

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003144.D
 Acq On : 09 Jul 2020 14:07
 Operator : SY/MD
 Sample : VY0709SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:18:34 PM

Quant Time: Jul 10 04:11:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	434137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	619521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	568074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	195010	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	7.72	113	195916	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.18	98	716970	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.48	95	254777	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58205	17.703	ug/l	99
3) Chloromethane	2.11	50	84289	17.507	ug/l	98
4) Vinyl Chloride	2.26	62	91341	19.449	ug/l	100
5) Bromomethane	2.64	94	69284	21.728	ug/l	93
6) Chloroethane	2.79	64	61744	20.667	ug/l	92
7) Trichlorofluoromethane	3.13	101	134692	20.320	ug/l	98
8) Diethyl Ether	3.54	74	44648	19.648	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	83566	21.114	ug/l	98
10) Methyl Iodide	4.10	142	92481	18.844	ug/l	98
11) Tert butyl alcohol	4.97	59	43868	99.830	ug/l	99
12) 1,1-Dichloroethene	3.87	96	77185	20.496	ug/l	90
13) Acrolein	3.74	56	28490	72.187	ug/l	98
14) Allyl chloride	4.49	41	115880	17.624	ug/l	98
15) Acrylonitrile	5.17	53	111018	94.794	ug/l	98
16) Acetone	3.95	43	84754	83.342	ug/l	96
17) Carbon Disulfide	4.20	76	225277	18.723	ug/l	99
18) Methyl Acetate	4.48	43	51600	18.834	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	220120	20.053	ug/l	98
20) Methylene Chloride	4.72	84	101475	17.884	ug/l	88
21) trans-1,2-Dichloroethene	5.23	96	88363	20.744	ug/l	92
22) Diisopropyl ether	6.13	45	261659	18.568	ug/l	97
23) Vinyl Acetate	6.07	43	837079	88.847	ug/l	97
24) 1,1-Dichloroethane	6.02	63	150935	19.607	ug/l	99
25) 2-Butanone	7.00	43	139996	86.662	ug/l	98
26) 2,2-Dichloropropane	6.99	77	135867	19.426	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	98993	20.720	ug/l	93
28) Bromochloromethane	7.34	49	58219	16.997	ug/l	88
29) Tetrahydrofuran	7.35	42	95446	88.848	ug/l	90
30) Chloroform	7.52	83	155366	20.373	ug/l	98
31) Cyclohexane	7.79	56	140124	18.477	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	139751	20.076	ug/l	100
36) 1,1-Dichloropropene	7.92	75	121410	20.345	ug/l	98
37) Ethyl Acetate	7.08	43	68122	18.986	ug/l	97
38) Carbon Tetrachloride	7.91	117	130024	20.942	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	149172	20.162	ug/l	96
40) Benzene	8.17	78	340012	20.812	ug/l	96
41) Methacrylonitrile	7.33	41	39621m	20.672	ug/l	
42) 1,2-Dichloroethane	8.24	62	103518	20.029	ug/l	99
43) Isopropyl Acetate	8.28	43	124527	18.257	ug/l	95
44) Trichloroethene	8.94	130	105885	22.299	ug/l	95
45) 1,2-Dichloropropane	9.22	63	88420	20.117	ug/l	93
46) Dibromomethane	9.31	93	51871	21.130	ug/l	95
47) Bromodichloromethane	9.50	83	121052	20.138	ug/l	99
48) Methyl methacrylate	9.30	41	56044	18.051	ug/l	91
49) 1,4-Dioxane	9.30	88	11862	395.841	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	332144	94.214	ug/l	96
52) Toluene	10.25	92	217885	21.186	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	126790	20.118	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	144749	20.083	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	72738	21.323	ug/l	100
56) Ethyl methacrylate	10.51	69	98915	20.031	ug/l	95
57) 1,3-Dichloropropane	10.79	76	125397	20.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	228831	90.356	ug/l	97
59) 2-Hexanone	10.83	43	230048	93.358	ug/l	97
60) Dibromochloromethane	10.99	129	92770	21.251	ug/l	98
61) 1,2-Dibromoethane	11.09	107	70936	21.093	ug/l	98
64) Tetrachloroethene	10.72	164	116867	24.307	ug/l	95
65) Chlorobenzene	11.52	112	245696	21.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	94747	21.665	ug/l	99
67) Ethyl Benzene	11.59	91	431767	21.070	ug/l	99
68) m/p-Xylenes	11.70	106	327309	42.916	ug/l	98
69) o-Xylene	12.03	106	152687	21.245	ug/l	98
70) Styrene	12.04	104	265082	21.590	ug/l	98
71) Bromoform	12.20	173	61202	20.988	ug/l	99
73) Isopropylbenzene	12.33	105	422685	21.084	ug/l	100
74) N-amyl acetate	12.14	43	117867	18.060	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	80528	19.904	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	61792m	20.382	ug/l	
77) Bromobenzene	12.61	156	109606	21.323	ug/l	96
78) n-propylbenzene	12.67	91	501560	20.803	ug/l	99
79) 2-Chlorotoluene	12.75	91	279065	20.736	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	359936	21.395	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30118	19.328	ug/l	94
82) 4-Chlorotoluene	12.85	91	294982	21.052	ug/l	99
83) tert-Butylbenzene	13.08	119	314077	21.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	357029	21.061	ug/l	98
85) sec-Butylbenzene	13.25	105	439040	21.563	ug/l	99
86) p-Isopropyltoluene	13.37	119	407219	21.584	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	208550	21.732	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	205556	21.722	ug/l	99
89) n-Butylbenzene	13.70	91	386346	21.403	ug/l	99
90) Hexachloroethane	13.96	117	74246	19.818	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	185830	21.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13805	19.276	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	138990	21.724	ug/l	97
94) Hexachlorobutadiene	15.11	225	90160	22.341	ug/l	98
95) Naphthalene	15.23	128	238296	20.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	115377	20.768	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

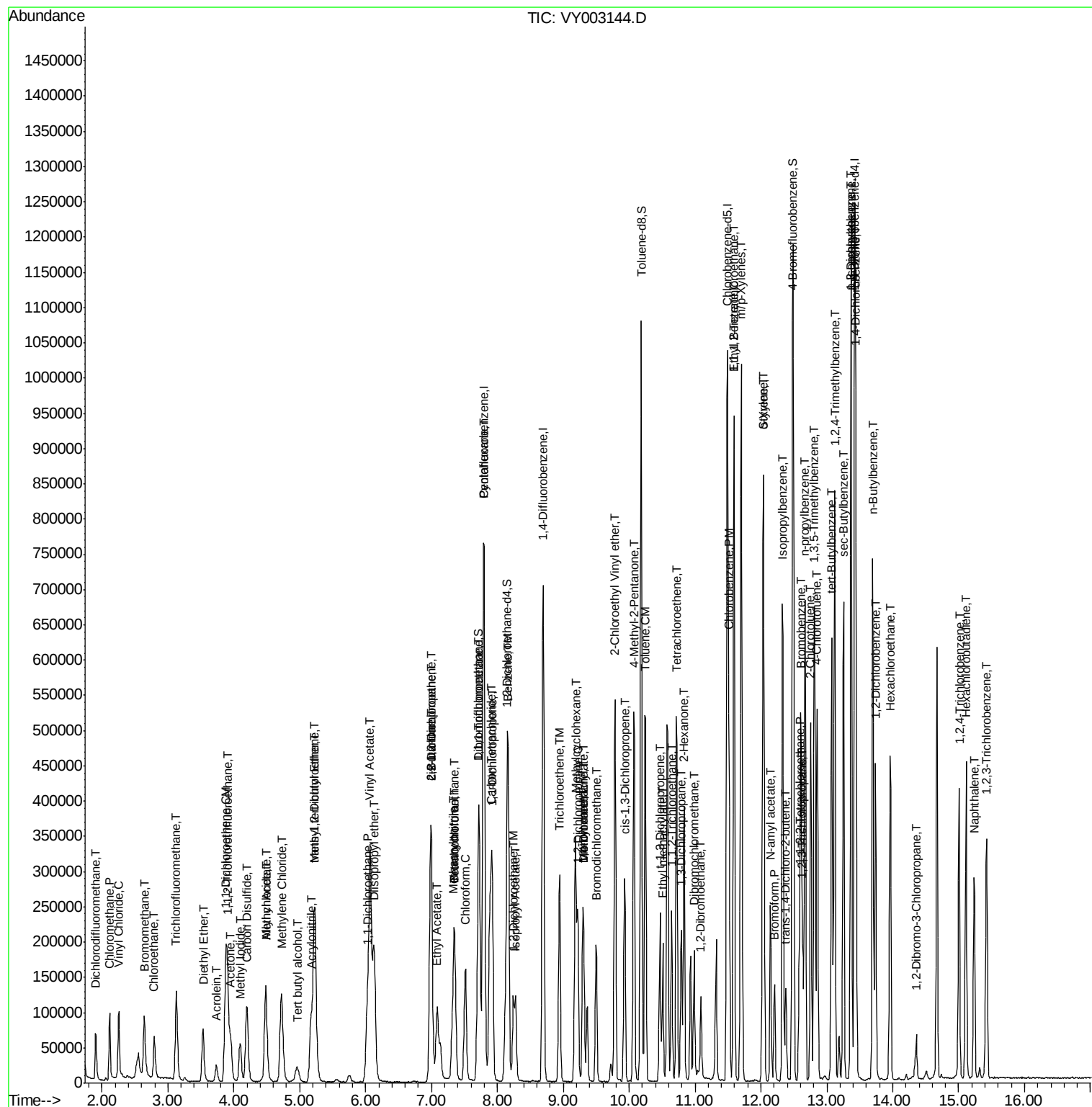
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Data File : VY003144.D
Acq On : 09 Jul 2020 14:07
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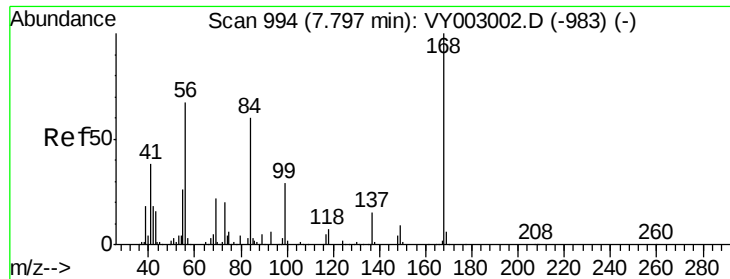
Instrument :
MSVOA_Y
Client Sample Id :
VY0709SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBSD01

Tot Ion:168 Resp: 434137

Ion Ratio Lower Upper

168 100

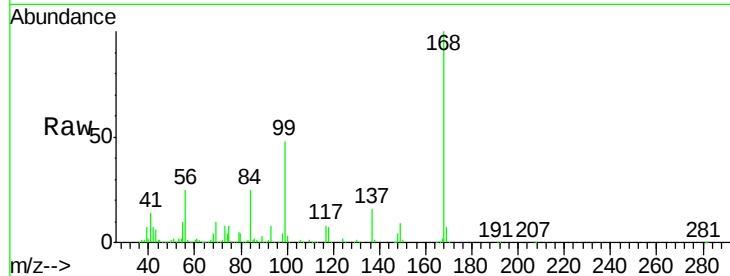
99 47.5 39.2 58.8

Manual Integrations

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7/10/2020 12:18:34 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003144.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003144.D (-945) (-)

7.80

200000

150000

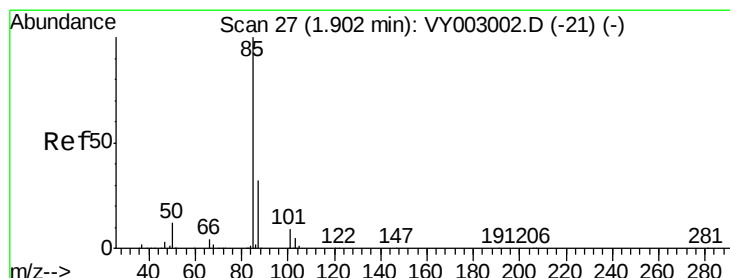
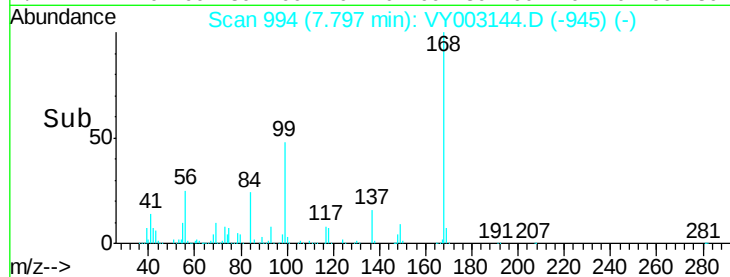
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.703 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003144.D

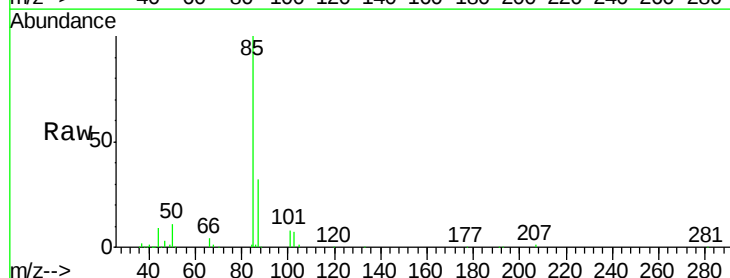
Acq: 09 Jul 2020 14:07

Tgt Ion: 85 Resp: 58205

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003144.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003144.D (-1) (-)

1.90

40000

30000

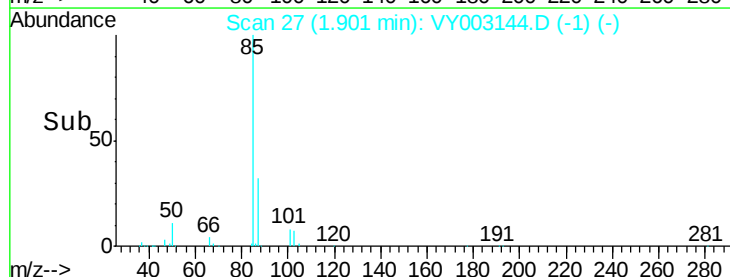
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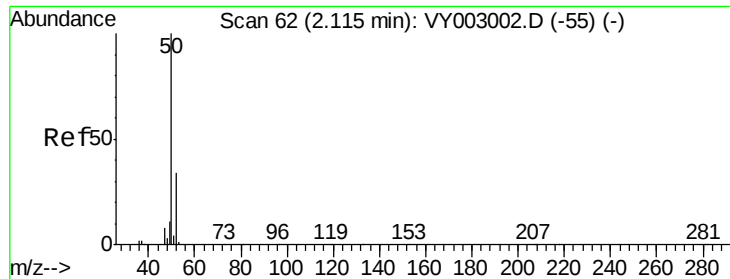
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.507 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 50 Resp: 84289

Ion Ratio Lower Upper

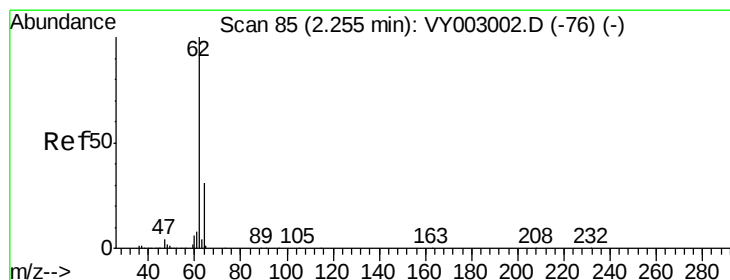
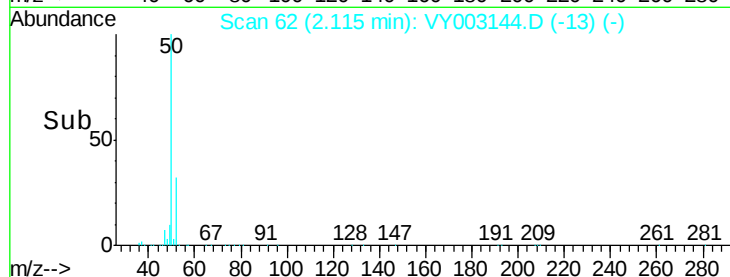
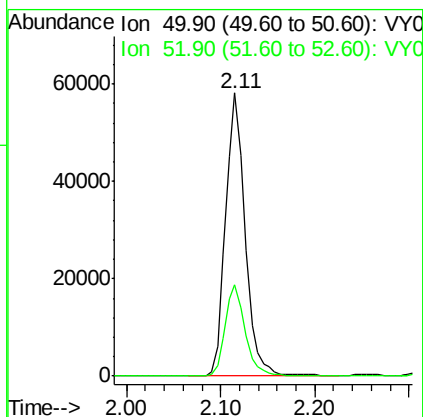
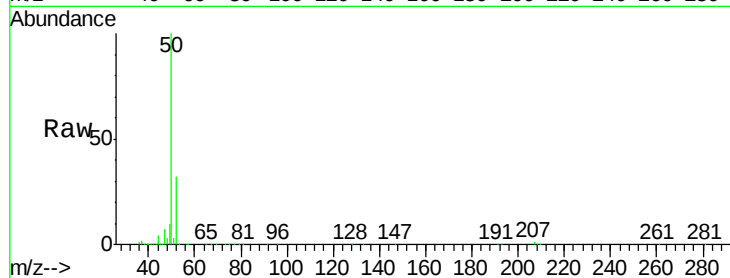
50 100

52 32.4 26.9 40.3

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 19.449 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003144.D

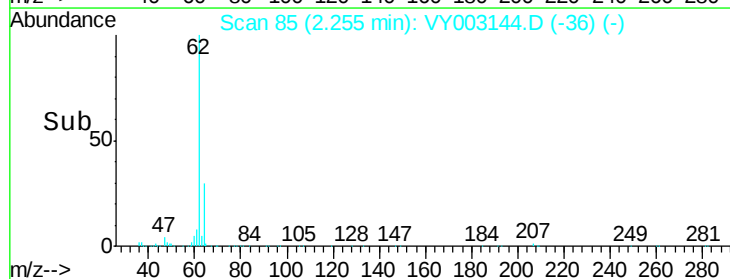
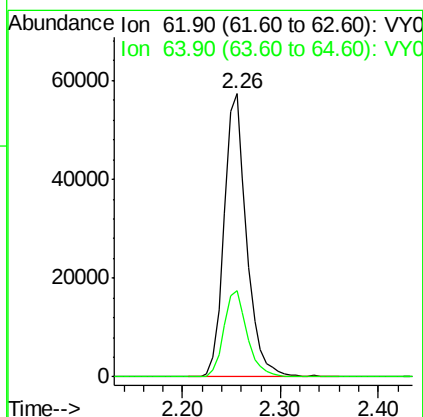
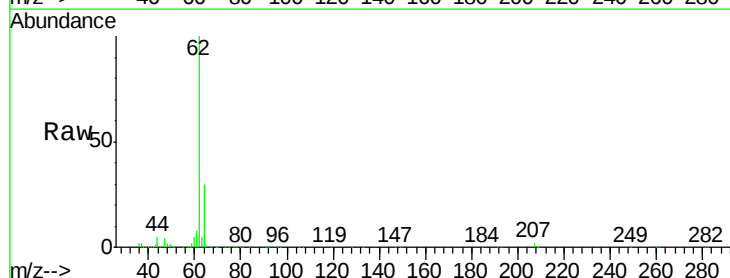
Acq: 09 Jul 2020 14:07

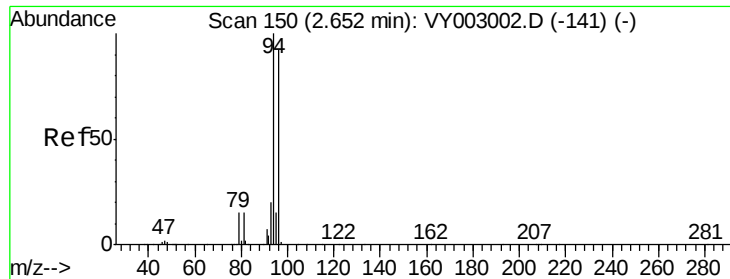
Tgt Ion: 62 Resp: 91341

Ion Ratio Lower Upper

62 100

64 30.3 24.4 36.6





#5

Bromomethane

Concen: 21.728 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

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ClientSampleId :

VY0709SBS01

Tot Ion: 94 Resp: 69284

Ion Ratio Lower Upper

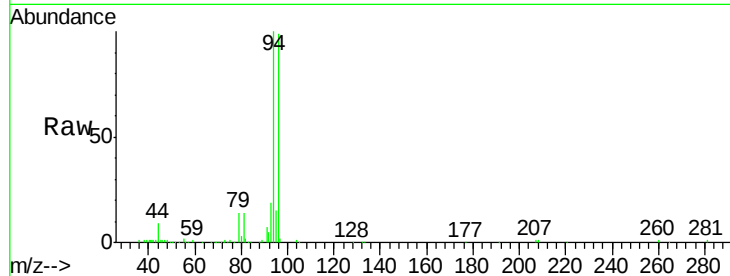
94 100

96 98.0 73.4 110.2

Manual Integrations
APPROVED

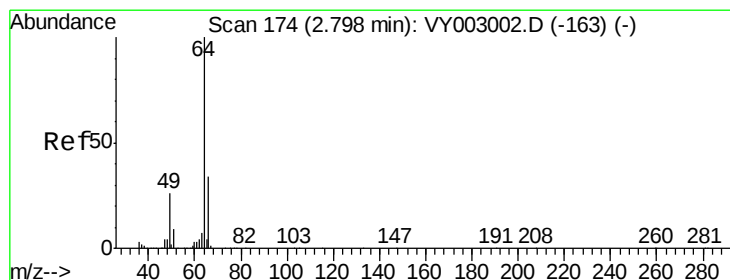
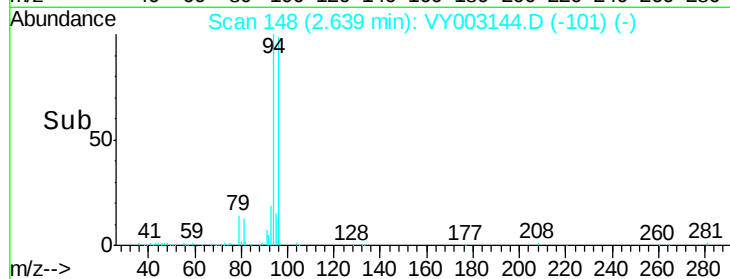
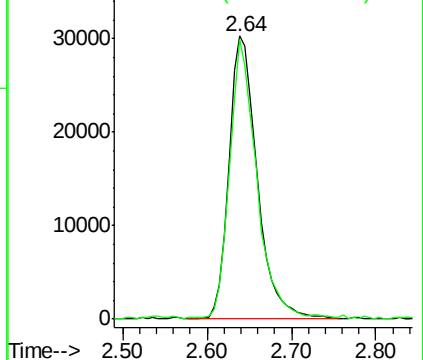
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.667 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003144.D

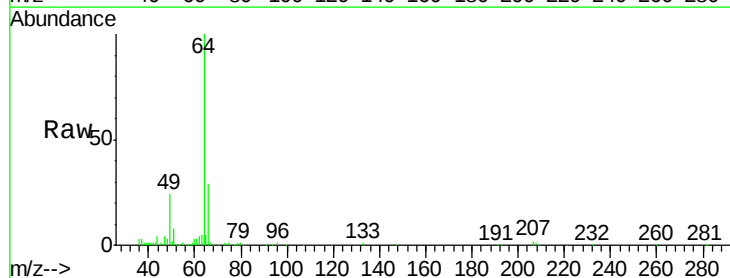
Acq: 09 Jul 2020 14:07

Tgt Ion: 64 Resp: 61744

Ion Ratio Lower Upper

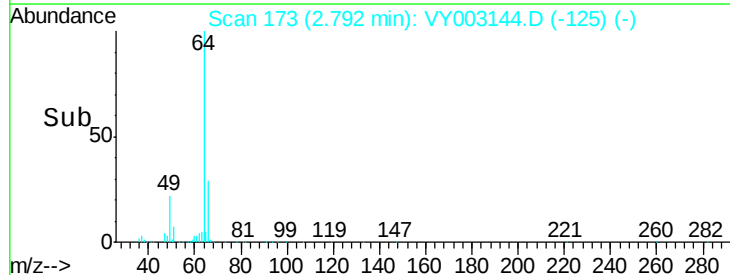
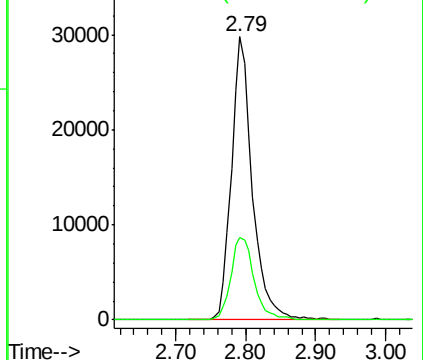
64 100

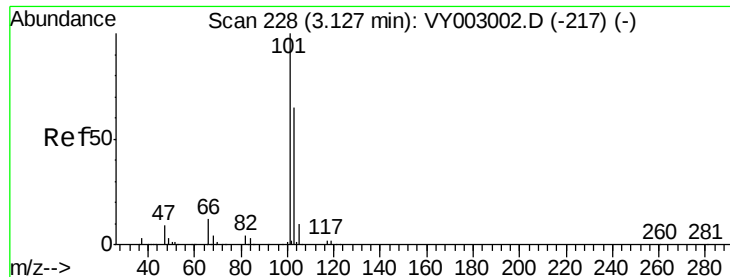
66 29.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

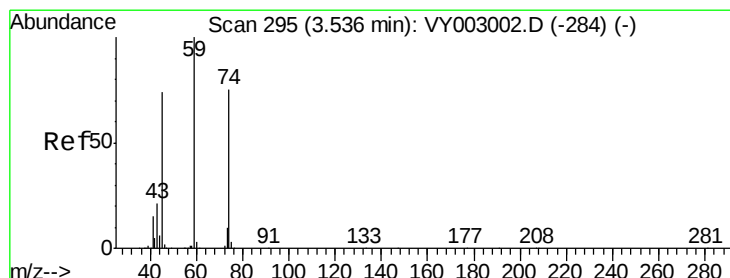
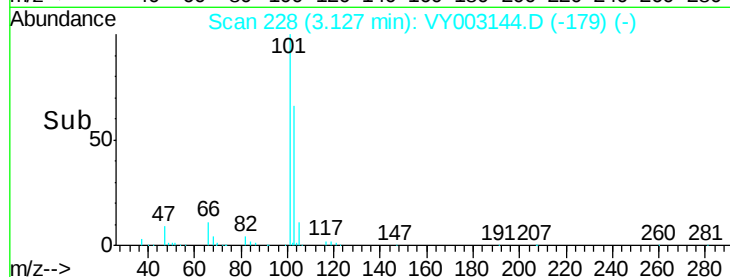
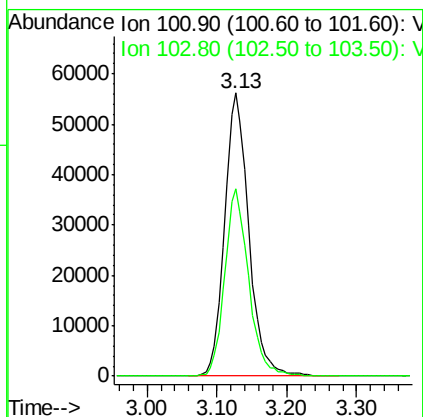
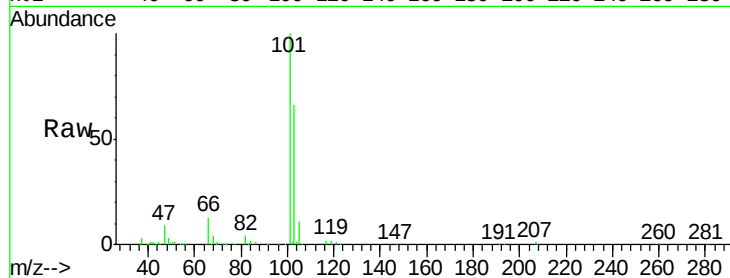
Trichlorofluoromethane
Concen: 20.320 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4

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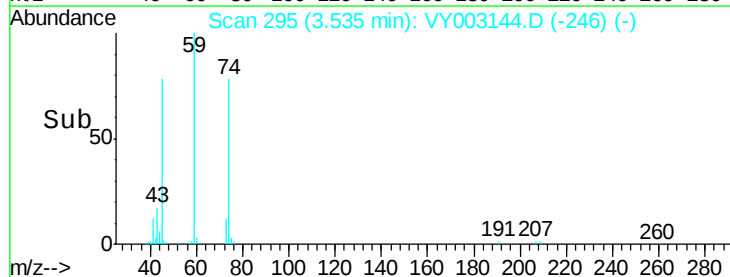
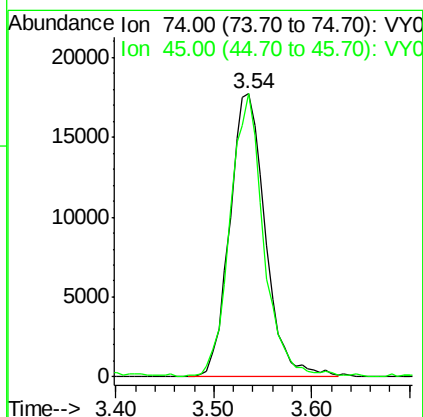
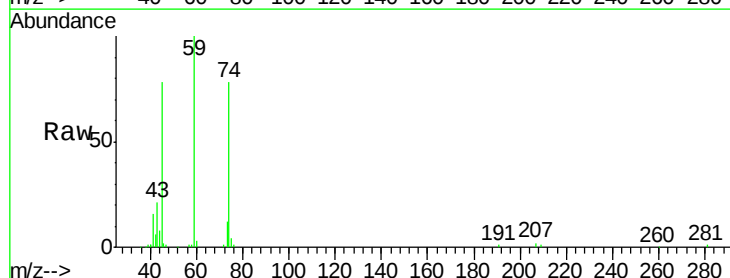
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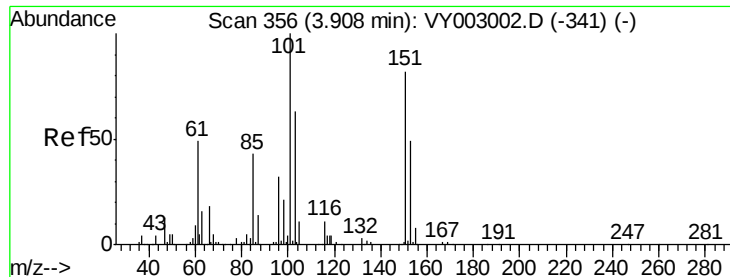


#8

Diethyl Ether
Concen: 19.648 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.114 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

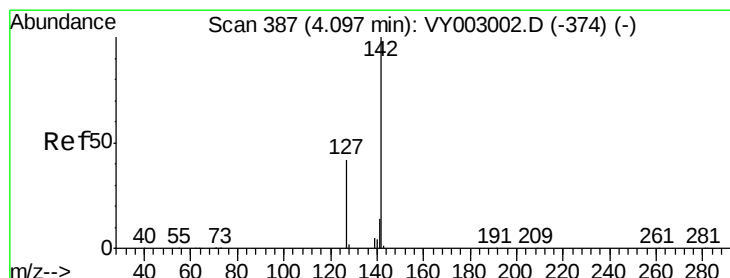
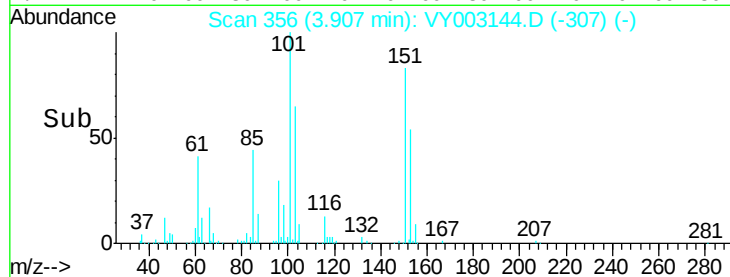
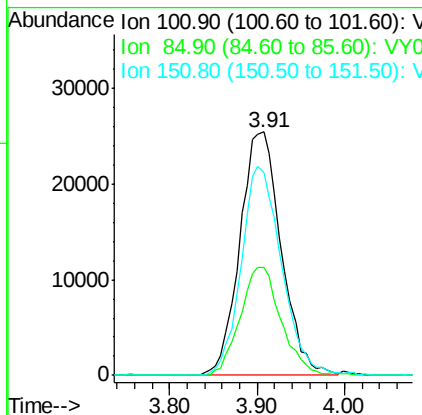
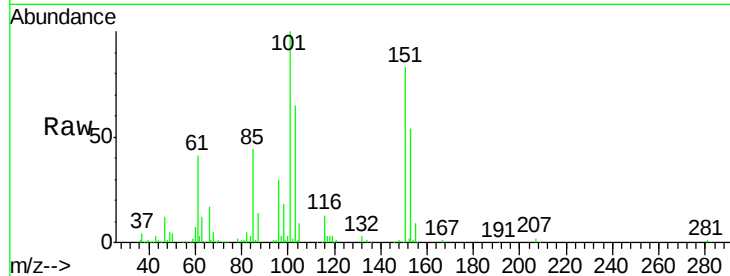
ClientSampleId :

VY0709SBS01

Tot Ion:	101	Resp:	83566
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	84.2	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.844 ug/l

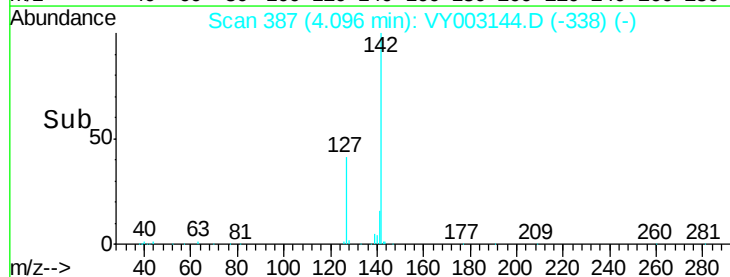
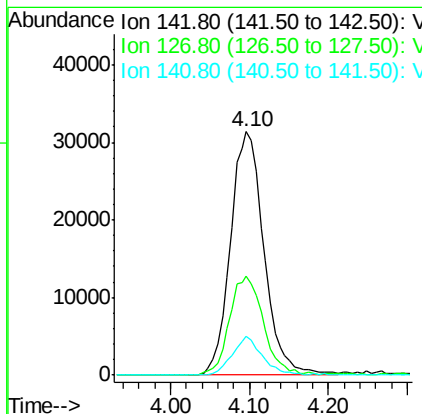
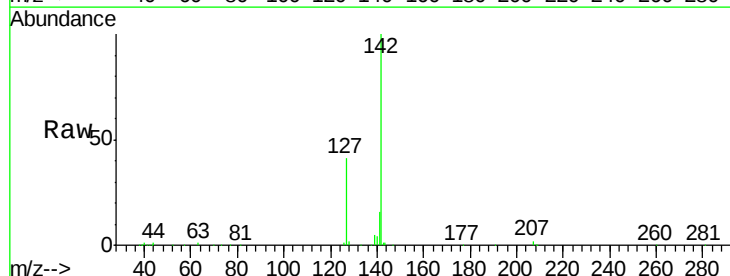
RT: 4.10 min Scan# 387

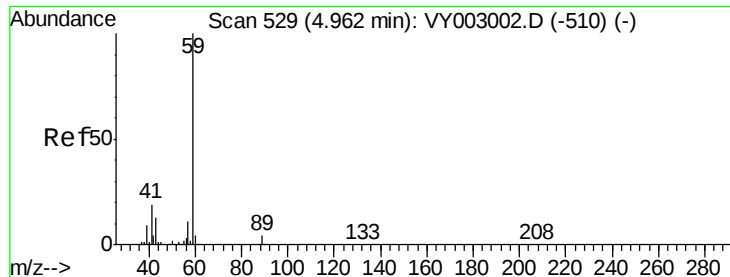
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	142	Resp:	92481
Ion Ratio	Lower	Upper	
142	100		
127	41.3	34.2	51.2
141	14.4	11.7	17.5





#11

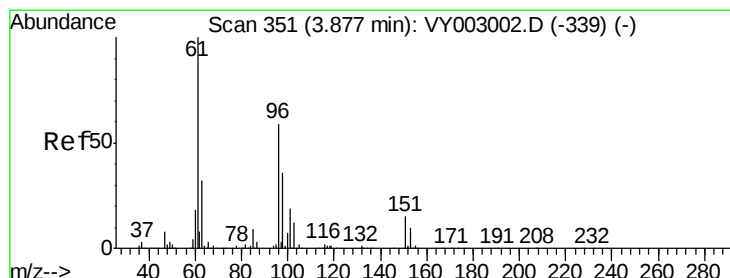
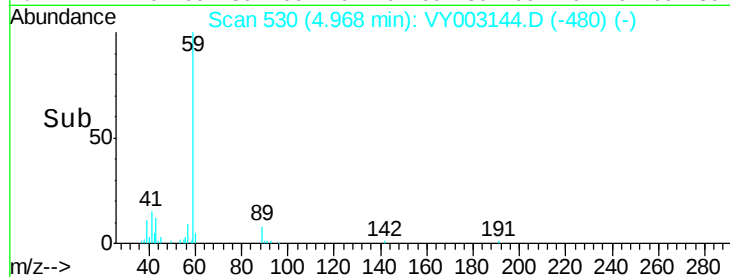
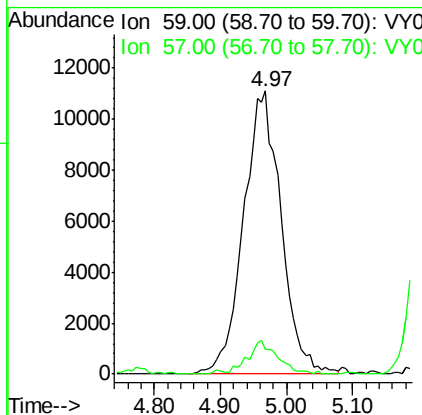
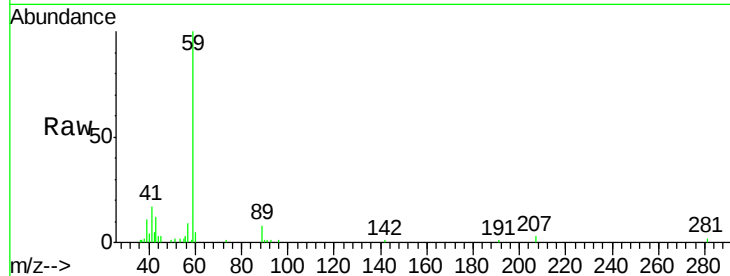
Tert butyl alcohol
Concen: 99.830 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	43868		
57	57	9.5		8.0	12.0

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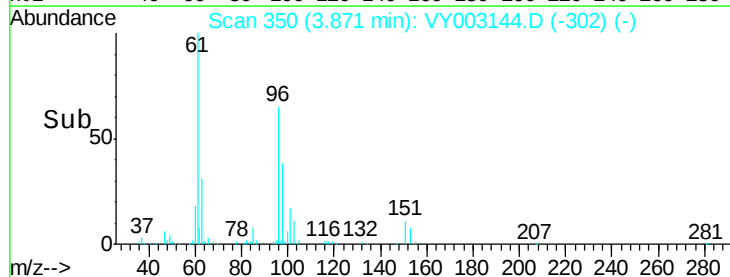
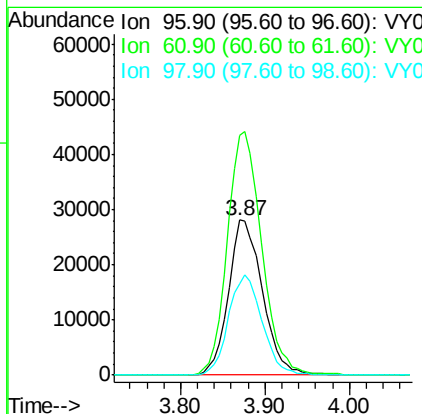
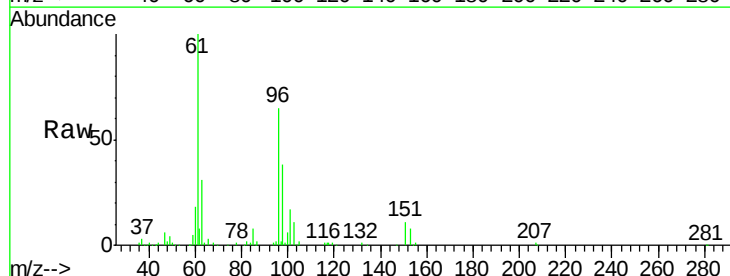
MMDadoda
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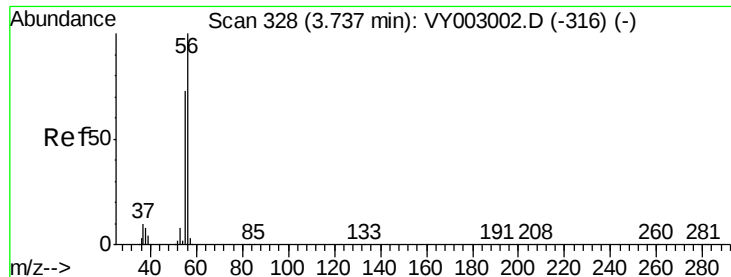


#12

1,1-Dichloroethene
Concen: 20.496 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	77185		
61	61	154.4		136.7	205.1
98	98	59.1		49.7	74.5





#13

Acrolein

Concen: 72.187 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 56 Resp: 28490

Ion Ratio Lower Upper

56 100

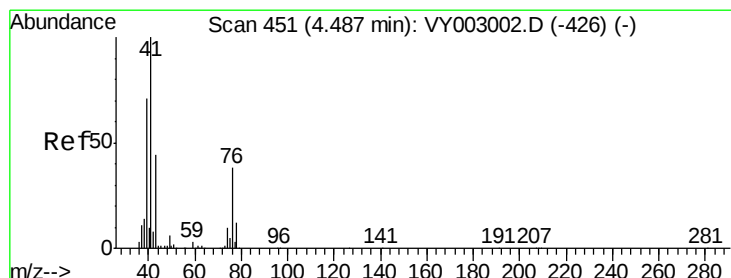
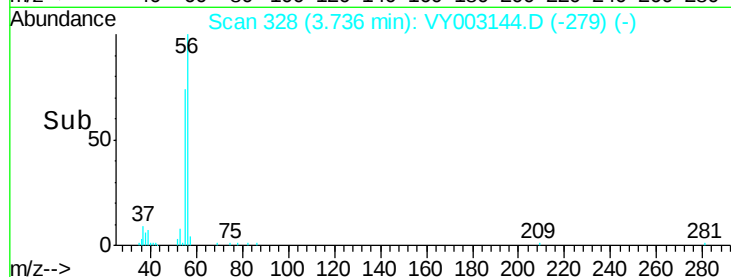
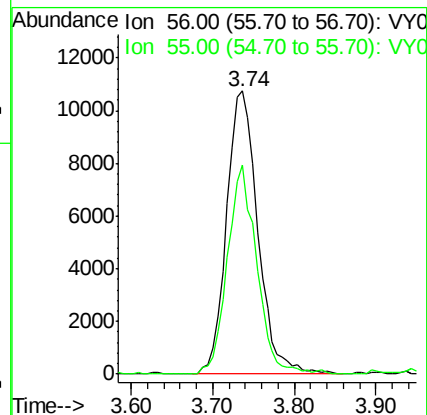
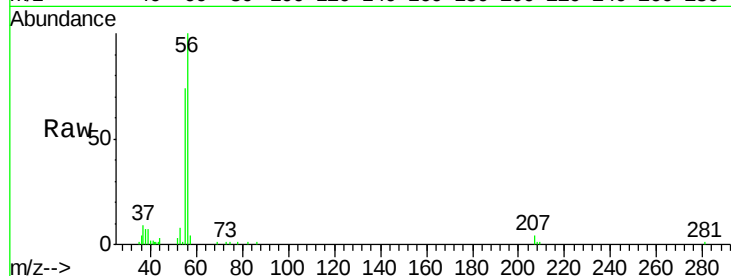
55 69.0 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.624 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

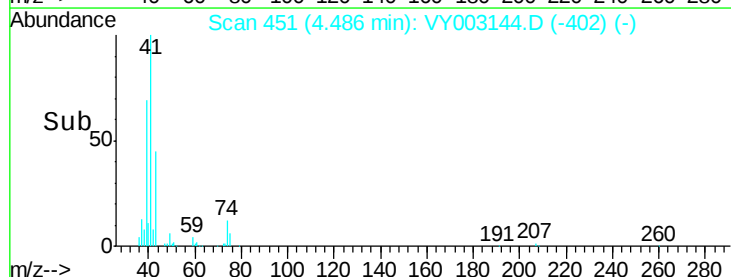
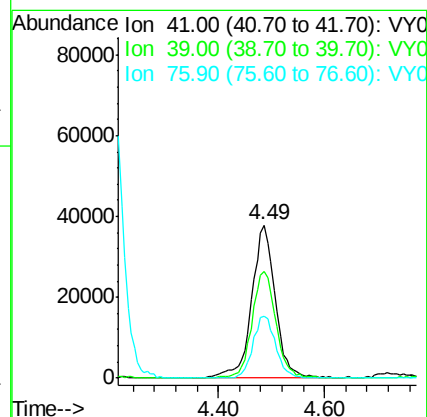
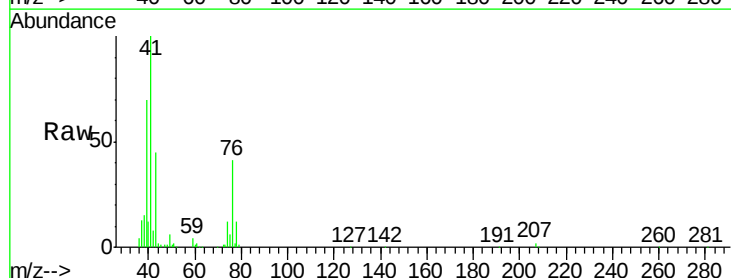
Tgt Ion: 41 Resp: 115880

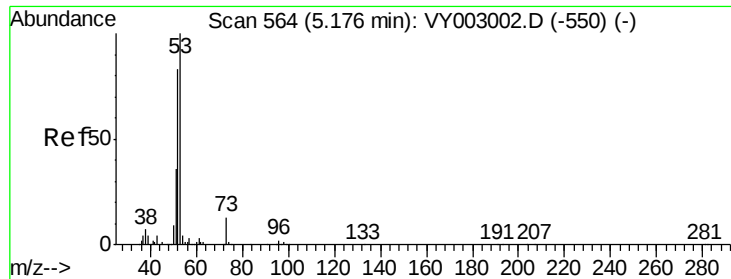
Ion Ratio Lower Upper

41 100

39 69.7 55.6 83.4

76 38.9 28.6 43.0





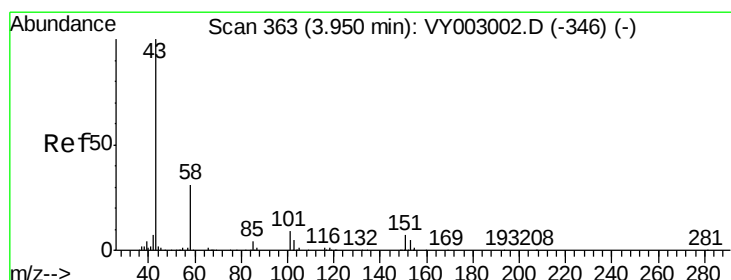
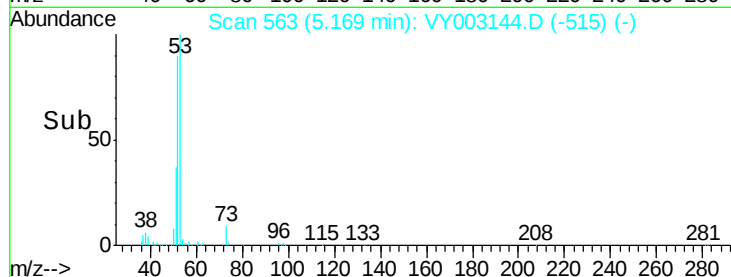
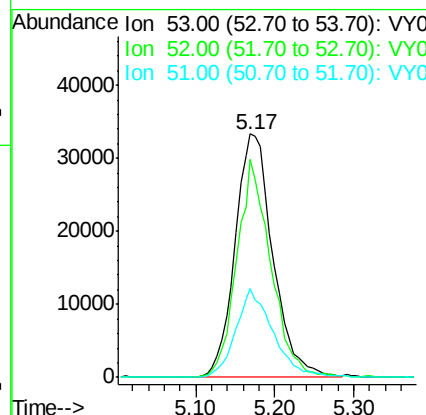
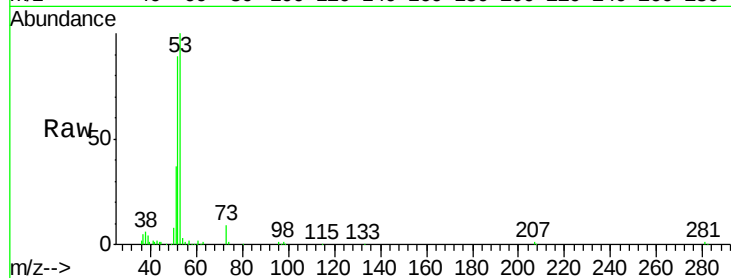
#15
Acrylonitrile
Concen: 94.794 ug/l
RT: 5.17 min Scan# 563
Delta R.T. -0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion:	53	Resp:	111018
Ion Ratio	Lower	Upper	
53	100		
52	80.7	66.2	99.2
51	36.1	29.5	44.3

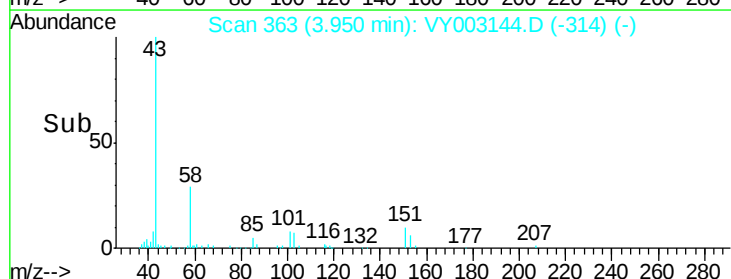
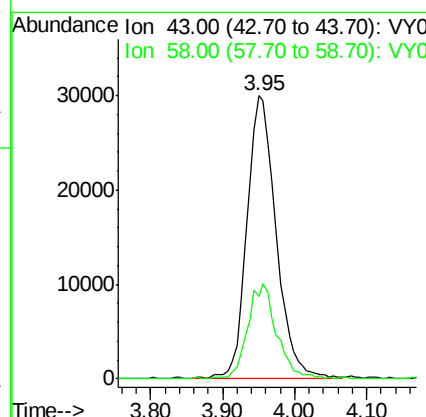
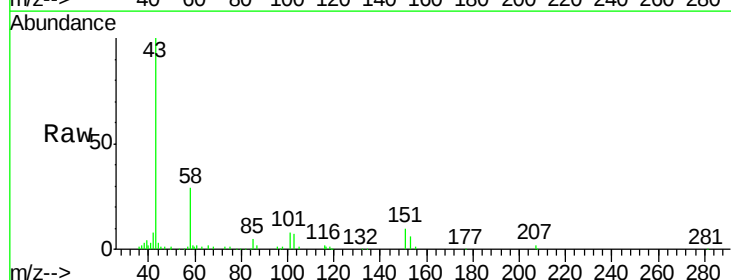
Manual Integrations
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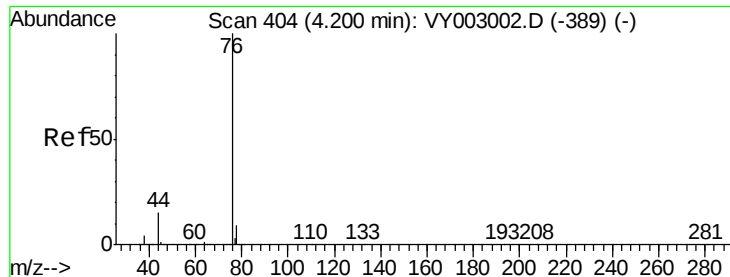
MMDadoda
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#16
Acetone
Concen: 83.342 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion:	43	Resp:	84754
Ion Ratio	Lower	Upper	
43	100		
58	28.6	24.7	37.1





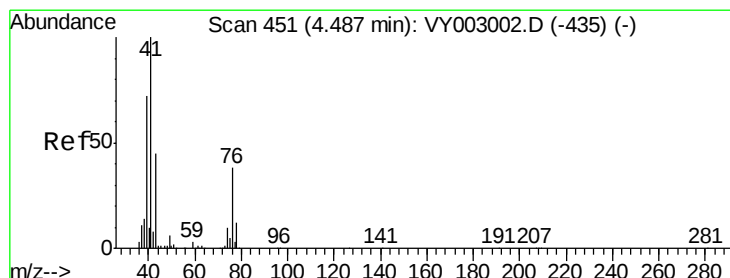
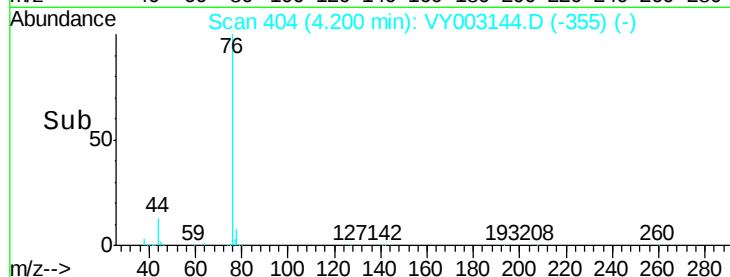
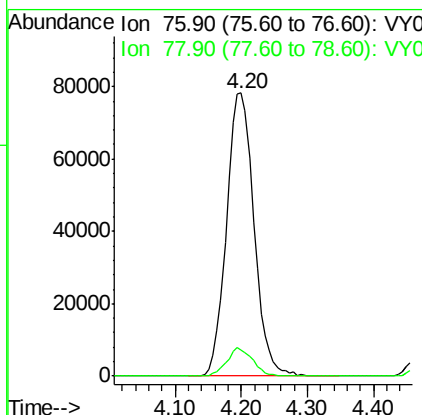
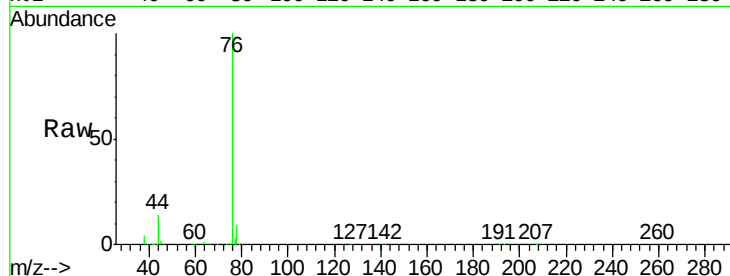
#17
Carbon Disulfide
Concen: 18.723 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

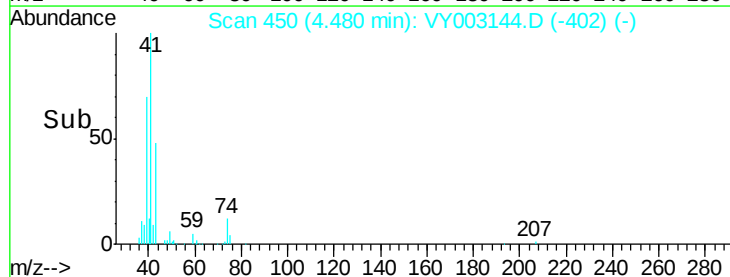
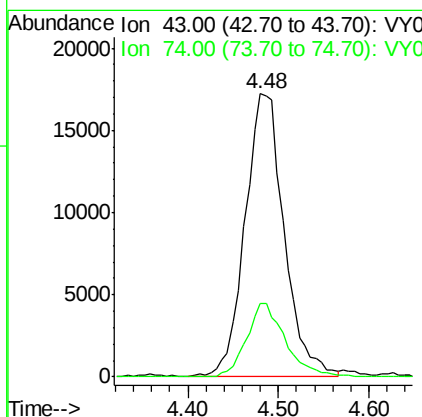
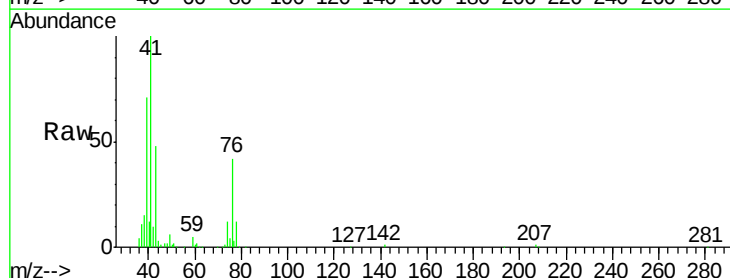
Manual Integrations
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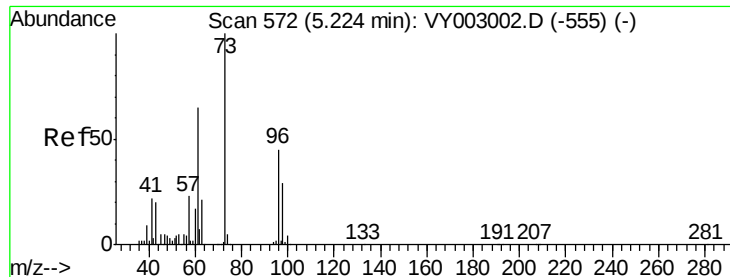
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#18
Methyl Acetate
Concen: 18.834 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	18.2	27.4





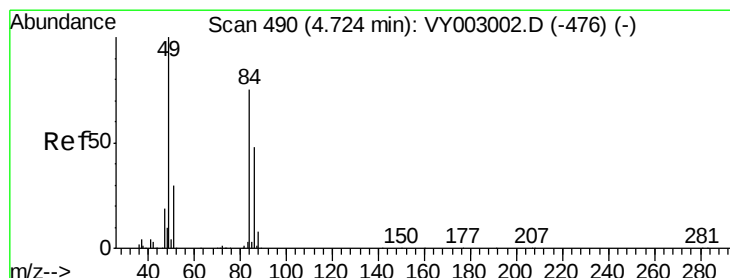
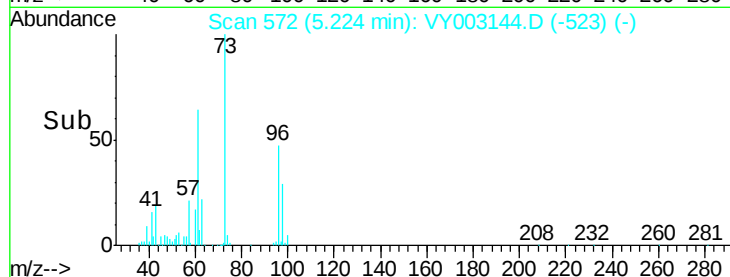
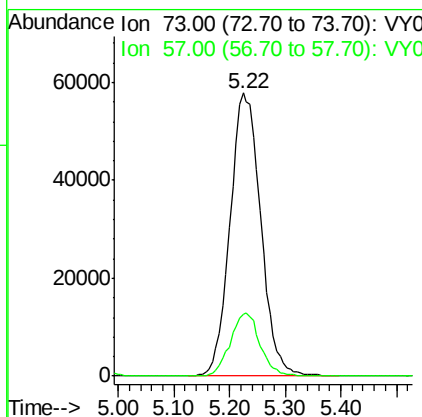
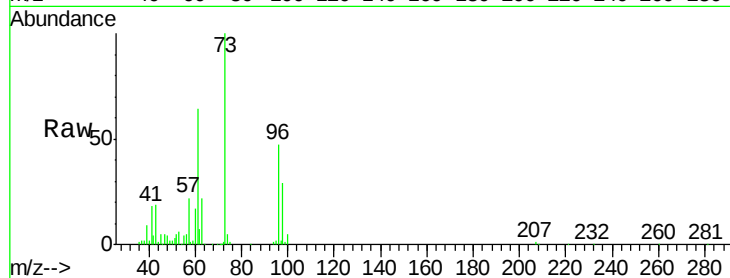
#19
Methvl tert-butvl Ether
Concen: 20.053 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.2	27.2

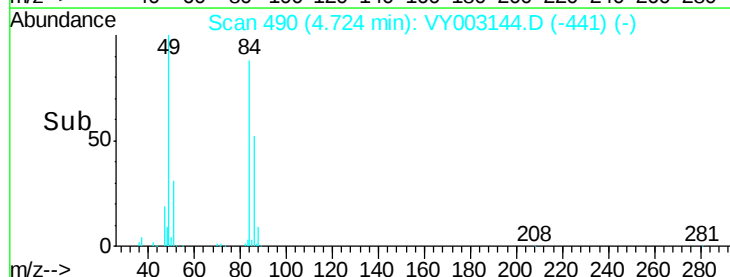
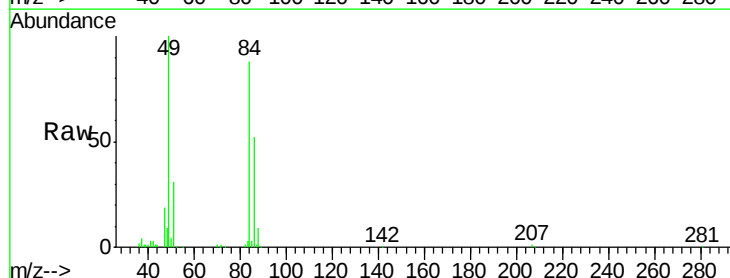
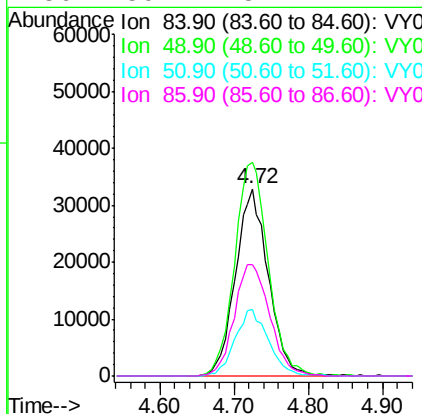
Manual Integrations
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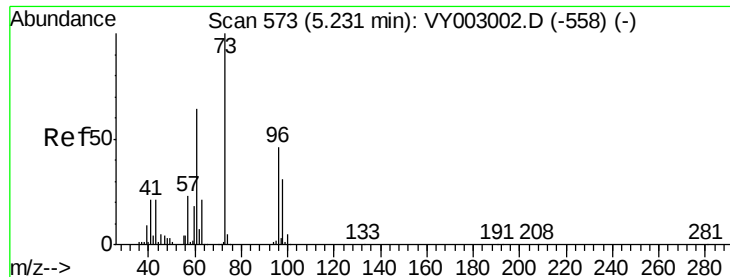
MMDadoda
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#20
Methylene Chloride
Concen: 17.884 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.1	106.8	160.2
51	35.8	32.0	48.0
86	59.4	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.744 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

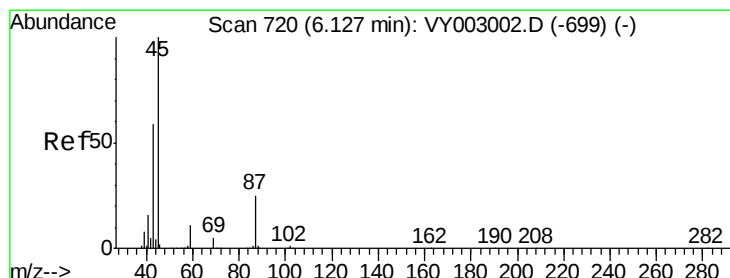
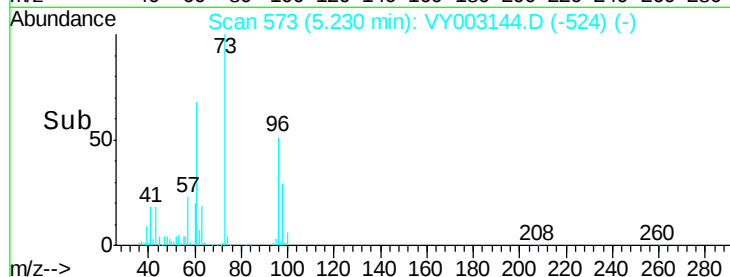
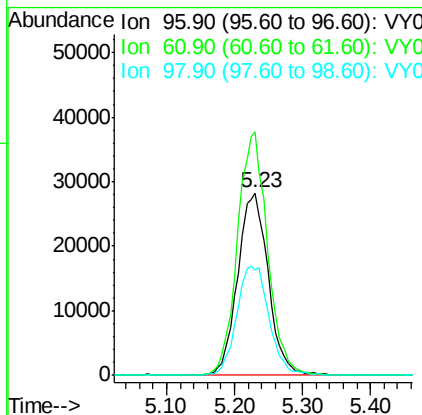
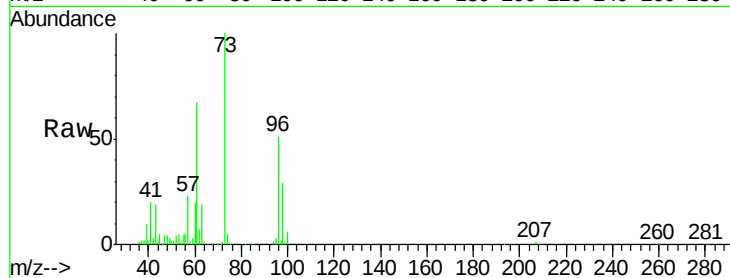
ClientSampleId :

VY0709SBS01

Tot Ion:	96	Resp:	88363
Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.3	168.5
98	57.5	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.568 ug/l

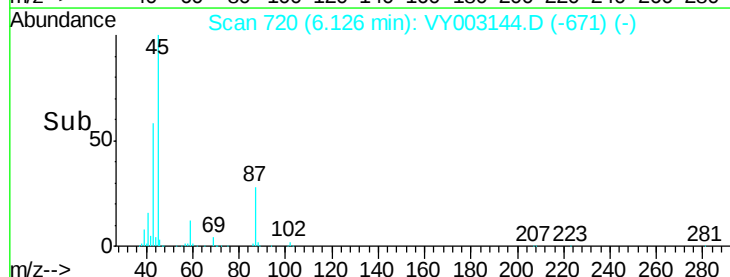
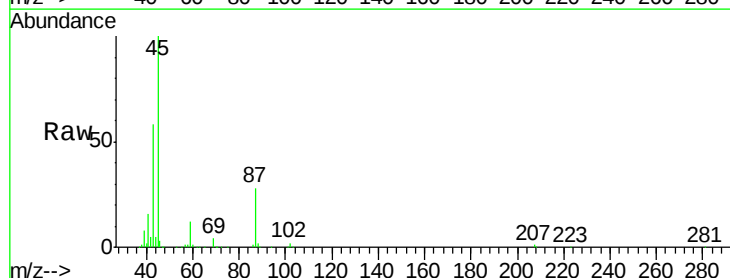
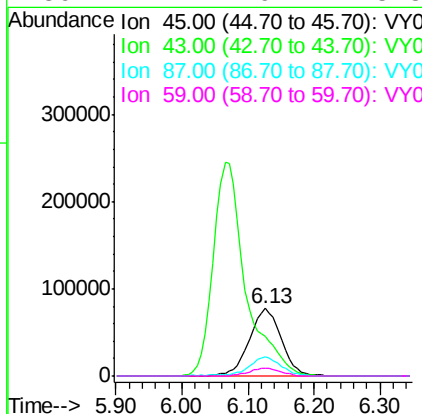
RT: 6.13 min Scan# 720

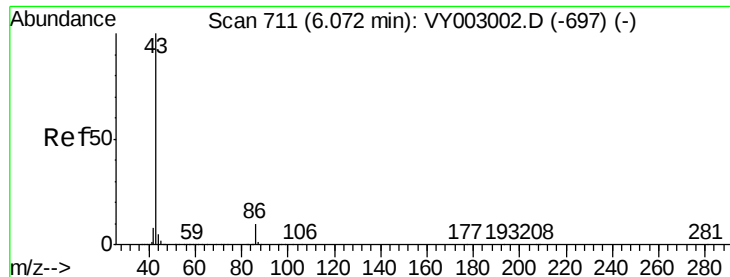
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	45	Resp:	261659
Ion	Ratio	Lower	Upper
45	100		
43	57.9	47.4	71.2
87	28.0	20.2	30.2
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 88.847 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 43 Resp: 837079

Ion Ratio Lower Upper

43 100

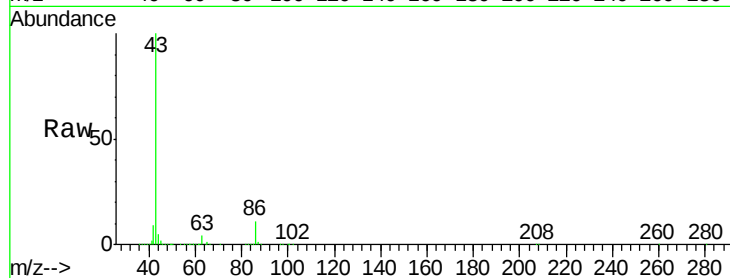
86 11.1 8.1 12.1

Manual Integrations

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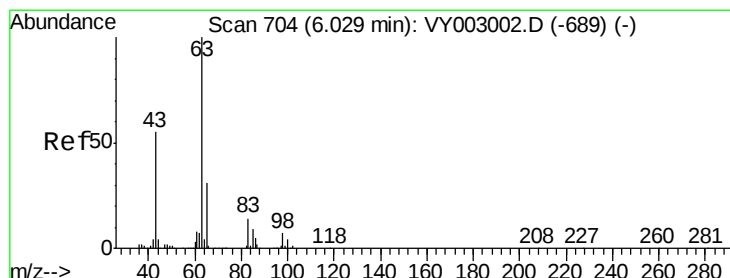
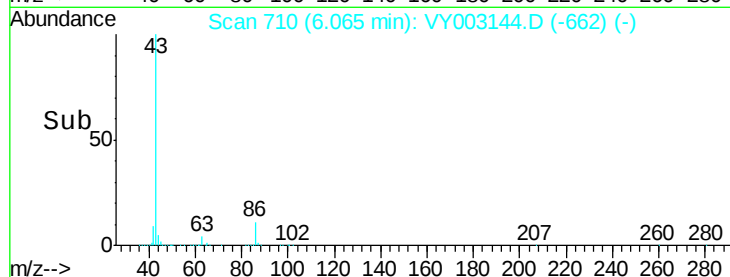
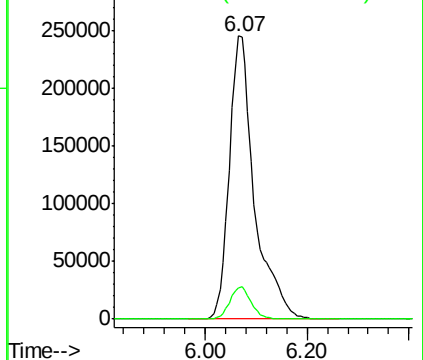
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.607 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

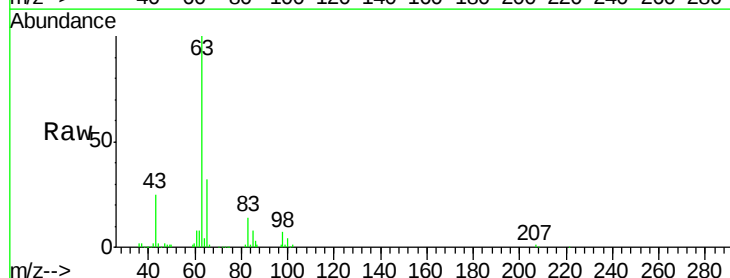
Tgt Ion: 63 Resp: 150935

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

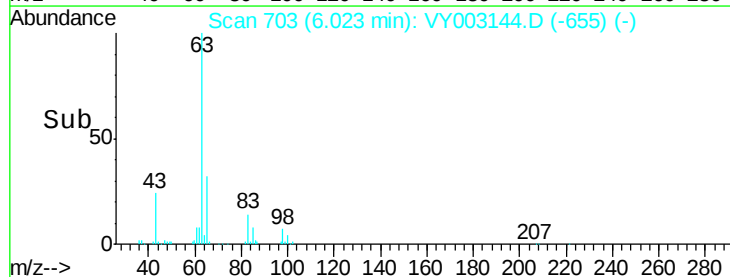
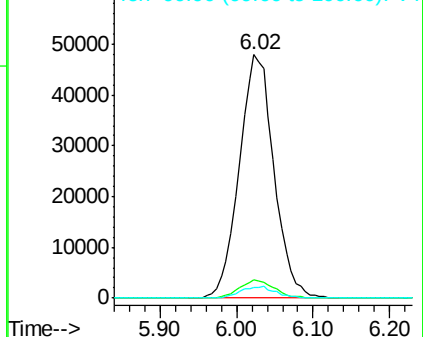
100 4.3 2.3 6.8

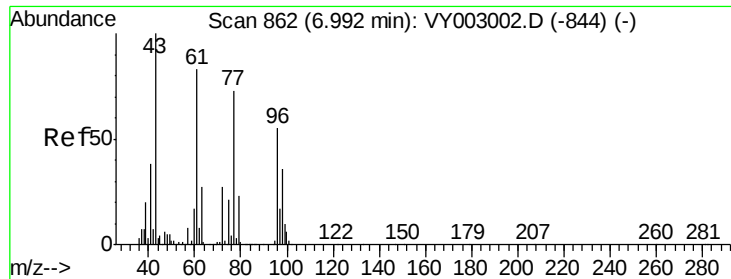


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





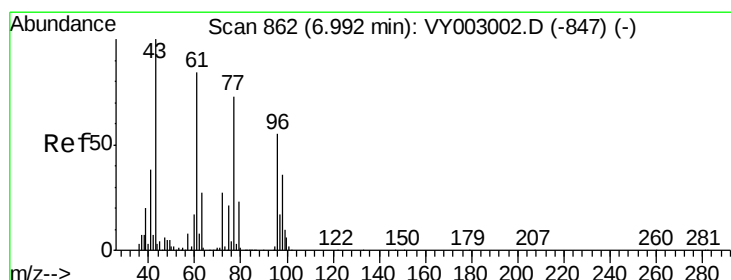
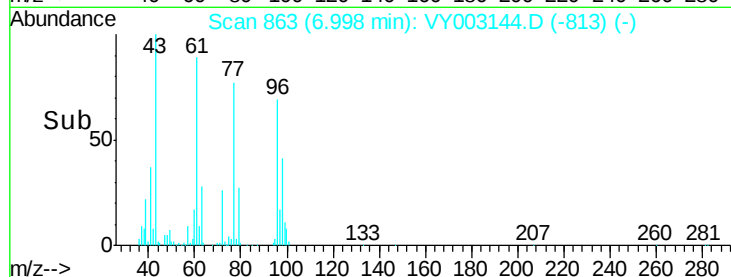
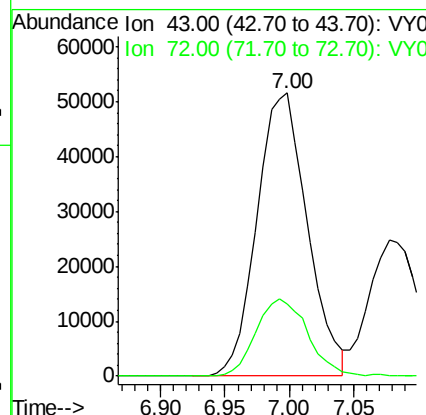
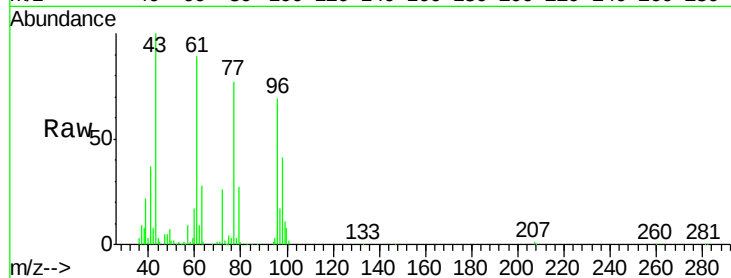
#25
2-Butanone
Concen: 86.662 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion: 43 Resp: 139996
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.0

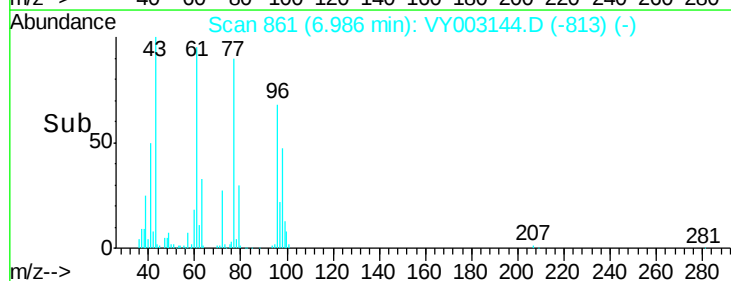
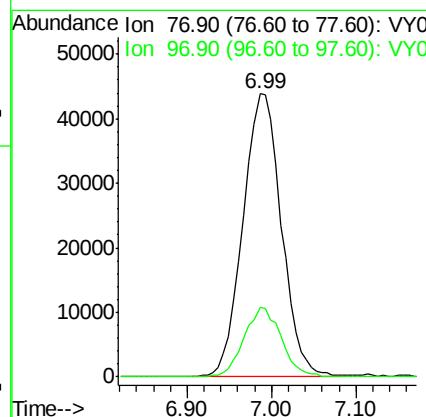
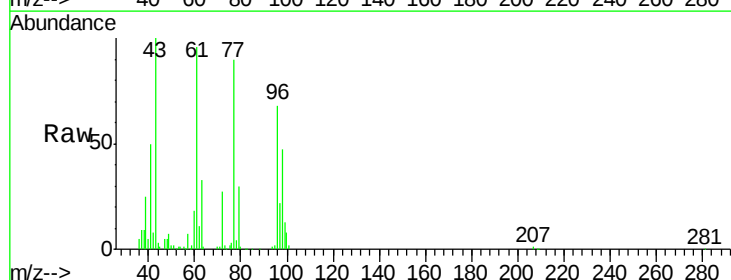
Manual Integrations
APPROVED

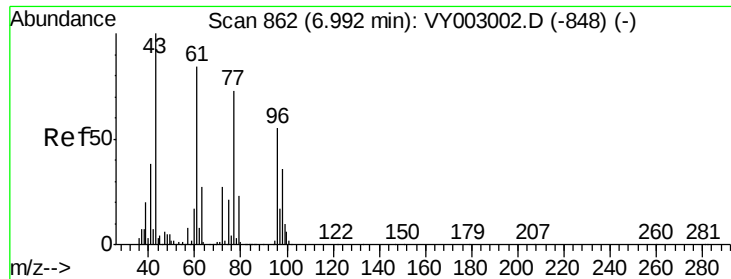
MMDadoda
7/10/2020 12:18:34 PM



#26
2,2-Dichloropropane
Concen: 19.426 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion: 77 Resp: 135867
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.720 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003144.D

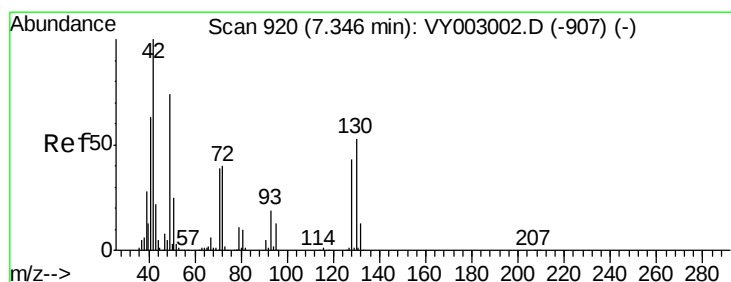
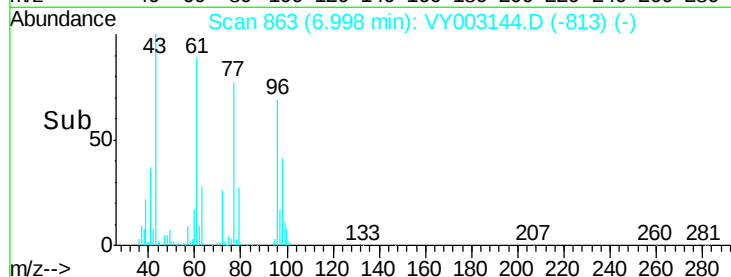
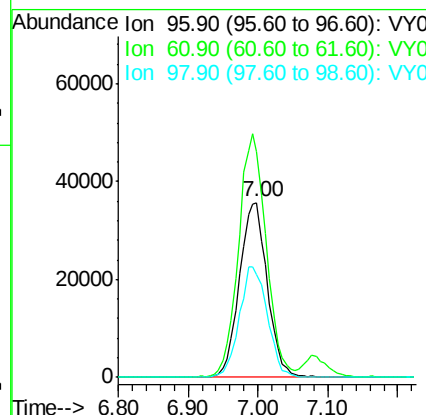
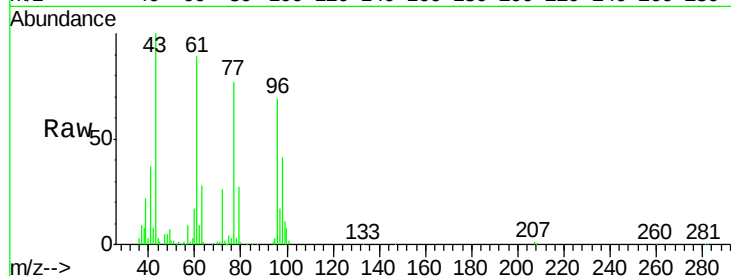
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	301.2
98	63.6	0.0	129.0

Manual Integrations
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7/10/2020 12:18:34 PM



#28

Bromochloromethane

Concen: 16.997 ug/l

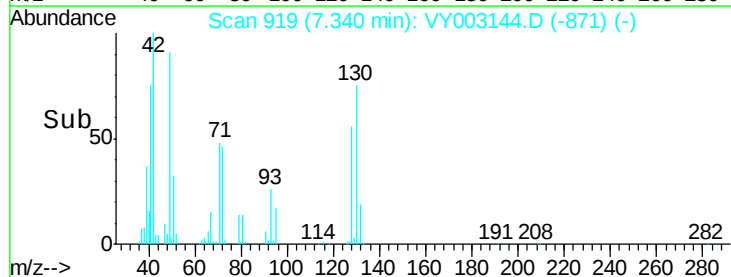
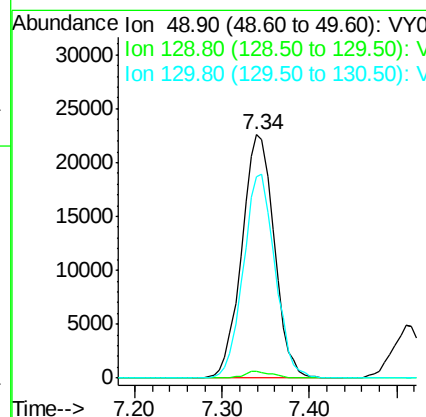
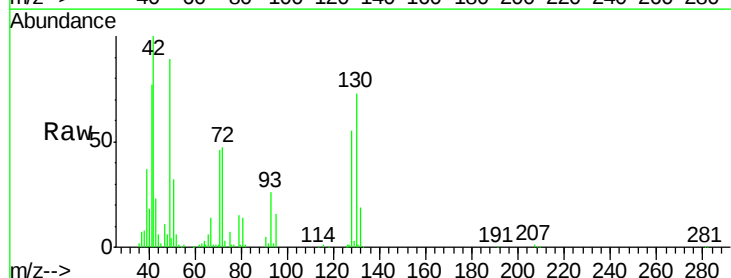
RT: 7.34 min Scan# 919

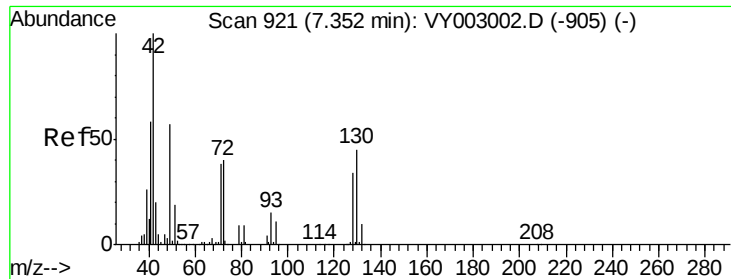
Delta R.T. -0.01 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	81.8	57.0	85.6





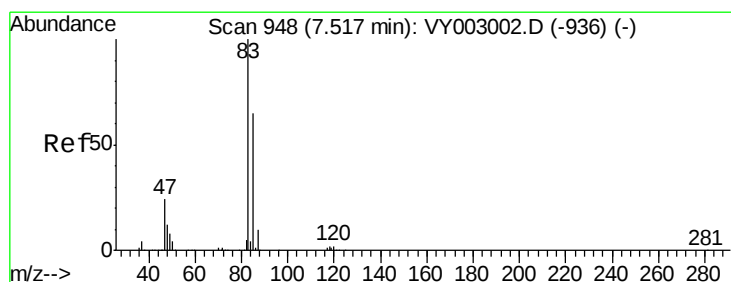
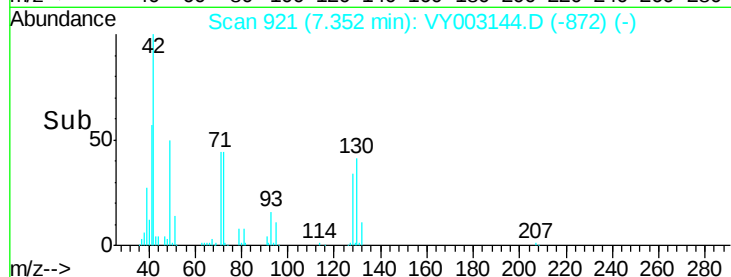
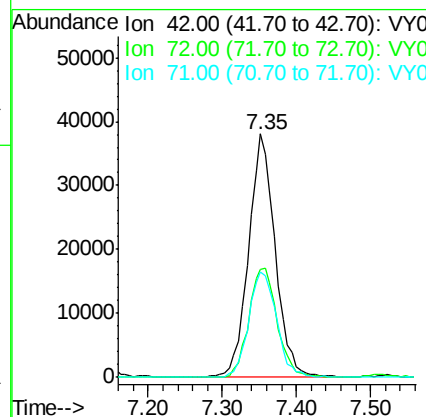
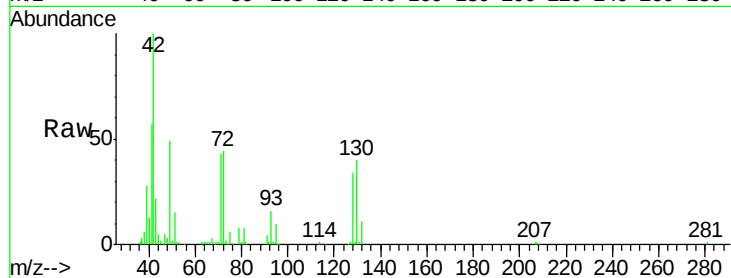
#29
Tetrahydrofuran
Concen: 88.848 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	32.9	49.3
71	45.4	31.2	46.8

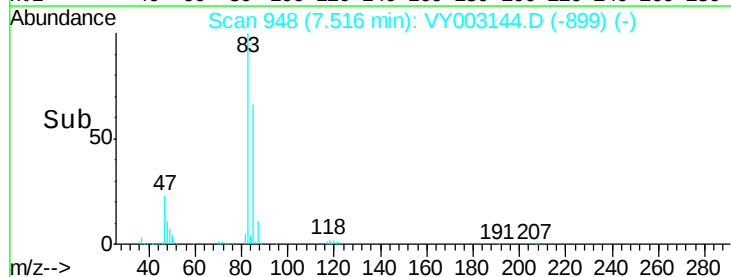
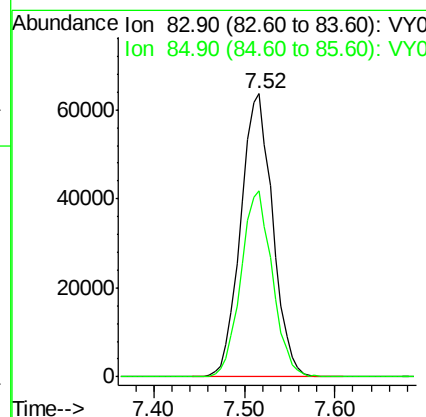
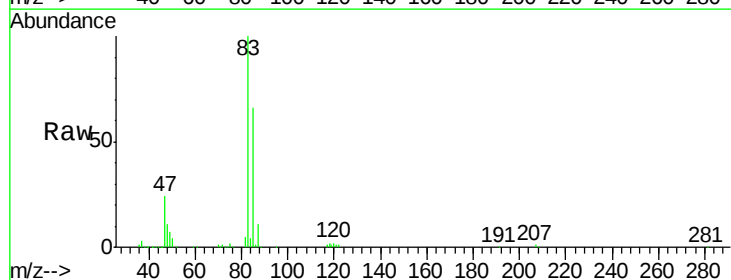
Manual Integrations
APPROVED

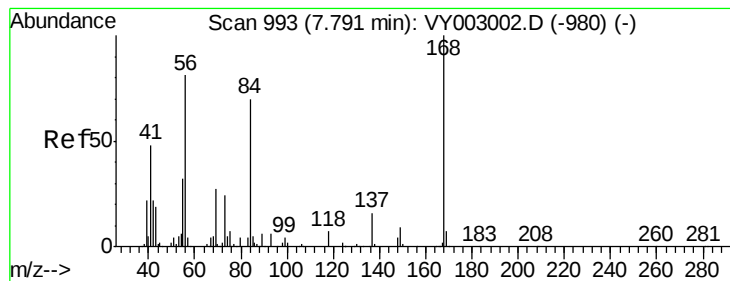
MMDadoda
7/10/2020 12:18:34 PM



#30
Chloroform
Concen: 20.373 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.7	77.5





#31

Cyclohexane

Concen: 18.477 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

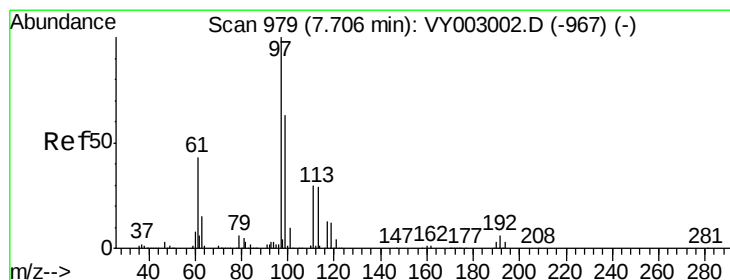
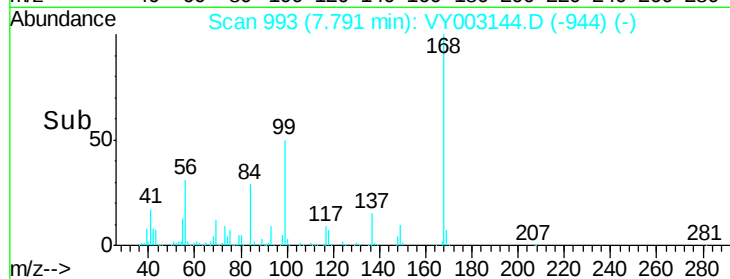
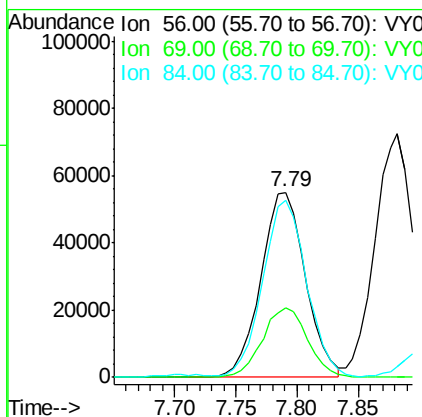
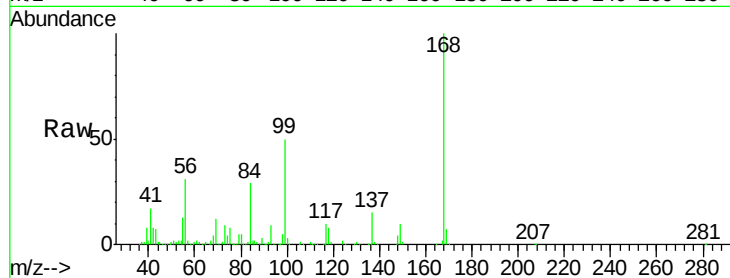
ClientSampleId :

VY0709SBS01

Tot Ion:	56	Resp:	140124
Ion	Ratio	Lower	Upper
56	100		
69	37.5	27.0	40.4
84	94.6	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.076 ug/l

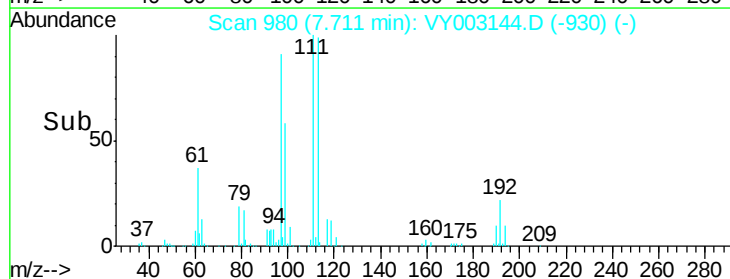
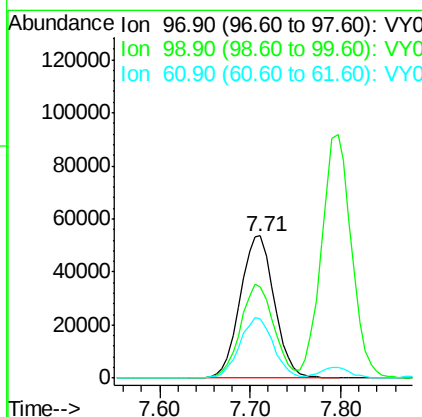
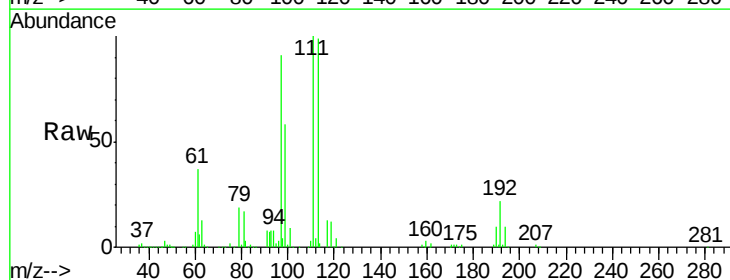
RT: 7.71 min Scan# 980

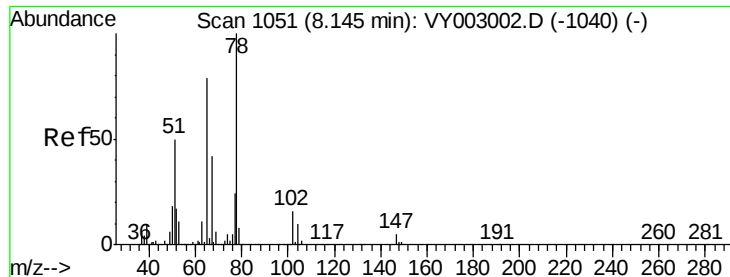
Delta R.T. 0.01 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	97	Resp:	139751
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	42.2	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 45.226 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 65 Resp: 195010

Ion Ratio Lower Upper

65 100

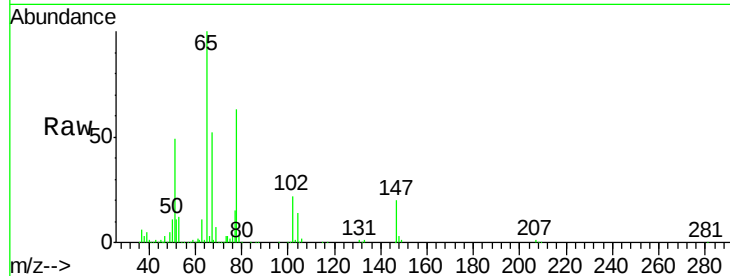
67 54.3 0.0 105.6

Manual Integrations

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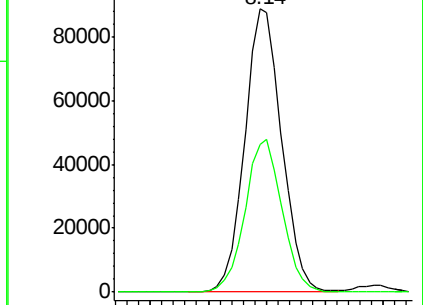
MMDadoda

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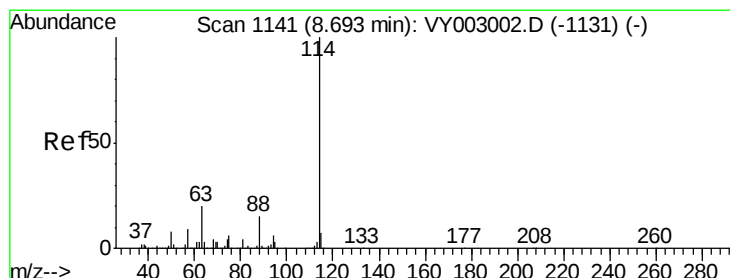
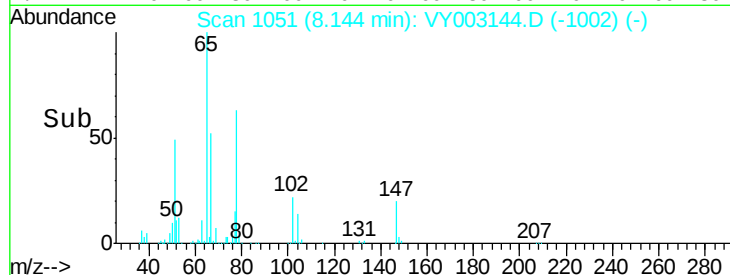


Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

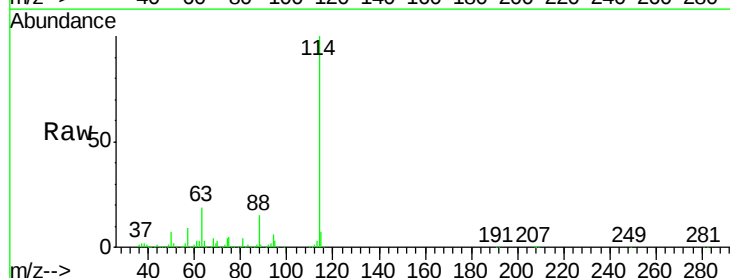
Tgt Ion: 114 Resp: 619521

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.6

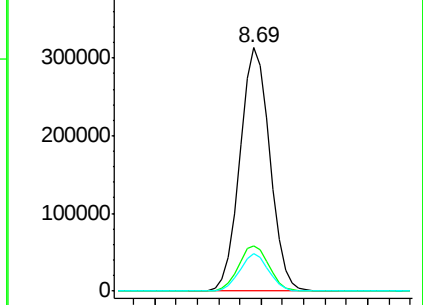
88 15.2 0.0 30.0



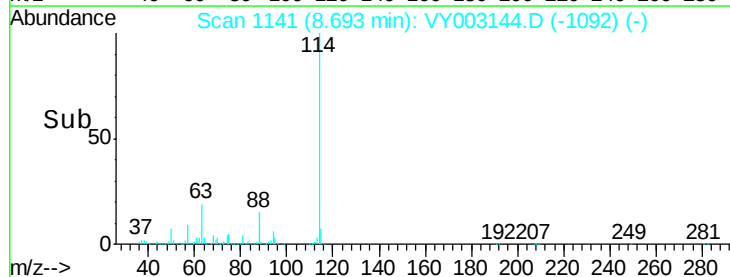
Abundance Ion 113.90 (113.60 to 114.60): V

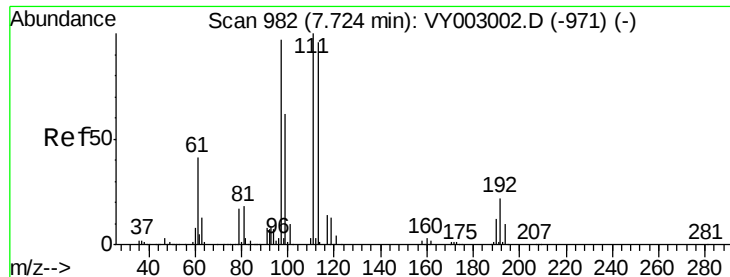
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->





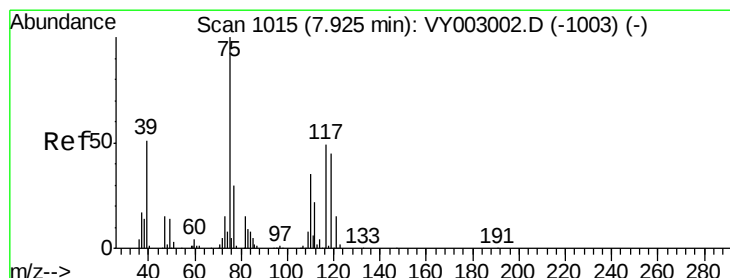
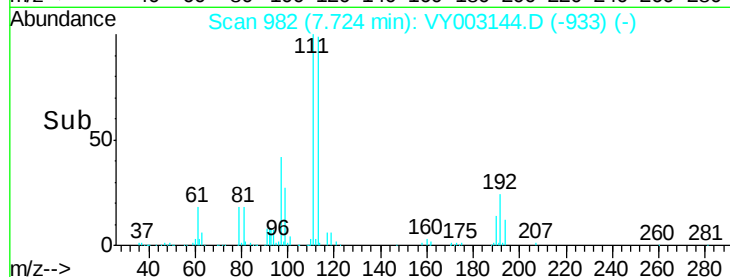
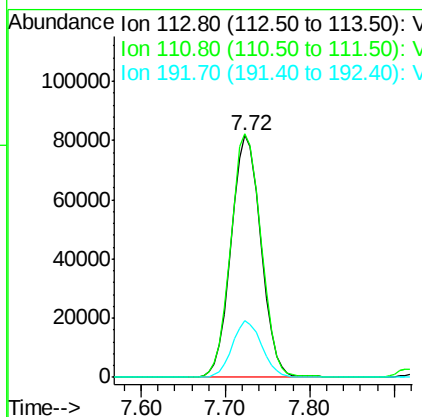
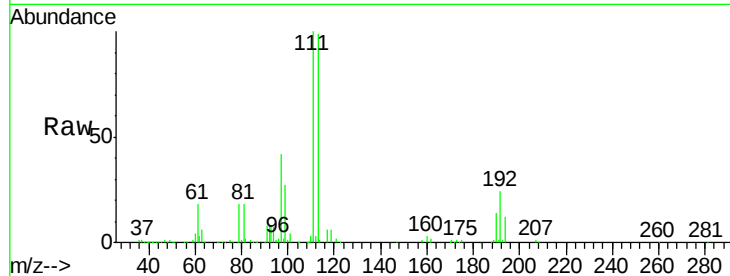
#35
Dibromofluoromethane
Concen: 50.694 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	195916		
111	102.3		82.6	123.8
192	23.1		18.1	27.1

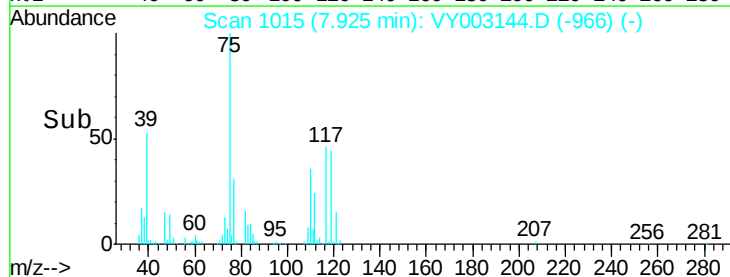
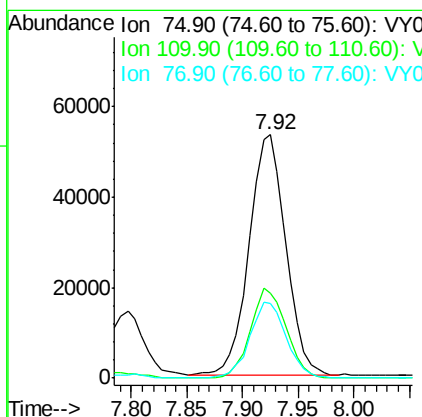
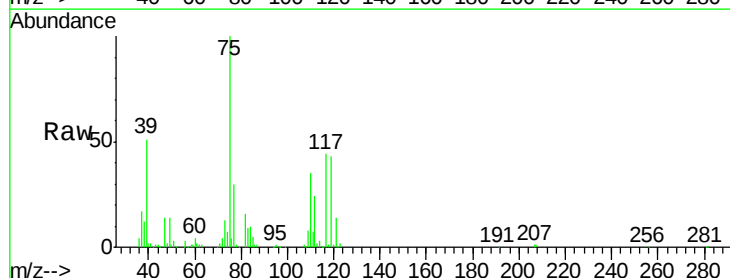
Manual Integrations
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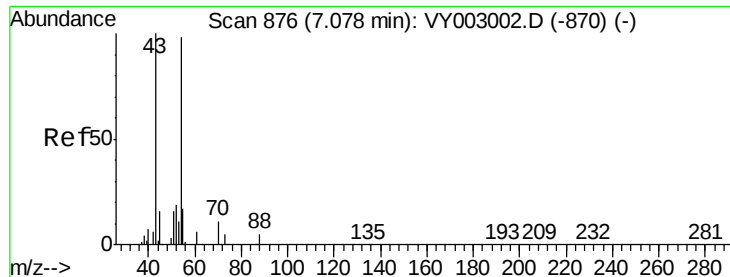
MMDadoda
7/10/2020 12:18:34 PM



#36
1,1-Dichloropropene
Concen: 20.345 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	121410		
110	36.4		17.1	51.2
77	31.4		24.9	37.3





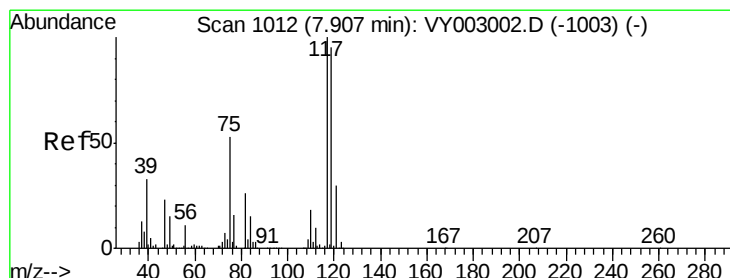
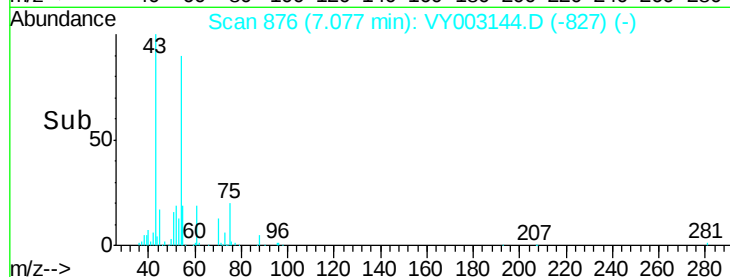
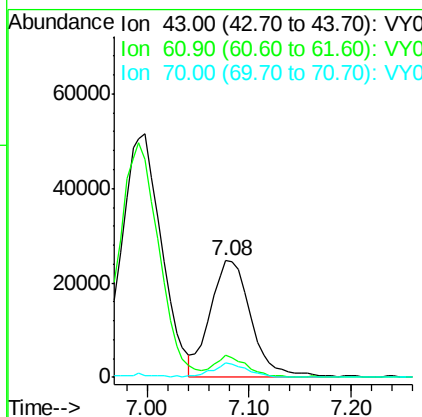
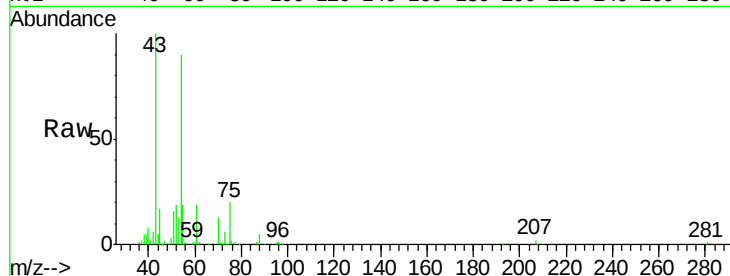
#37
Ethyl Acetate
Concen: 18.986 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	10.8	7.7	11.5

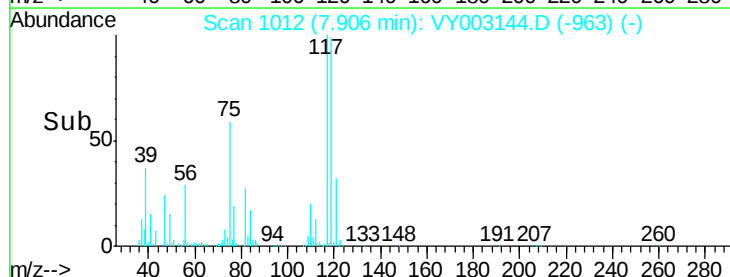
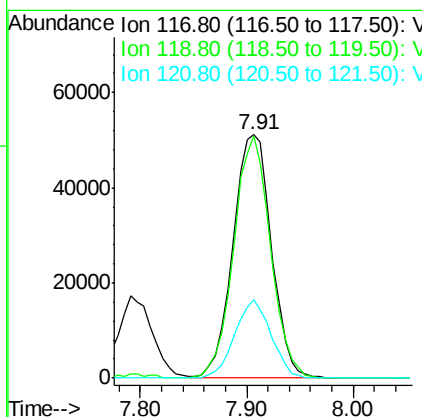
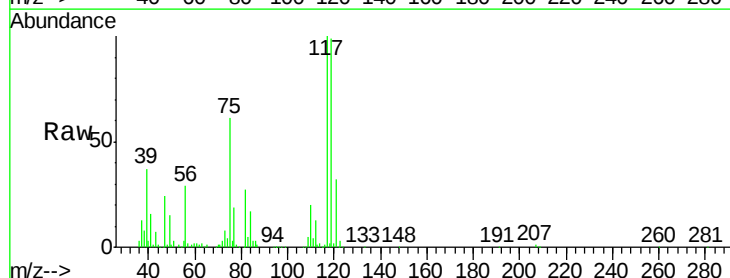
Manual Integrations
APPROVED

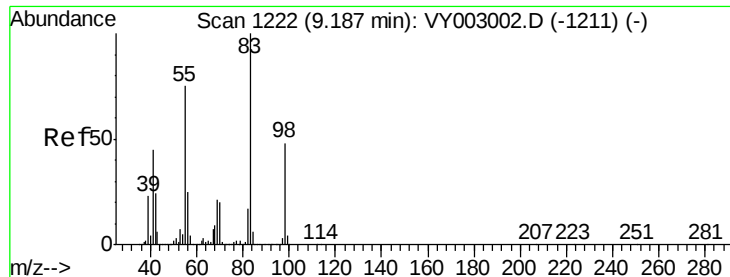
MMDadoda
7/10/2020 12:18:34 PM



#38
Carbon Tetrachloride
Concen: 20.942 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.7	113.5
121	32.2	23.9	35.9





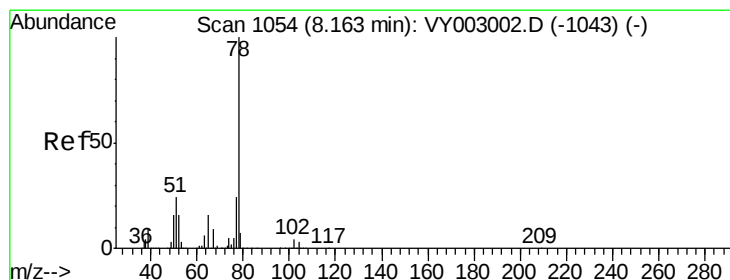
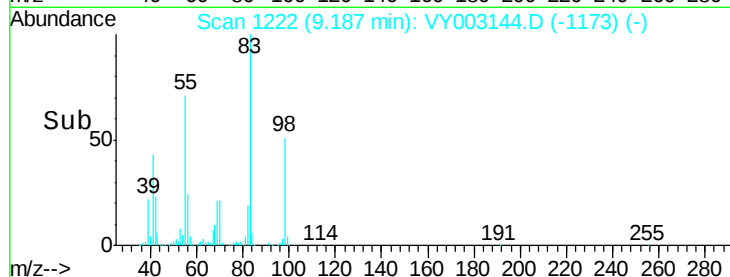
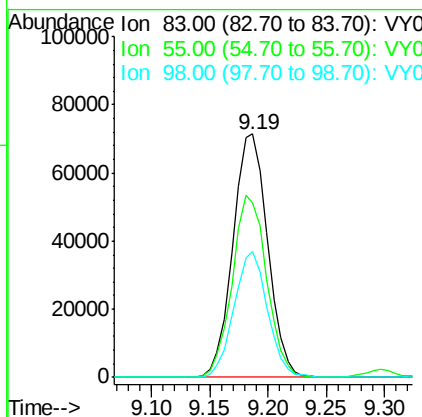
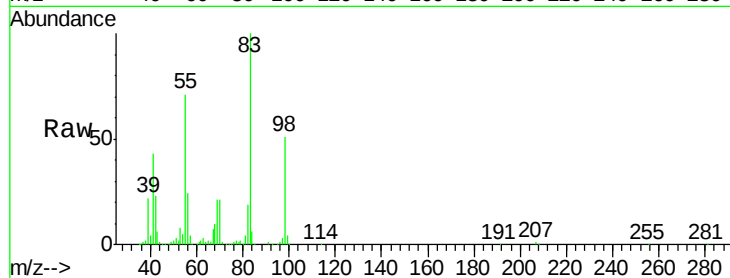
#39
Methvlcvclohexane
Concen: 20.162 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.4	59.9	89.9
98	51.4	38.7	58.1

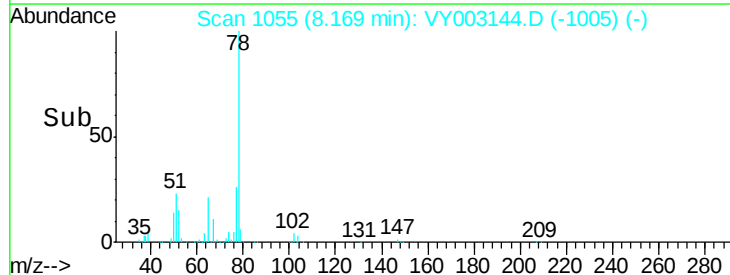
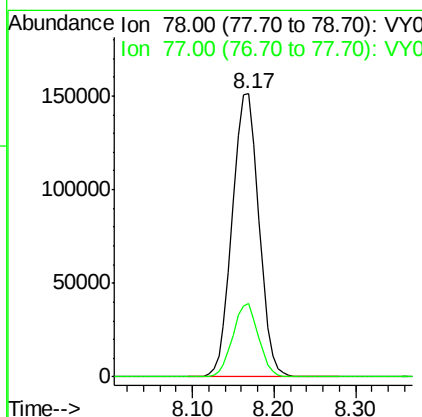
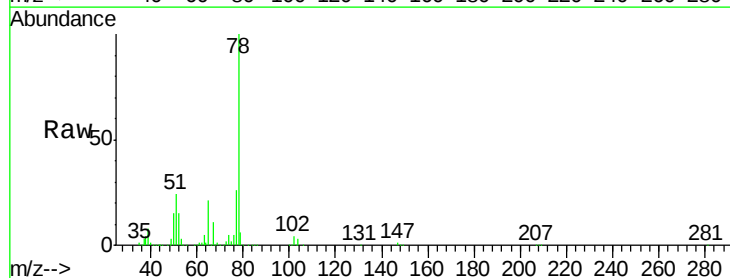
Manual Integrations
APPROVED

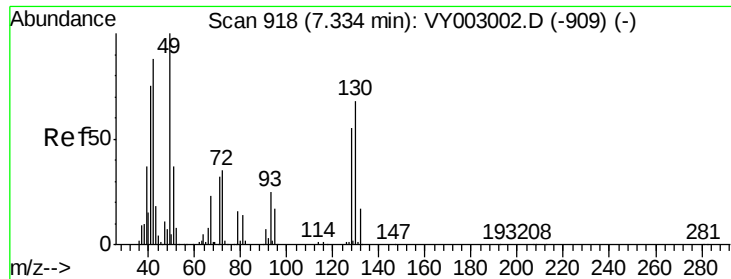
MMDadoda
7/10/2020 12:18:34 PM



#40
Benzene
Concen: 20.812 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.1	19.2	28.8





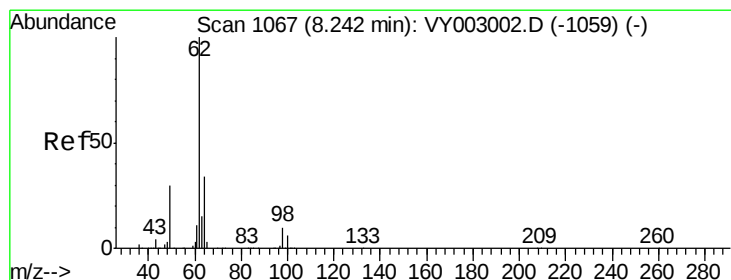
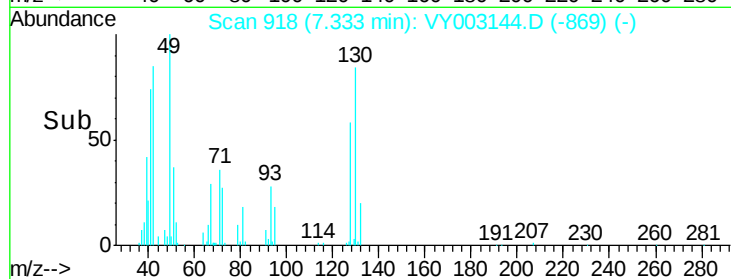
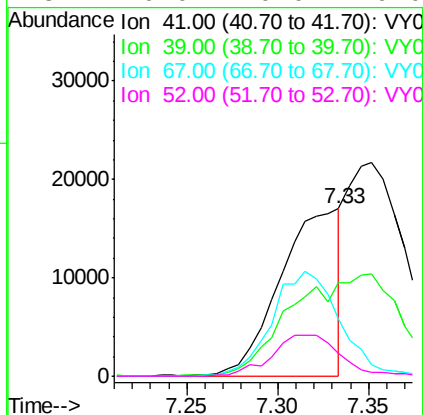
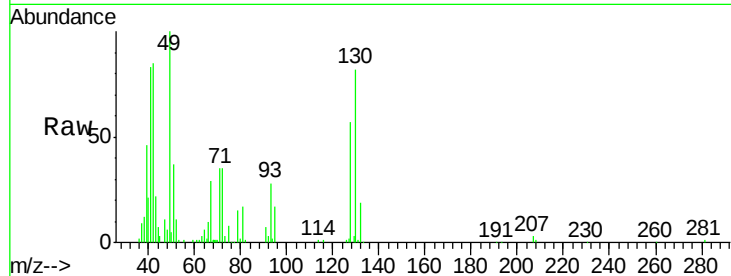
#41
Methacrylonitrile
Concen: 20.672 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBSD01

Tot Ion	41	Resp	39621
Ion	Ratio	Lower	Upper
41	100		
39	110.2	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

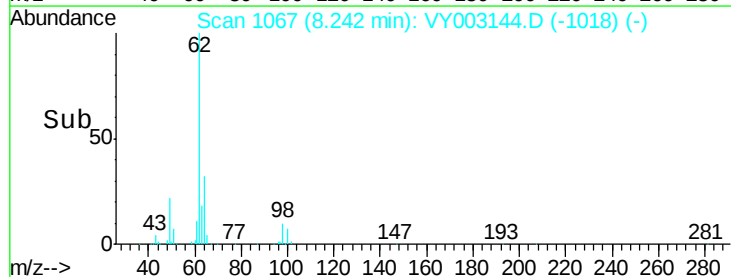
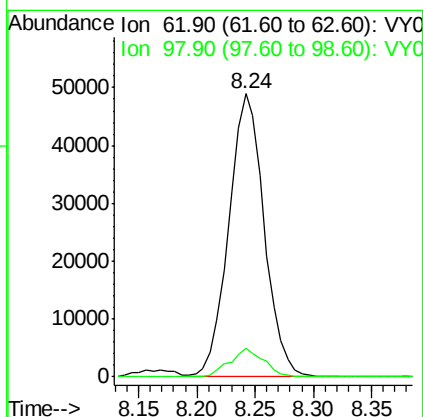
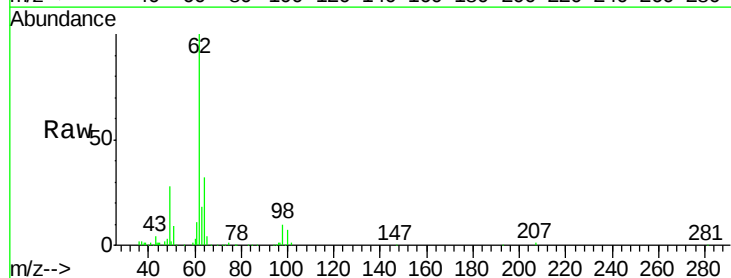
Manual Integrations
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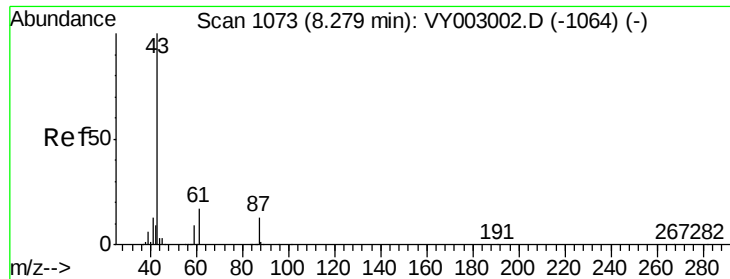
MMDadoda
7/10/2020 12:18:34 PM



#42
1,2-Dichloroethane
Concen: 20.029 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	62	Resp	103518
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.257 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

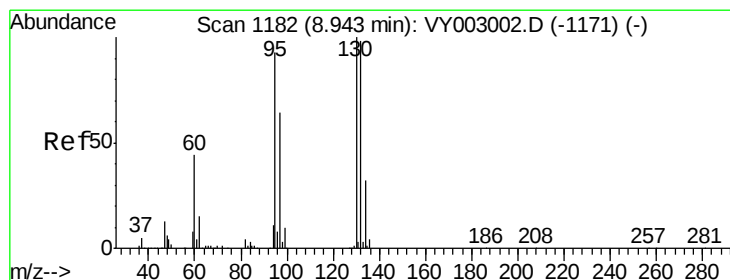
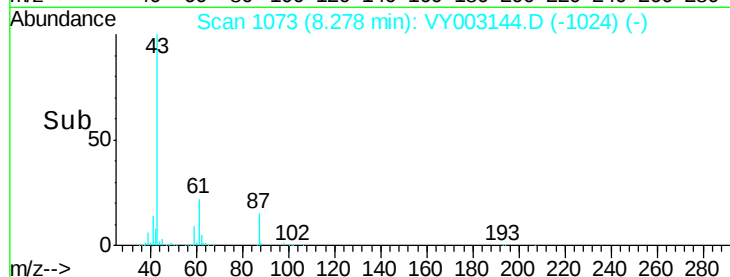
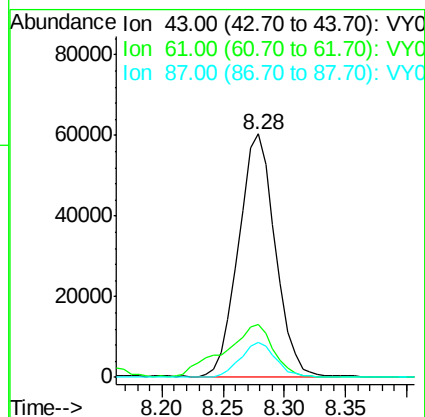
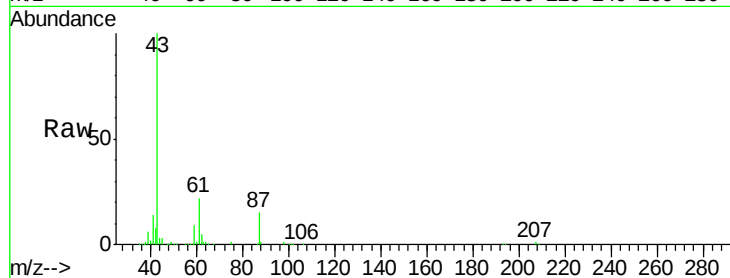
ClientSampleId :

VY0709SBS01

Tot Ion:	43	Resp:	124527
Ion	Ratio	Lower	Upper
43	100		
61	29.8	21.8	32.6
87	14.1	10.1	15.1

Manual Integrations
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7/10/2020 12:18:34 PM



#44

Trichloroethene

Concen: 22.299 ug/l

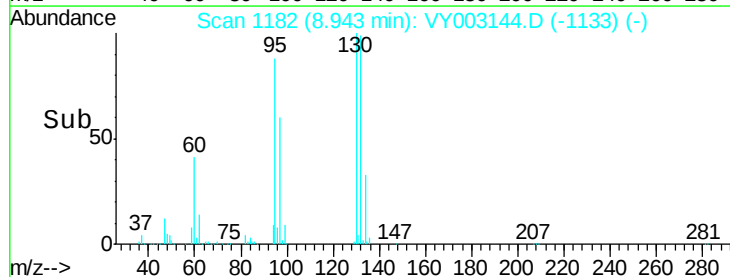
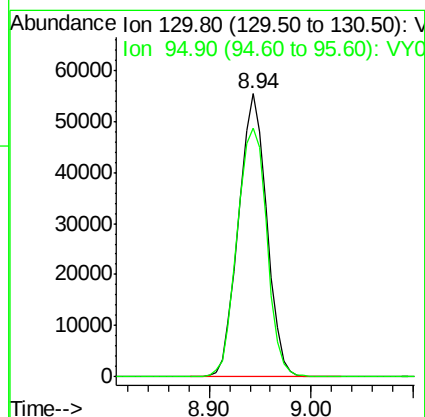
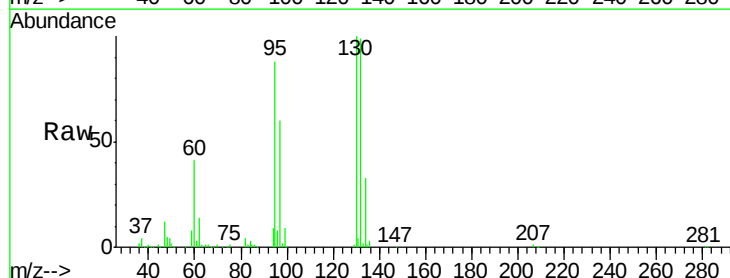
RT: 8.94 min Scan# 1182

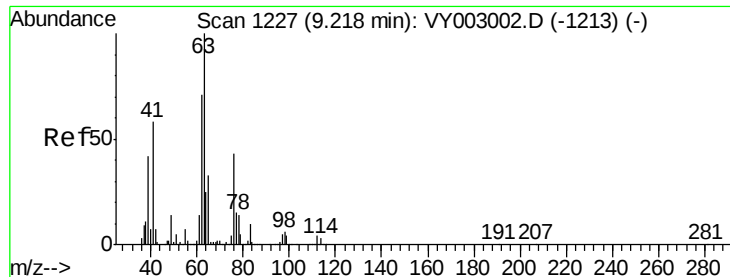
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	130	Resp:	105885
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	186.4





#45

1,2-Dichloropropane

Concen: 20.117 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 63 Resp: 88420

Ion Ratio Lower Upper

63 100

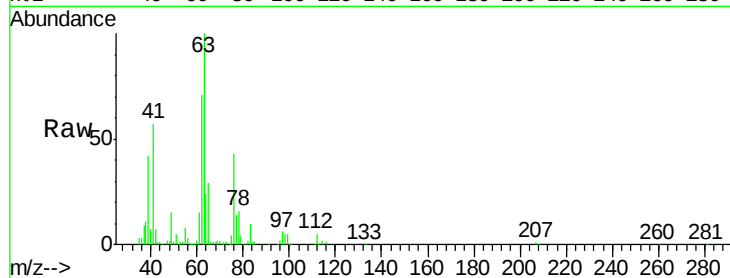
65 29.0 26.2 39.4

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

50000

40000

30000

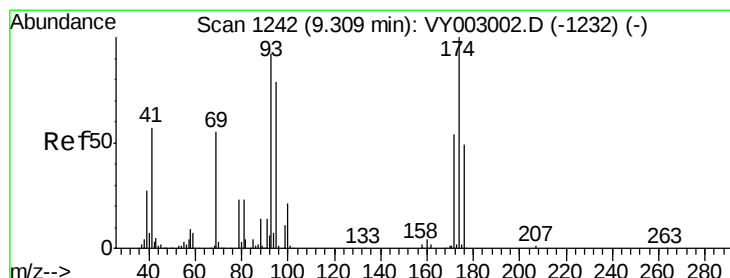
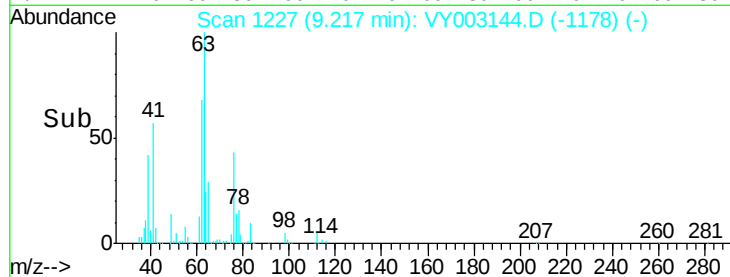
20000

10000

0

Time-->

9.10 9.20 9.30



#46

Dibromomethane

Concen: 21.130 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

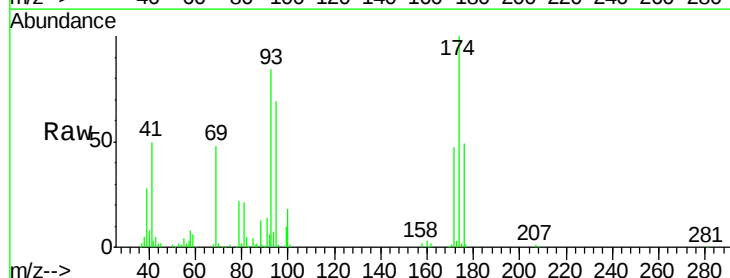
Tgt Ion: 93 Resp: 51871

Ion Ratio Lower Upper

93 100

95 80.1 67.6 101.4

174 116.1 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

40000

30000

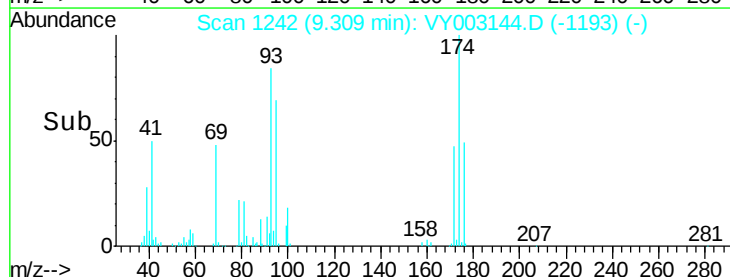
20000

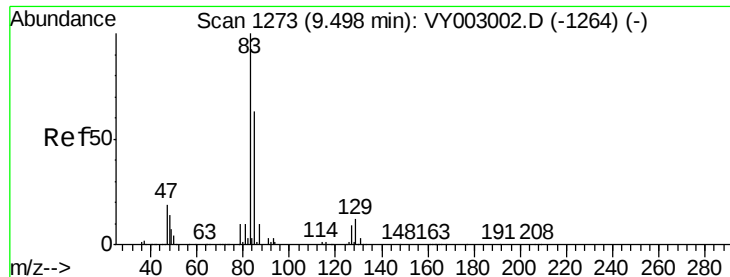
10000

0

Time-->

9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 20.138 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

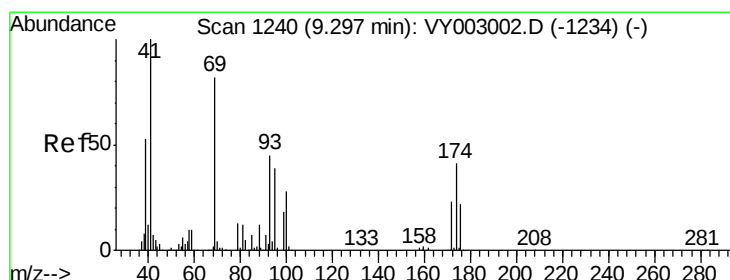
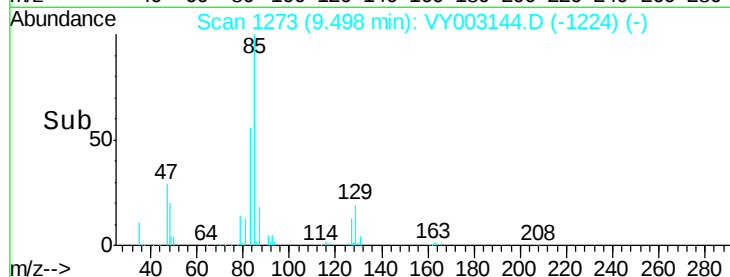
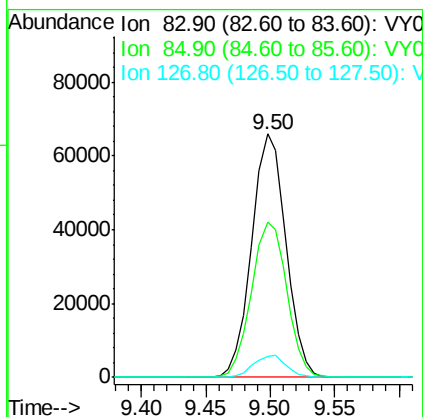
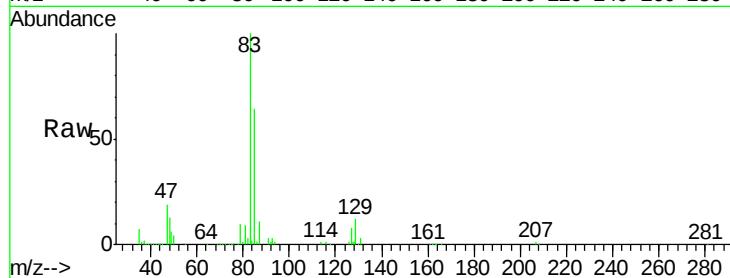
ClientSampleId :

VY0709SBS01

Tot Ion:	83	Resp:	121052
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.5	75.7
127	8.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.051 ug/l

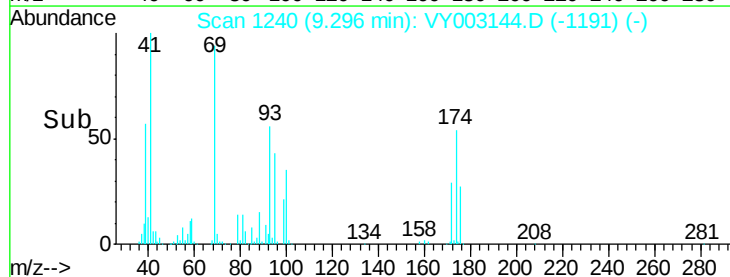
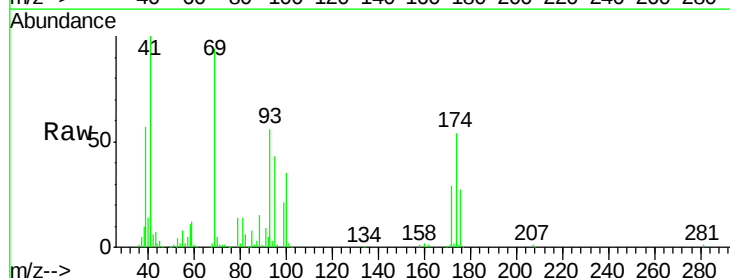
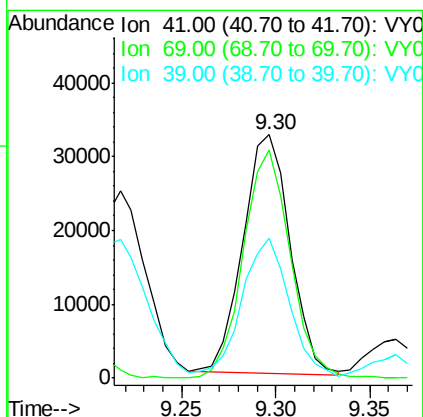
RT: 9.30 min Scan# 1240

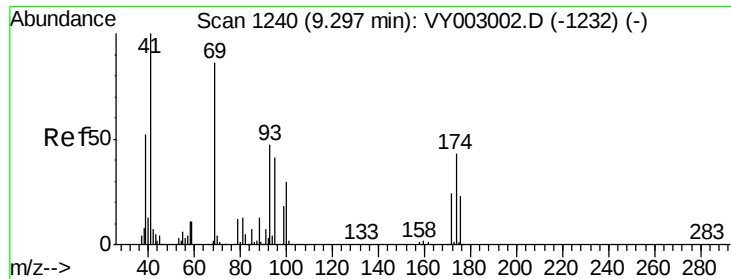
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	41	Resp:	56044
Ion	Ratio	Lower	Upper
41	100		
69	95.3	67.7	101.5
39	60.0	45.0	67.4





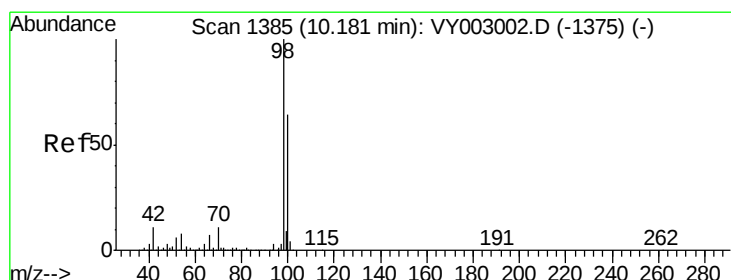
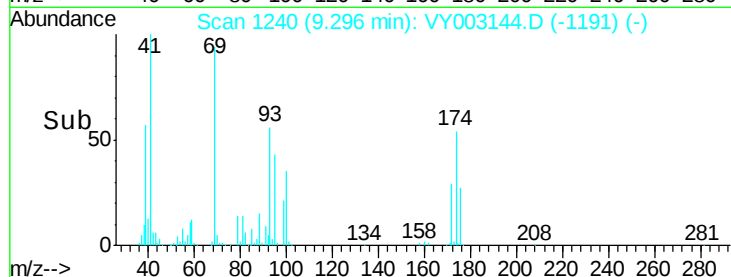
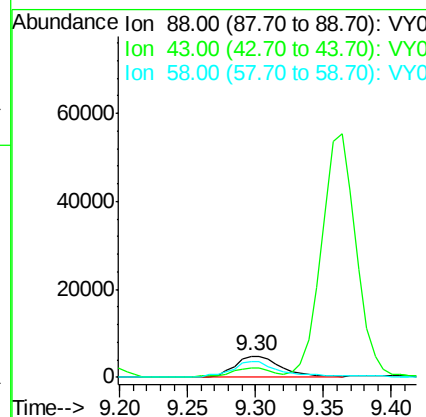
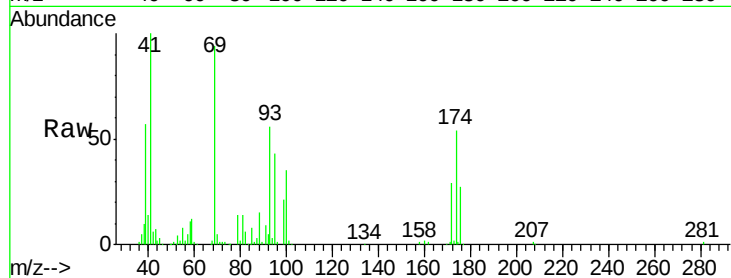
#49
1,4-Dioxane
Concen: 395.841 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	88	Resp	11862
Ion	Ratio	Lower	Upper
88	100		
43	38.5	28.6	42.8
58	78.6	56.7	85.1

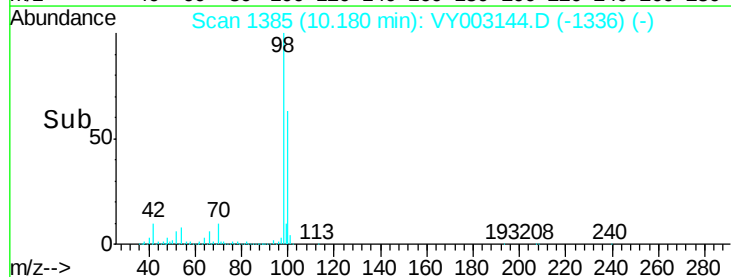
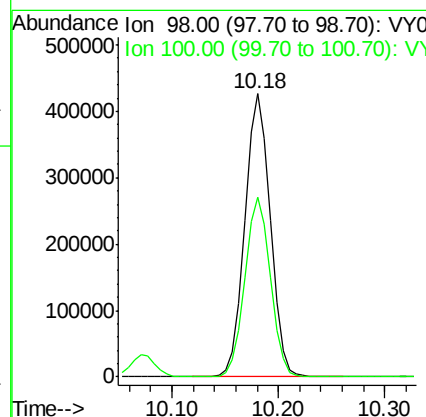
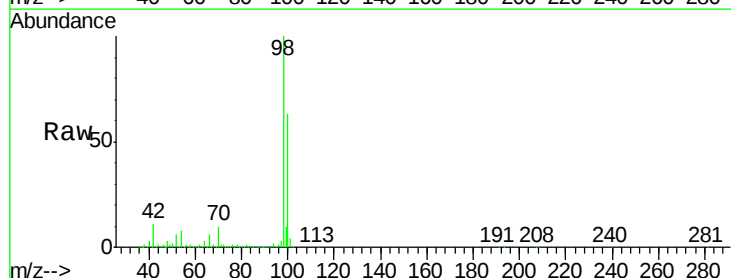
Manual Integrations
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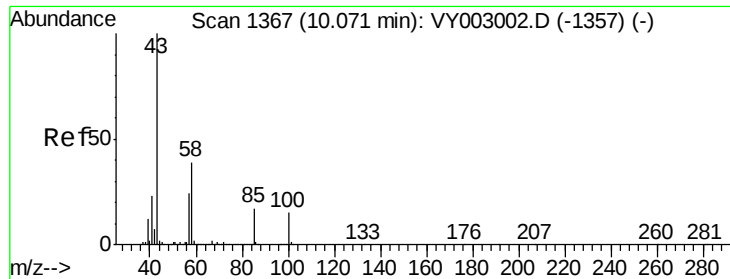
MMDadoda
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#50
Toluene-d8
Concen: 49.798 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	98	Resp	716970
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 94.214 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 43 Resp: 332144

Ion Ratio Lower Upper

43 100

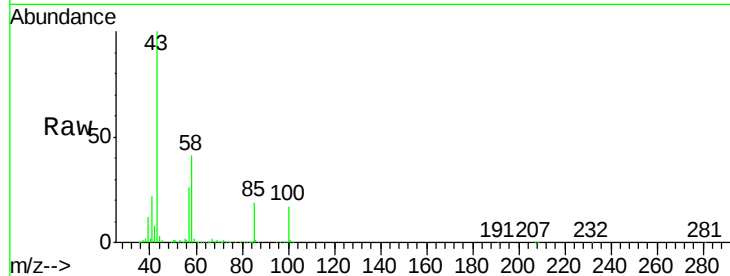
58 41.1 31.1 46.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

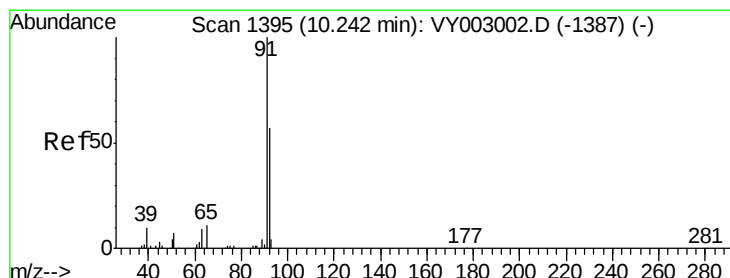
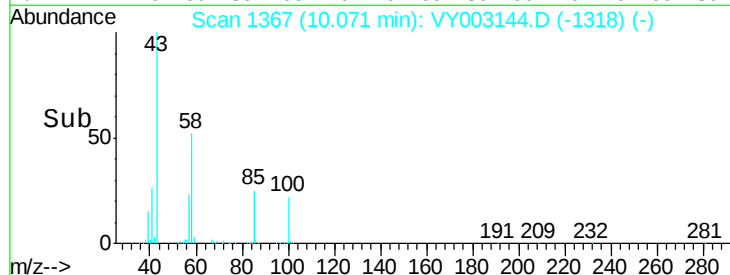
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.186 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003144.D

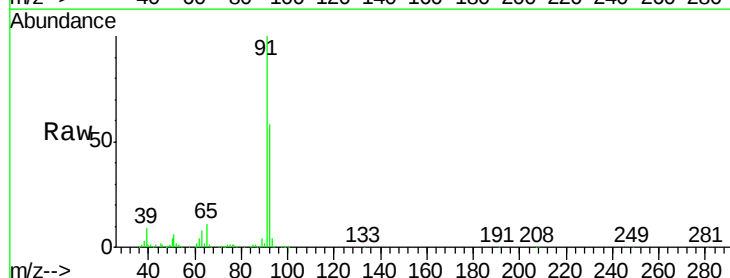
Acq: 09 Jul 2020 14:07

Tgt Ion: 92 Resp: 217885

Ion Ratio Lower Upper

92 100

91 174.7 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

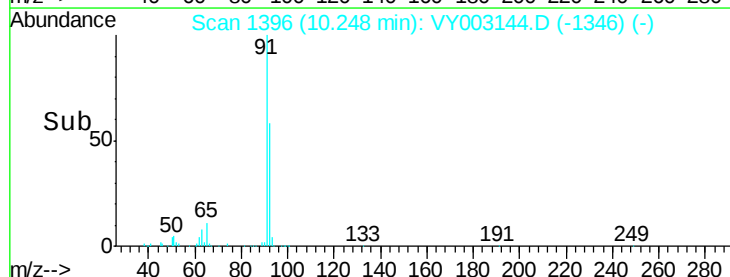
150000

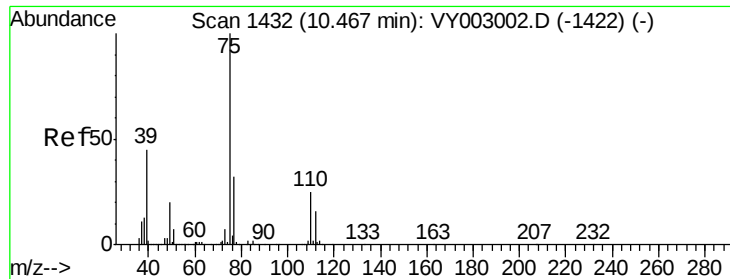
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.118 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 75 Resp: 126790

Ion Ratio Lower Upper

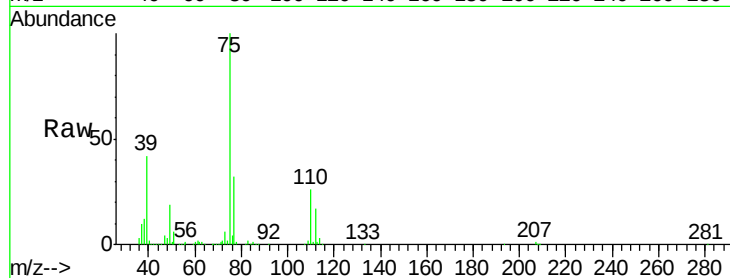
75 100

77 32.4 25.9 38.9

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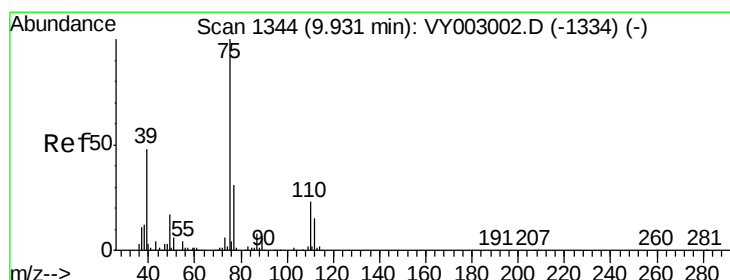
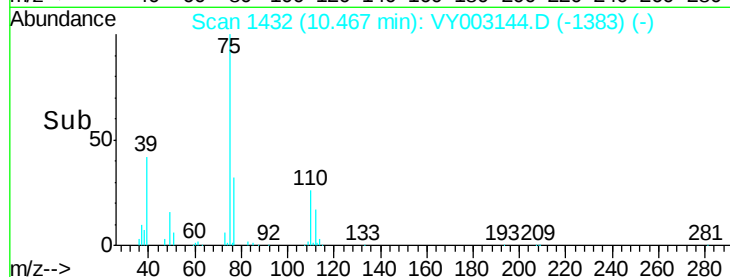
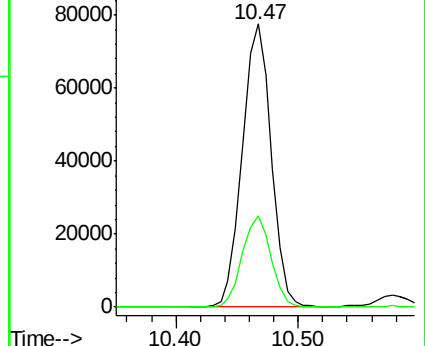
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.083 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

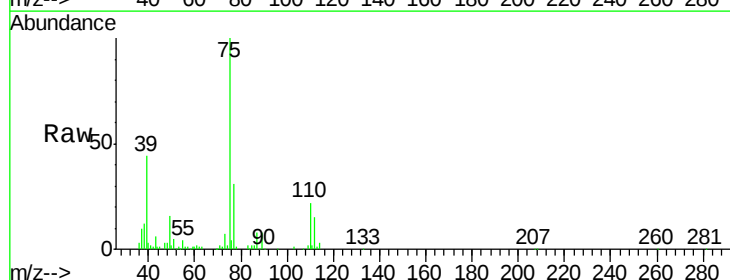
Tgt Ion: 75 Resp: 144749

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0

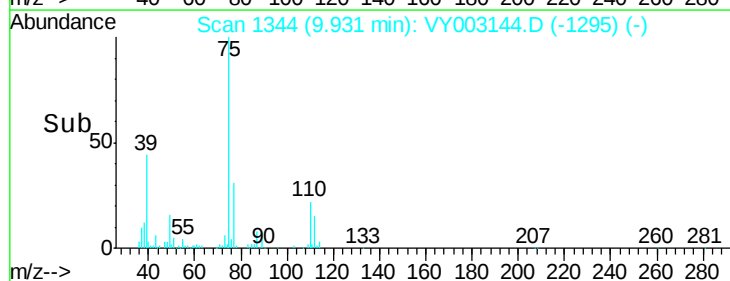
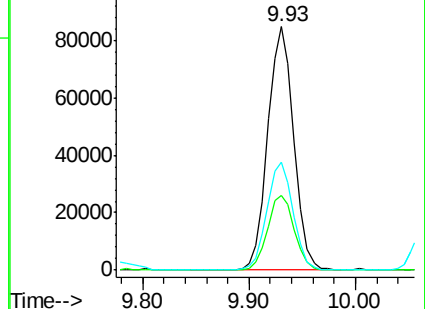
39 44.5 38.3 57.5

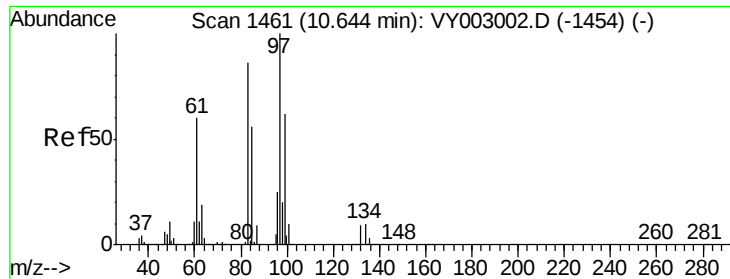


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





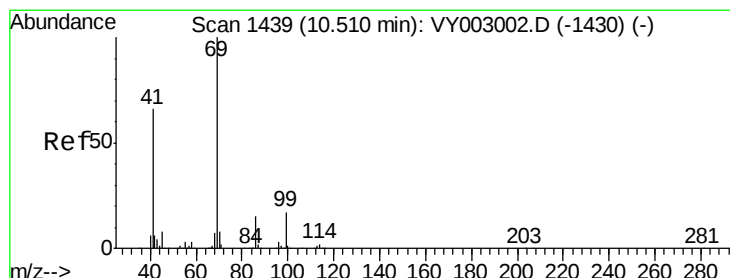
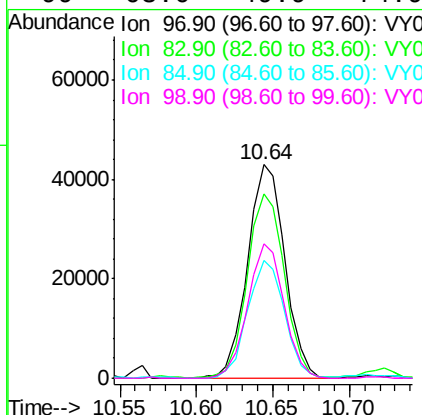
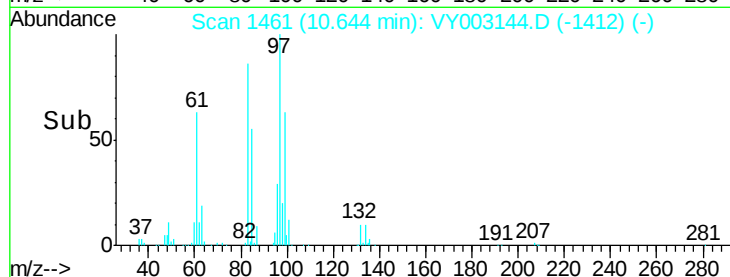
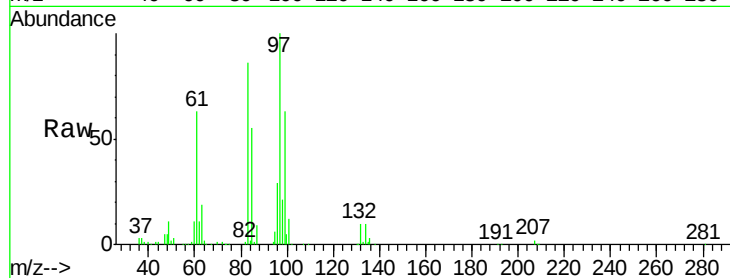
#55
 1,1,2-Trichloroethane
 Concen: 21.323 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Tot Ion:	97	Resp:	72738
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.4	44.8	67.2
99	63.0	49.9	74.9

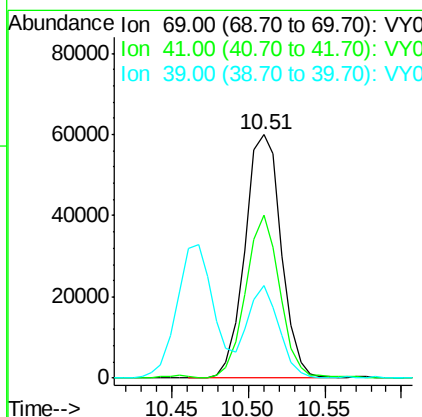
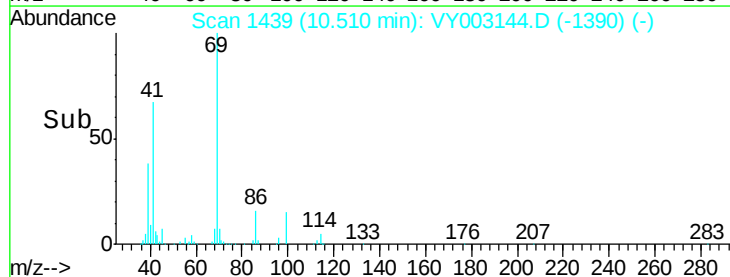
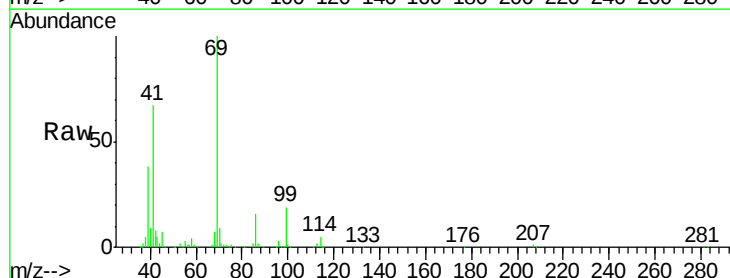
Manual Integrations
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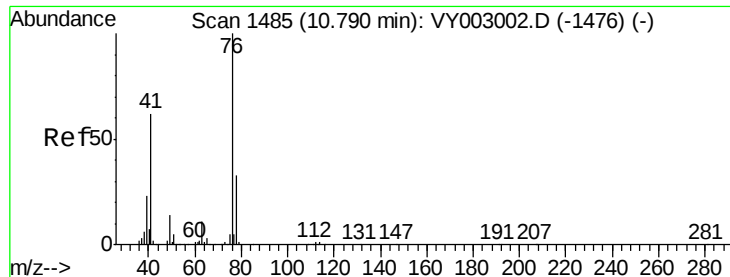
MMDadoda
 7/10/2020 12:18:34 PM



#56
 Ethyl methacrylate
 Concen: 20.031 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Tgt Ion:	69	Resp:	98915
Ion	Ratio	Lower	Upper
69	100		
41	62.6	53.7	80.5
39	32.3	28.3	42.5





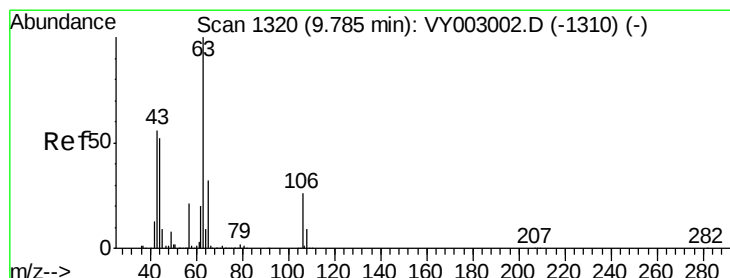
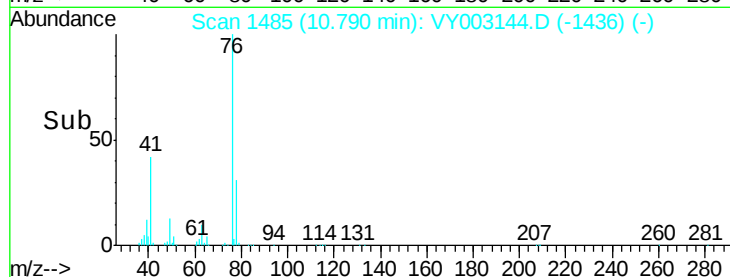
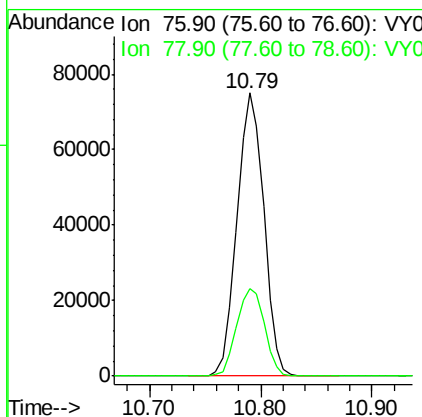
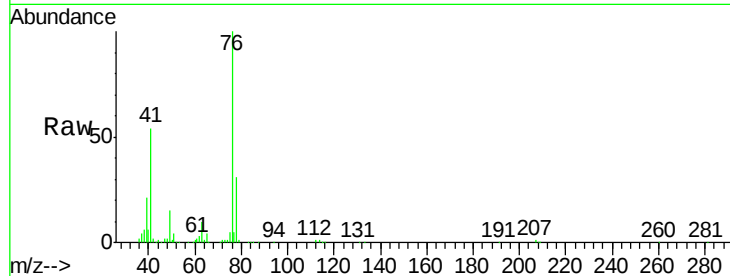
#57
 1,3-Dichloropropane
 Concen: 20.939 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

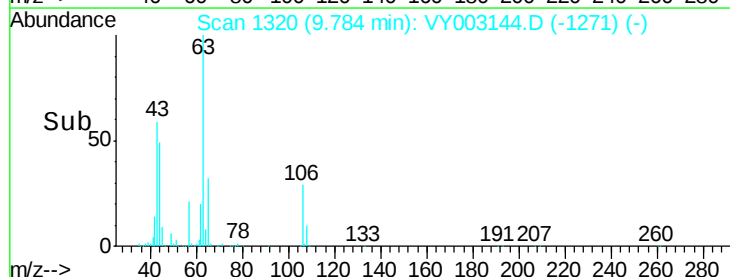
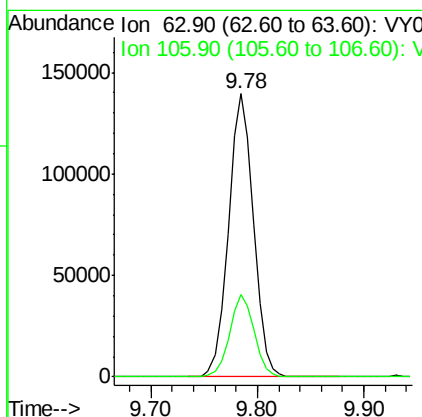
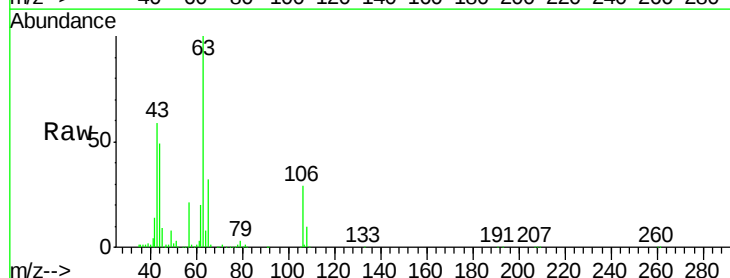
Manual Integrations
 APPROVED

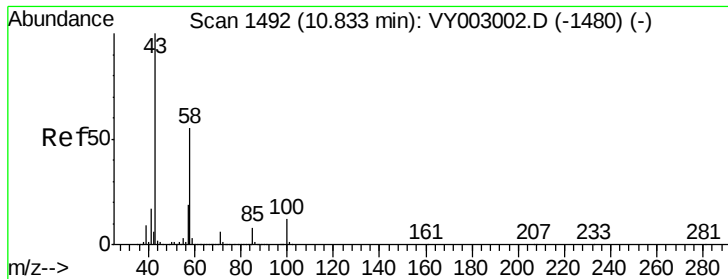
MMDadoda
 7/10/2020 12:18:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.356 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.5	32.3





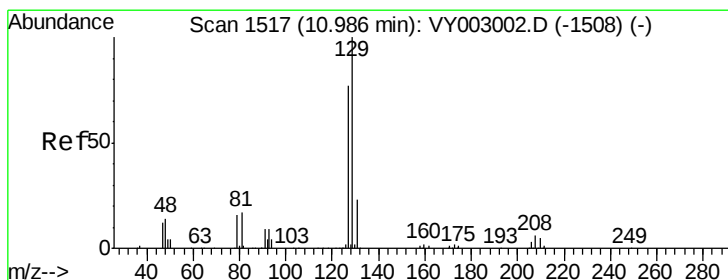
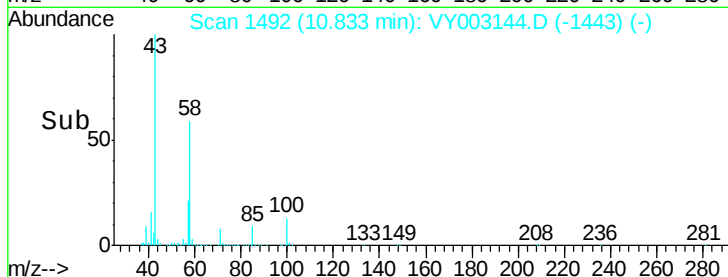
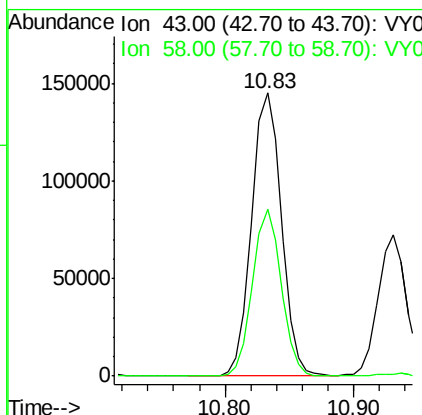
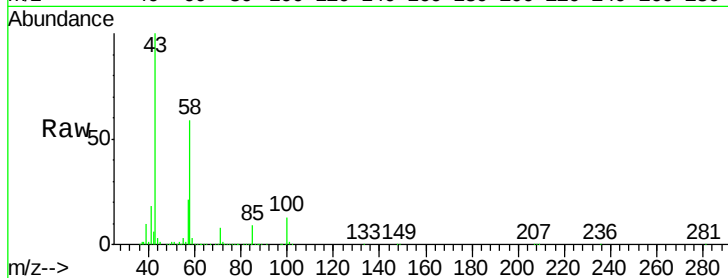
#59
2-Hexanone
Concen: 93.358 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion: 43 Resp: 230048
Ion Ratio Lower Upper
43 100
58 57.3 27.5 82.4

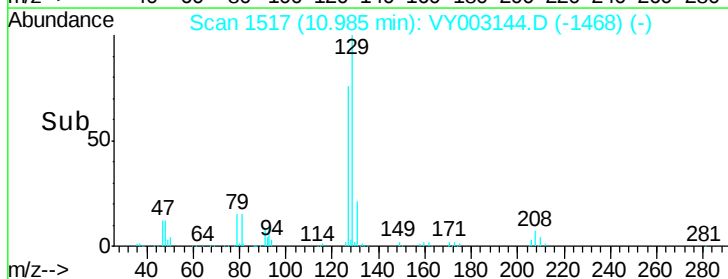
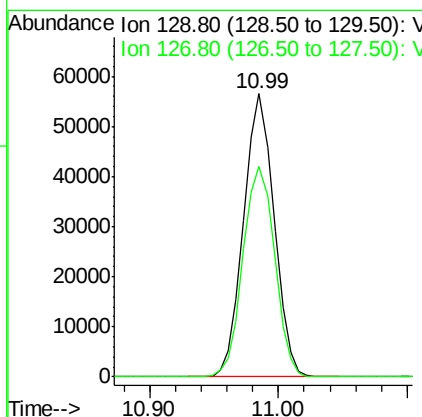
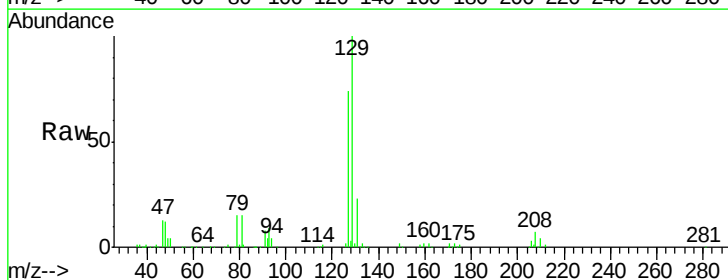
Manual Integrations
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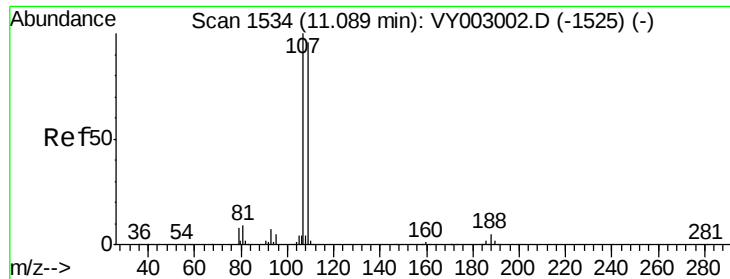
MMDadoda
7/10/2020 12:18:34 PM



#60
Dibromochloromethane
Concen: 21.251 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion: 129 Resp: 92770
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





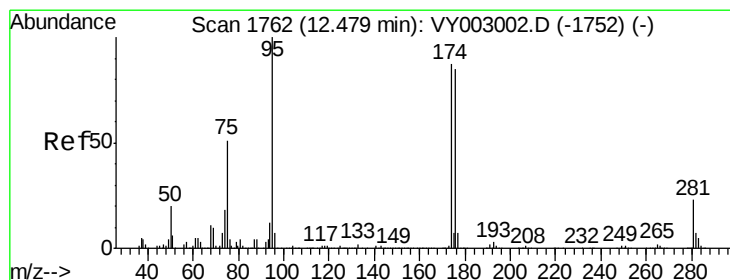
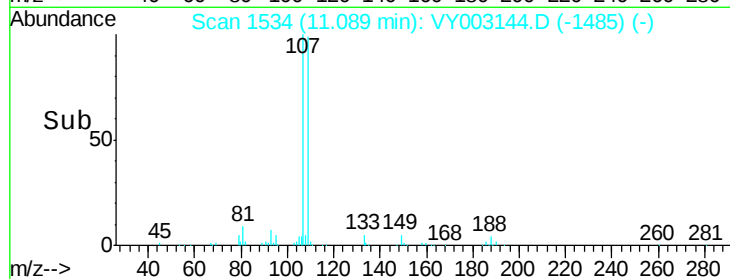
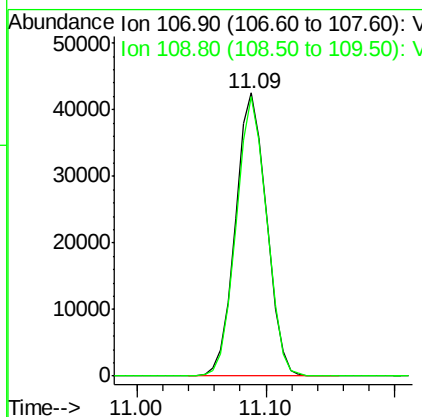
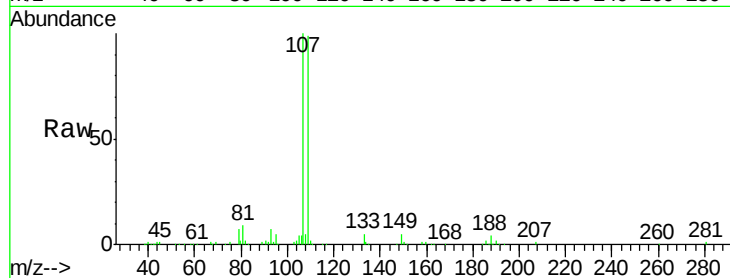
#61
 1,2-Dibromoethane
 Concen: 21.093 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	75.8	113.8

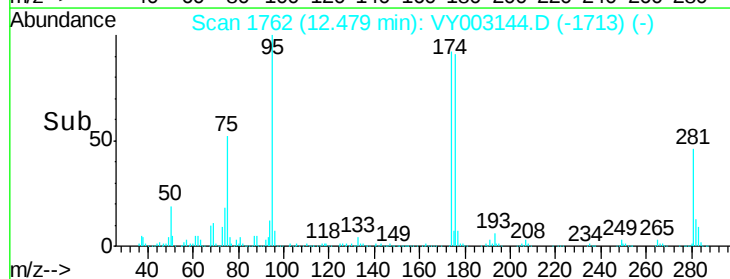
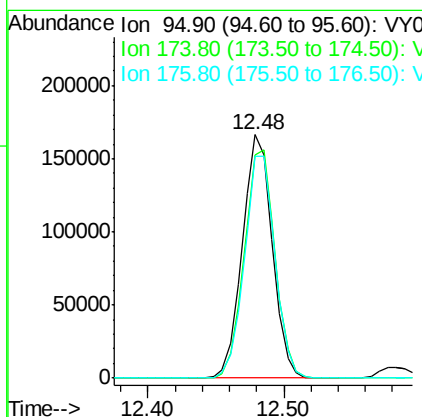
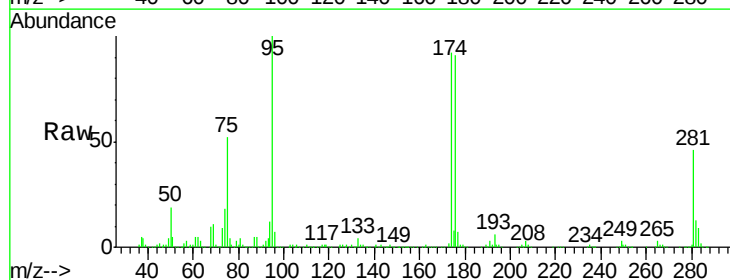
Manual Integrations
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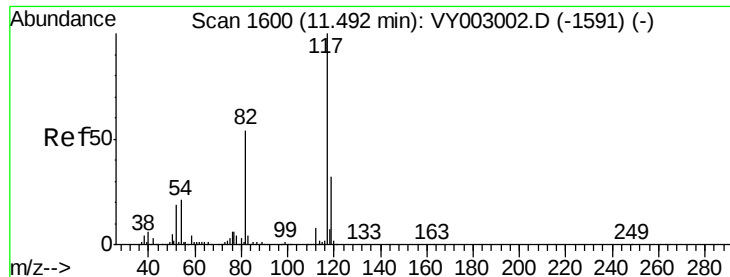
MMDadoda
 7/10/2020 12:18:34 PM



#62
 4-Bromofluorobenzene
 Concen: 50.272 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	184.8
176	93.8	0.0	183.0





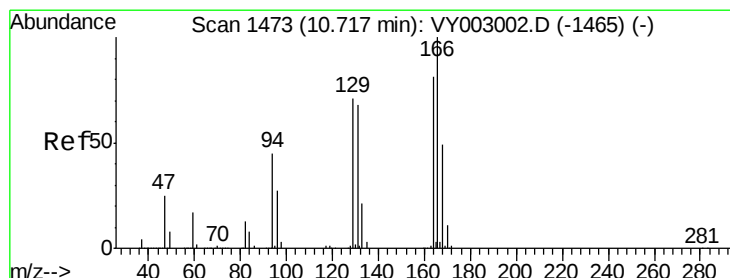
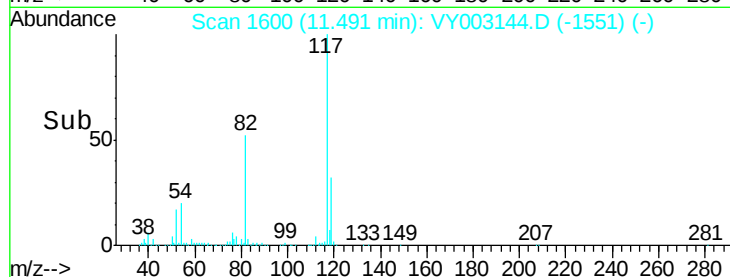
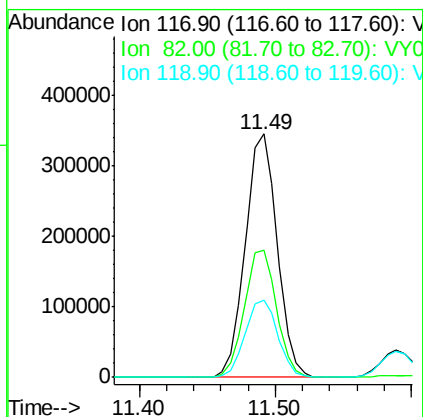
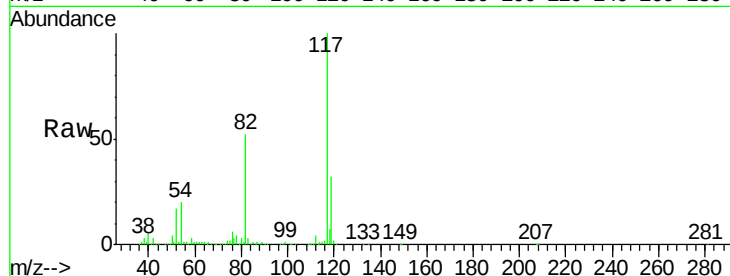
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.6
119	31.7	25.8	38.8

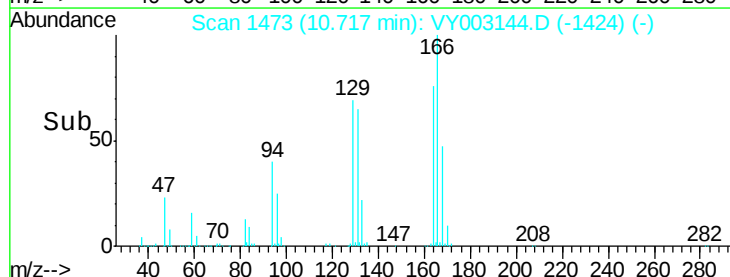
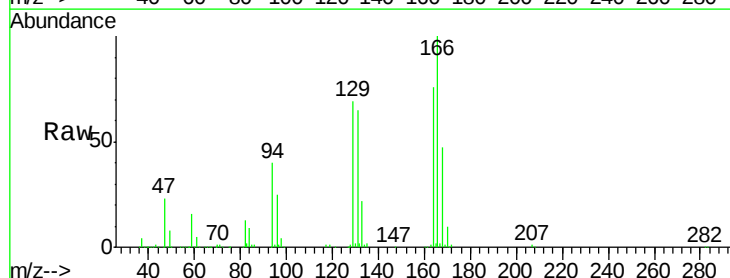
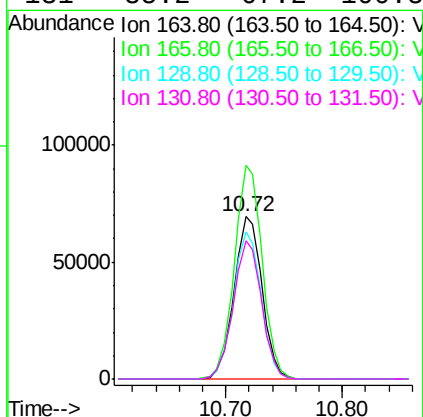
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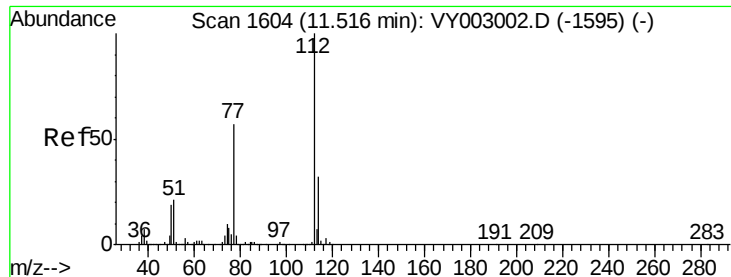
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#64
Tetrachloroethene
Concen: 24.307 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	98.5	147.7
129	90.4	69.7	104.5
131	85.2	67.2	100.8





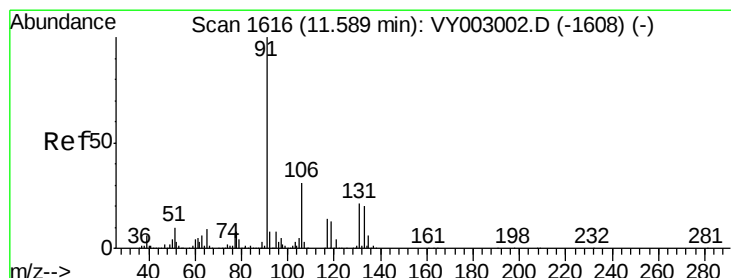
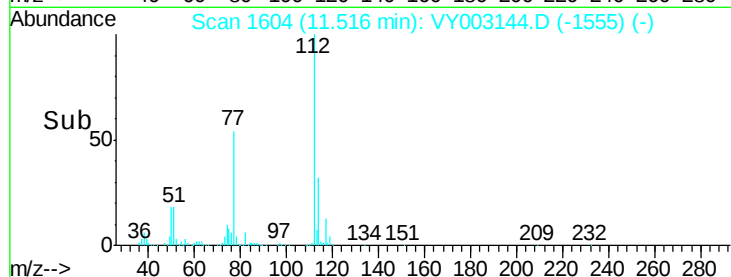
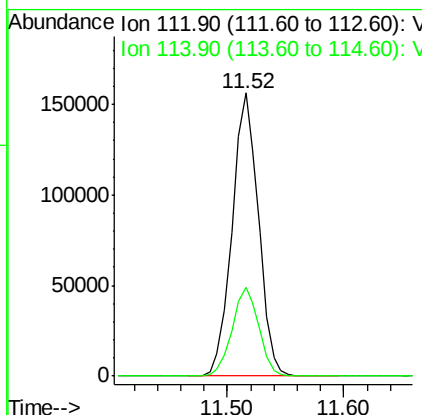
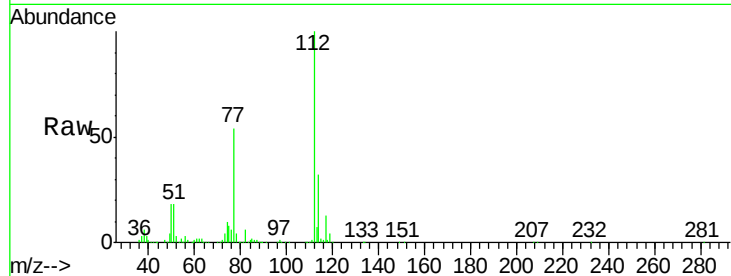
#65
Chlorobenzene
Concen: 21.935 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5

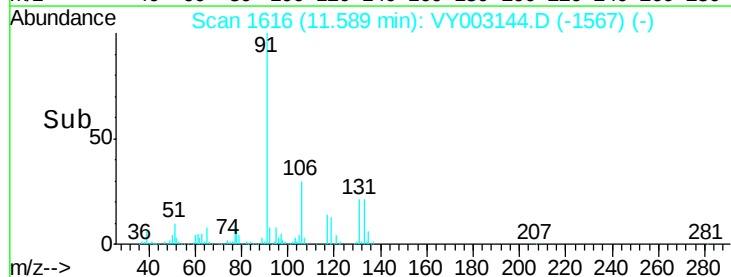
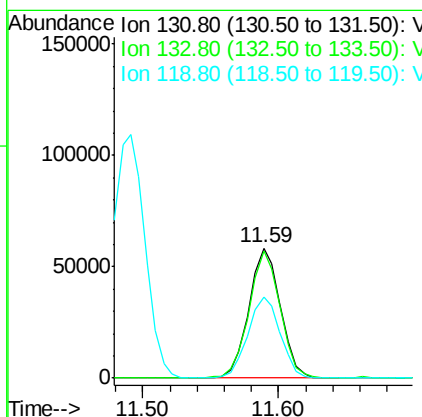
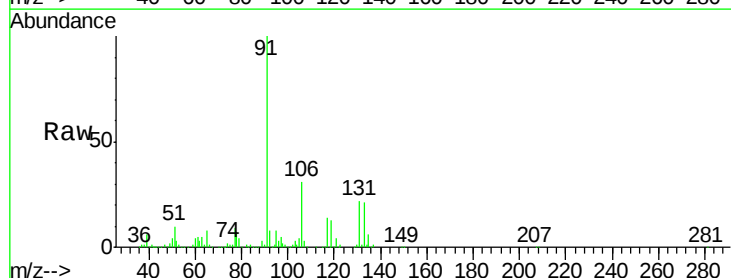
Manual Integrations
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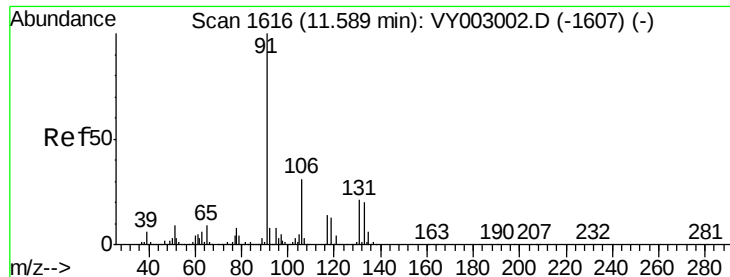
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.665 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.9	143.8
119	64.2	31.8	95.3





#67

Ethyl Benzene

Concen: 21.070 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 91 Resp: 431767

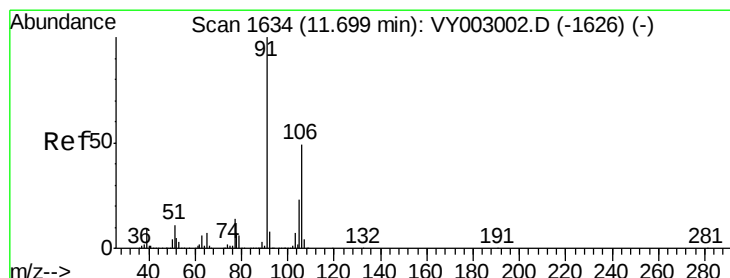
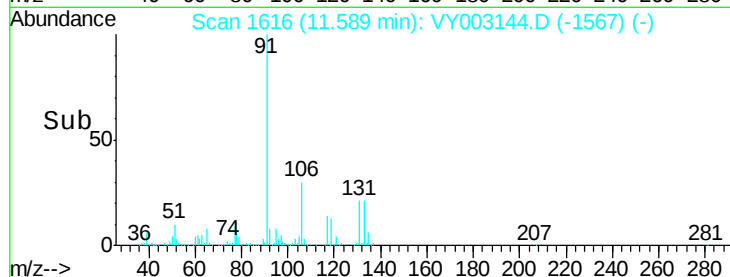
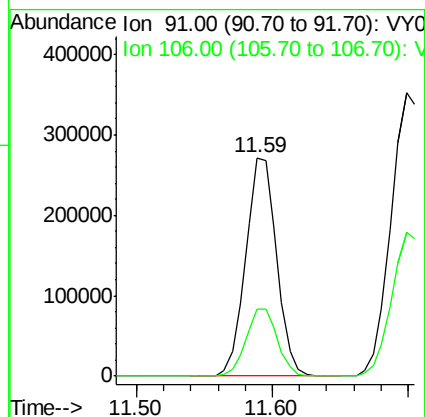
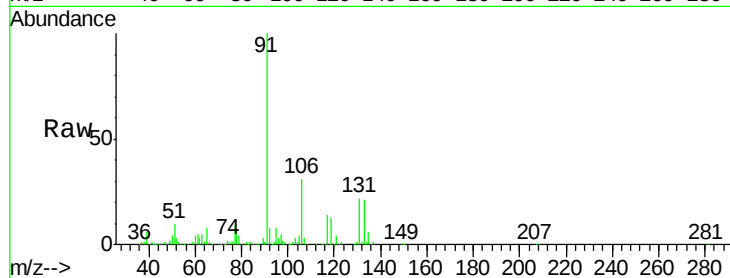
Ion Ratio Lower Upper

91 100

106 30.5 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 42.916 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003144.D

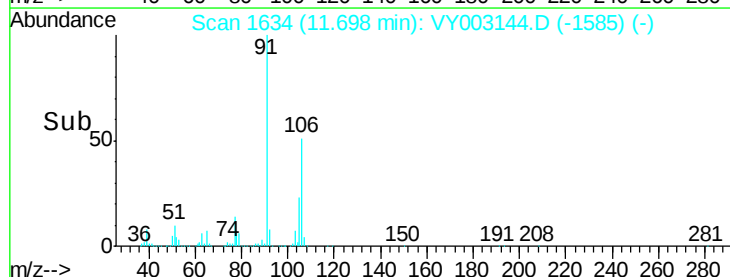
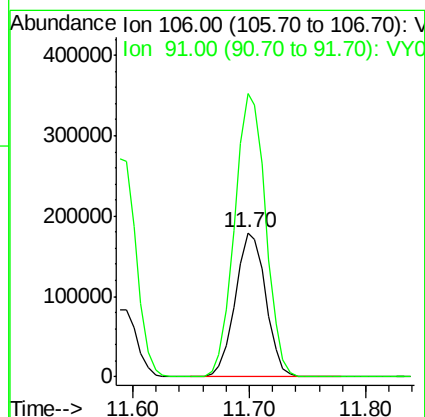
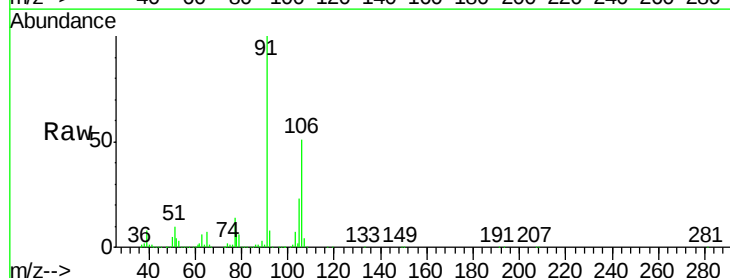
Acq: 09 Jul 2020 14:07

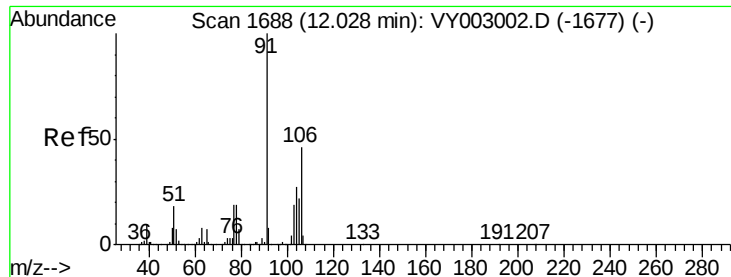
Tgt Ion: 106 Resp: 327309

Ion Ratio Lower Upper

106 100

91 199.6 161.9 242.9





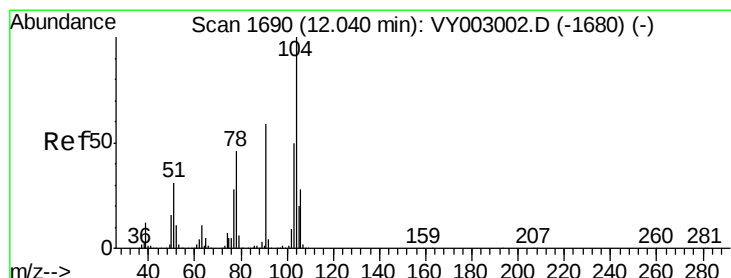
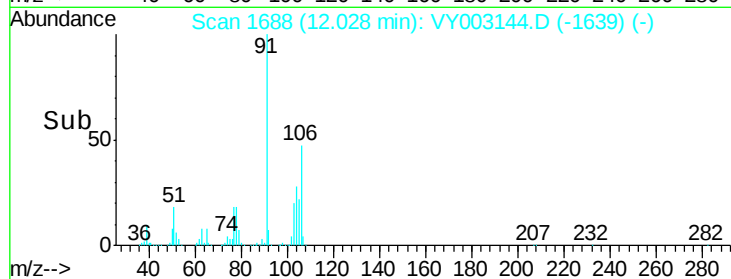
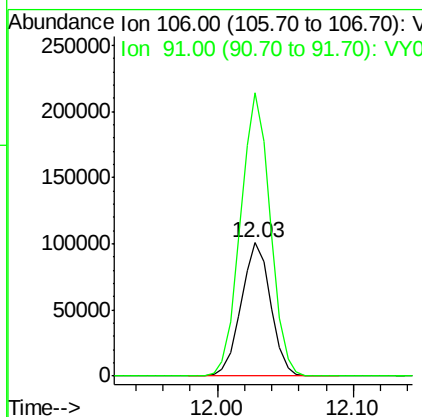
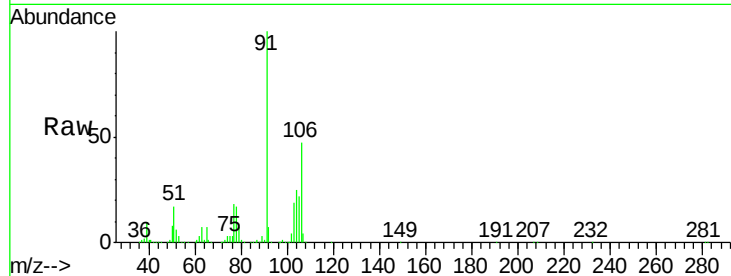
#69
o-Xylene
Concen: 21.245 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.3	107.9	323.8	

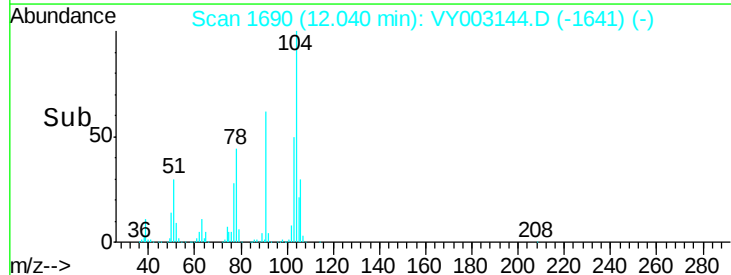
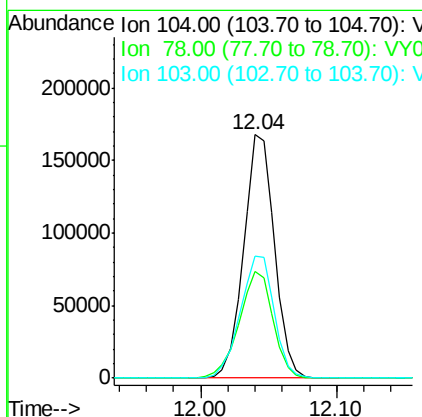
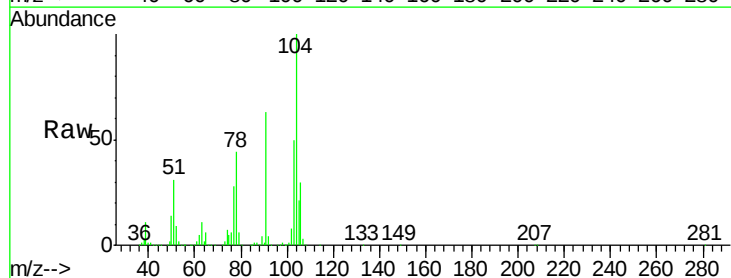
Manual Integrations
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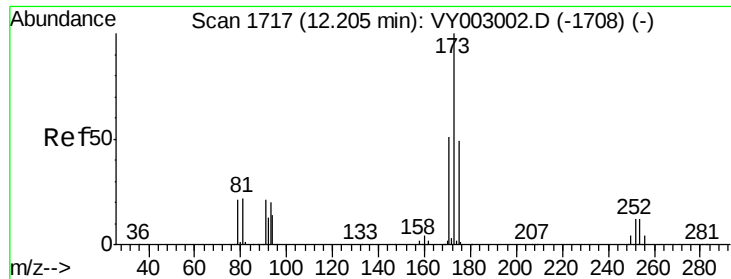
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#70
Styrene
Concen: 21.590 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.9	40.4	60.6	
103	55.3	44.1	66.1	





#71

Bromoform

Concen: 20.988 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

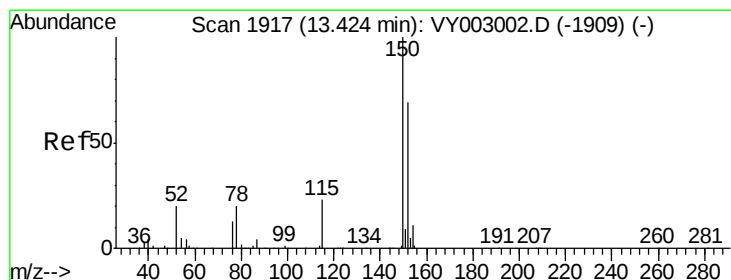
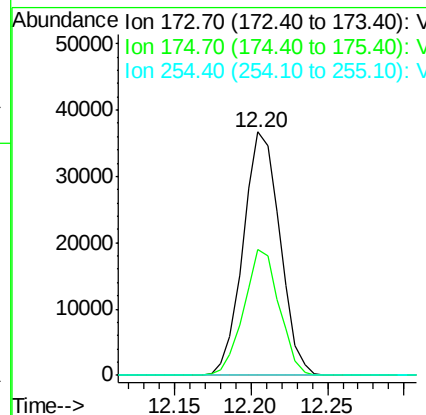
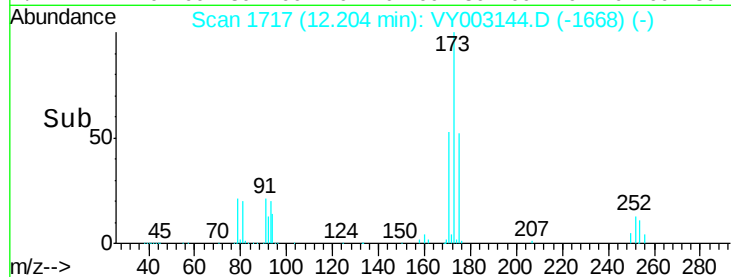
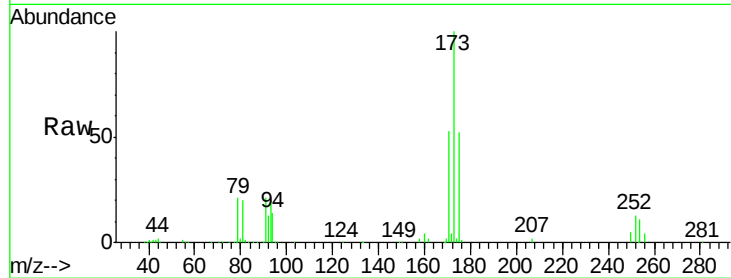
ClientSampleId :

VY0709SBS01

Tot Ion:	173	Resp:	61202
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.6	73.6
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

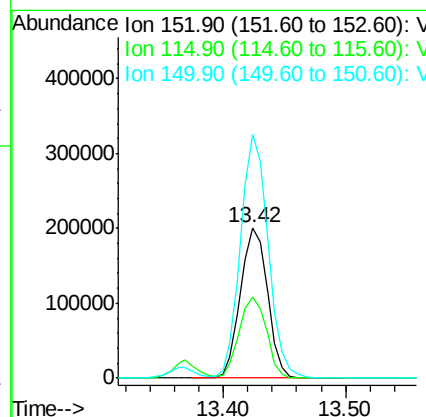
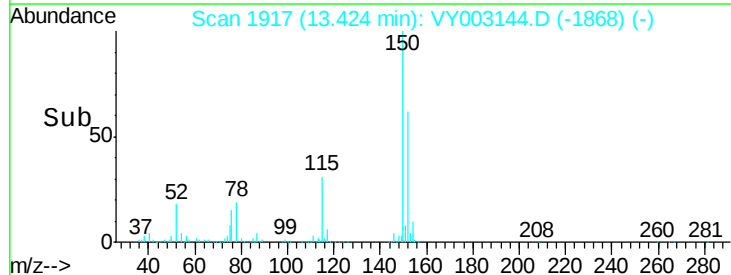
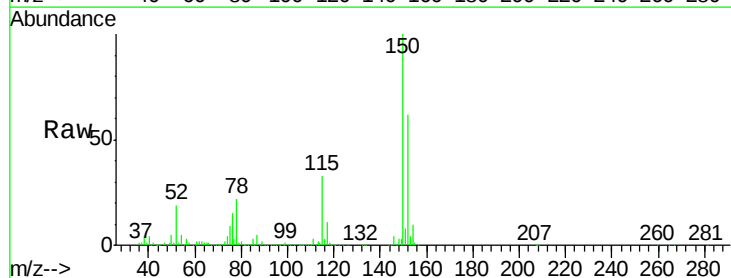
RT: 13.42 min Scan# 1917

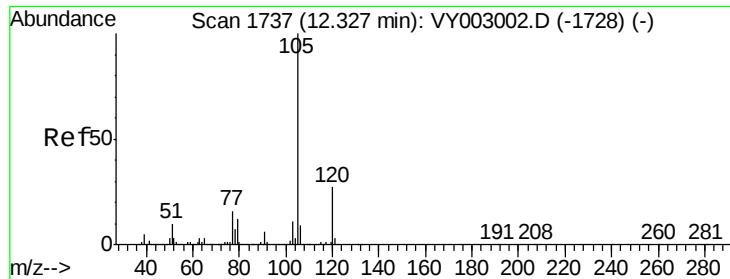
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	152	Resp:	306327
Ion Ratio	Lower	Upper	
152	100		
115	54.3	27.3	81.9
150	166.0	0.0	343.4





#73

Isopropylbenzene

Concen: 21.084 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 105 Resp: 422685

Ion Ratio Lower Upper

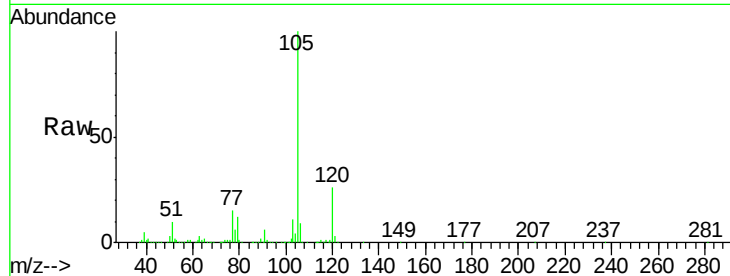
105 100

120 27.0 13.4 40.1

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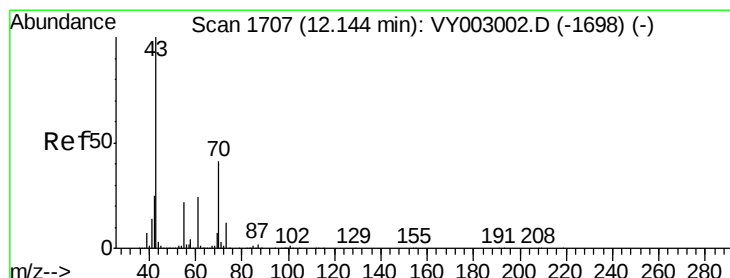
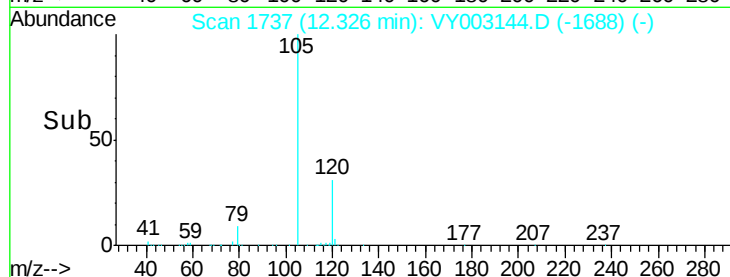
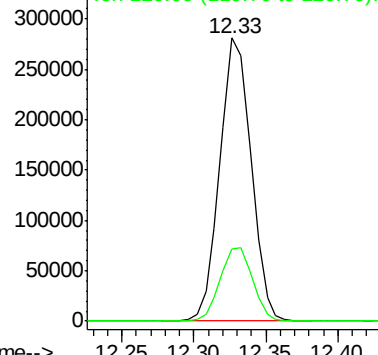
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.060 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion: 43 Resp: 117867

Ion Ratio Lower Upper

43 100

70 45.4 33.0 49.4

55 25.0 18.2 27.2

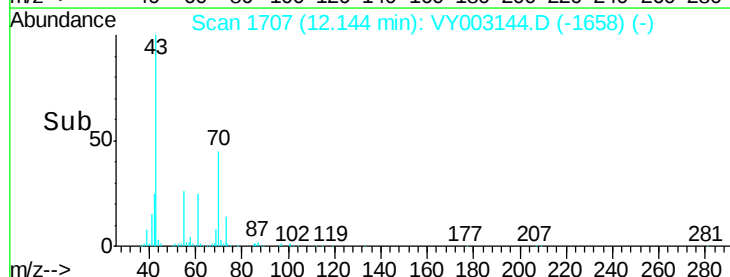
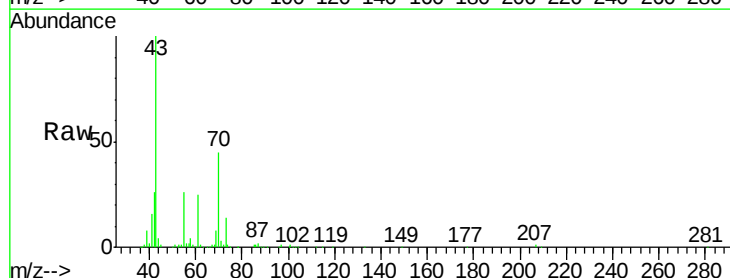
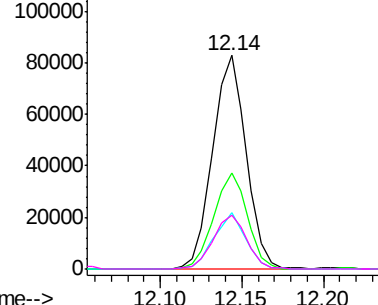
61 25.5 19.4 29.2

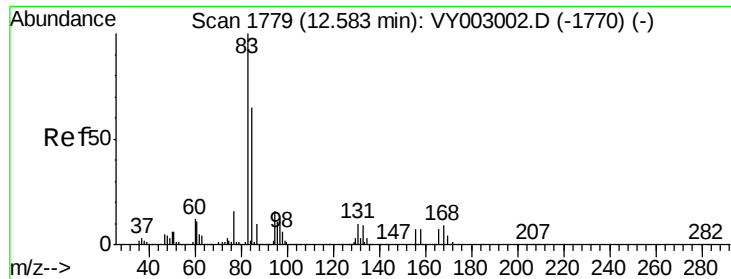
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.904 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

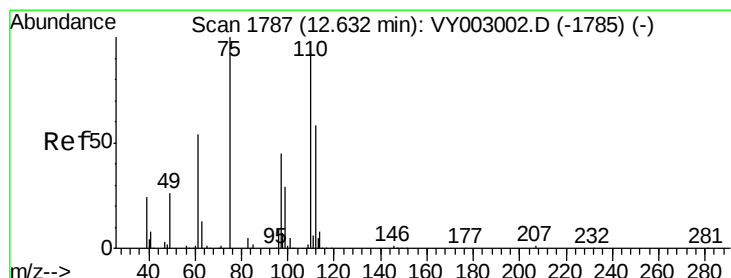
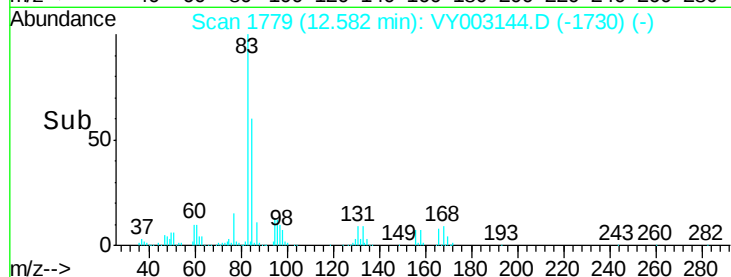
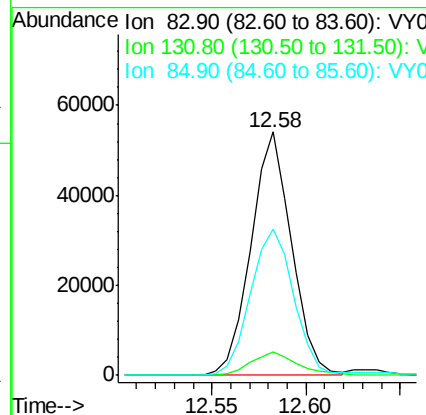
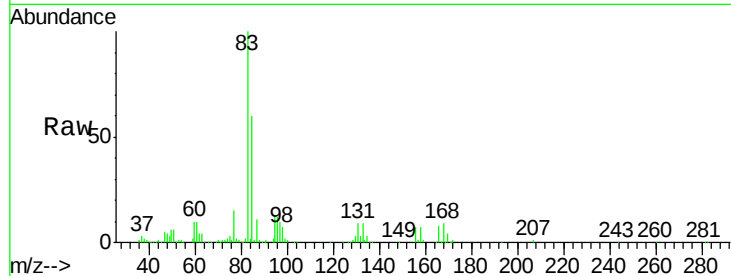
ClientSampleId :

VY0709SBS01

Tot Ion:	83	Resp:	80528
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.382 ug/l m

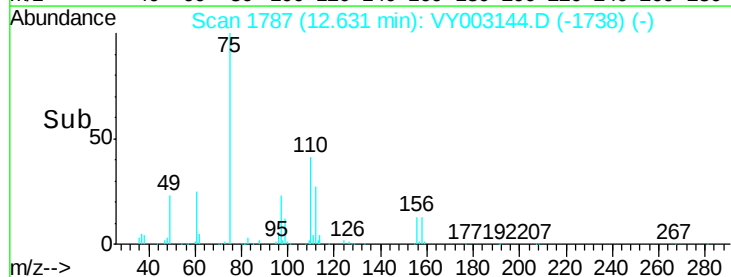
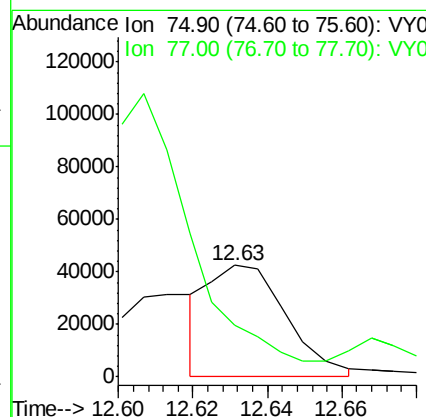
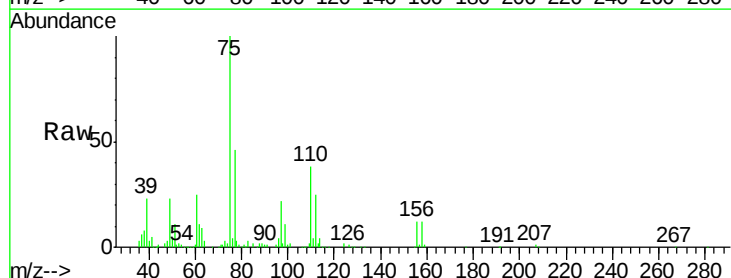
RT: 12.63 min Scan# 1787

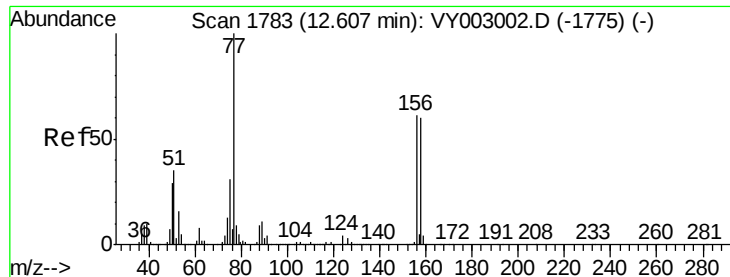
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	75	Resp:	61792
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.323 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

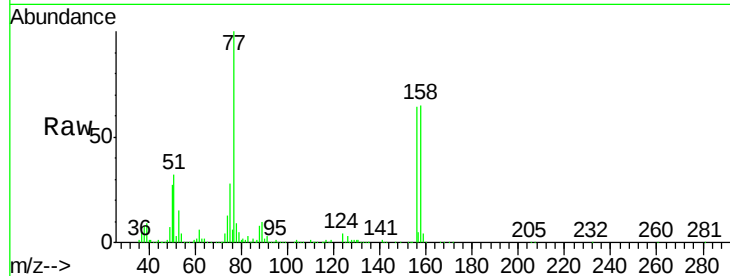
ClientSampleId :

VY0709SBS01

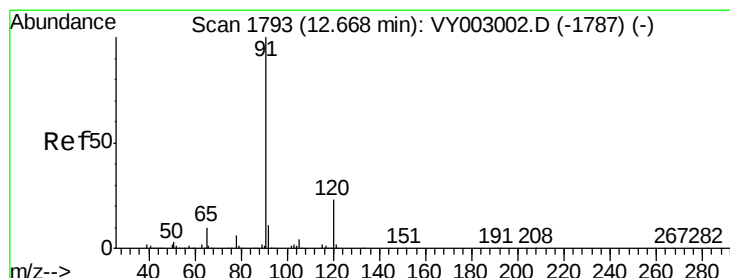
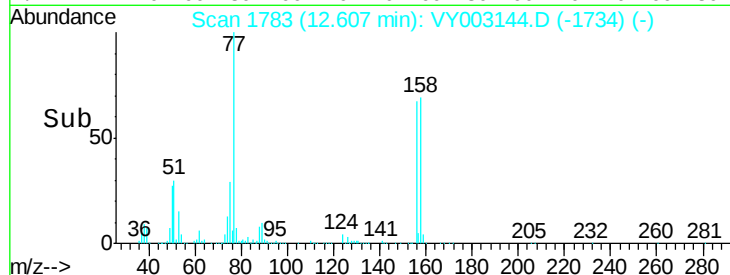
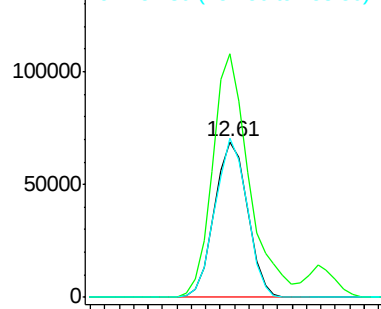
Tot Ion:	156	Resp:	109606
Ion Ratio	Lower	Upper	
156	100		
77	172.4	90.0	270.0
158	98.9	48.5	145.5

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): VY003144.D (-1775) (-)



#78

n-propylbenzene

Concen: 20.803 ug/l

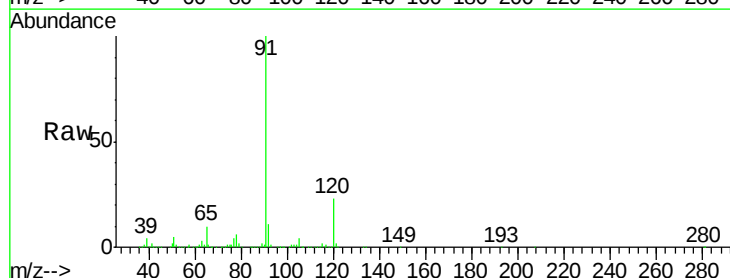
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

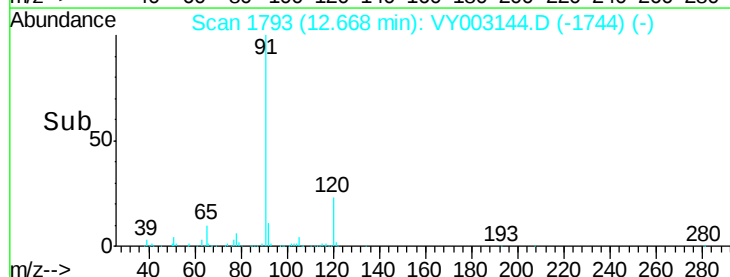
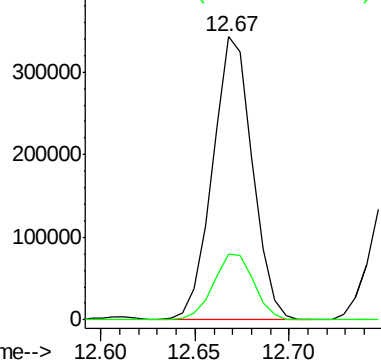
Lab File: VY003144.D

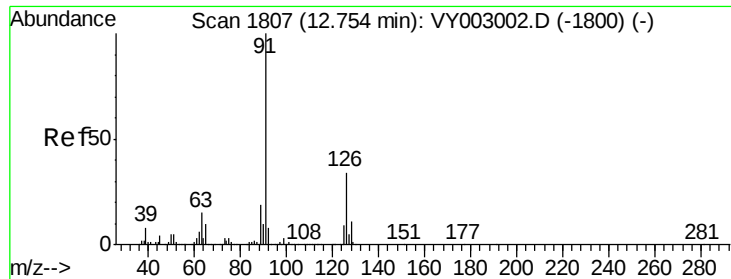
Acq: 09 Jul 2020 14:07

Tgt Ion:	91	Resp:	501560
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY003144.D (-1787) (-)





#79

2-Chlorotoluene

Concen: 20.736 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 91 Resp: 279065

Ion Ratio Lower Upper

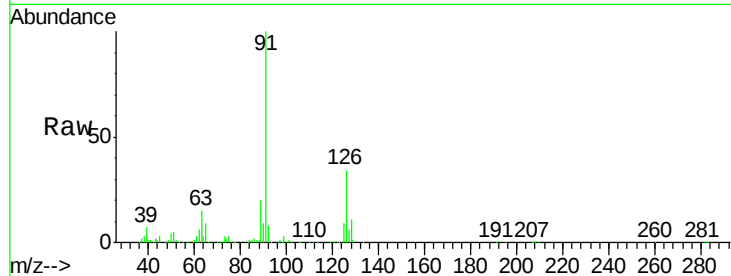
91 100

126 36.0 17.1 51.3

Manual Integrations
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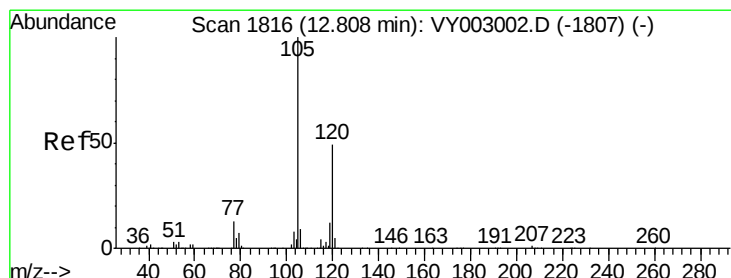
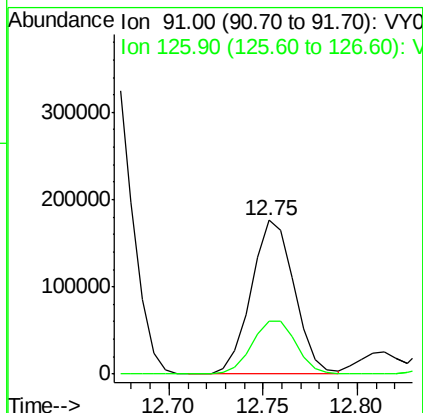
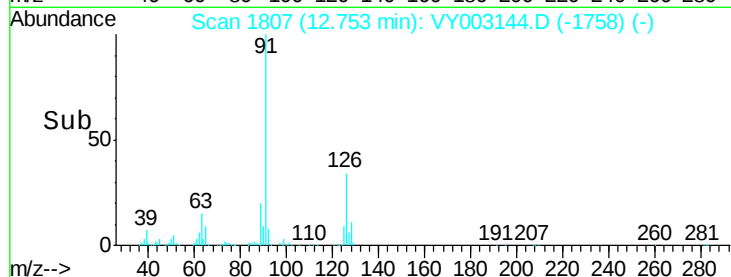
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Abundance Ion 91.00 (90.70 to 91.70): VY003144.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003144.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.395 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003144.D

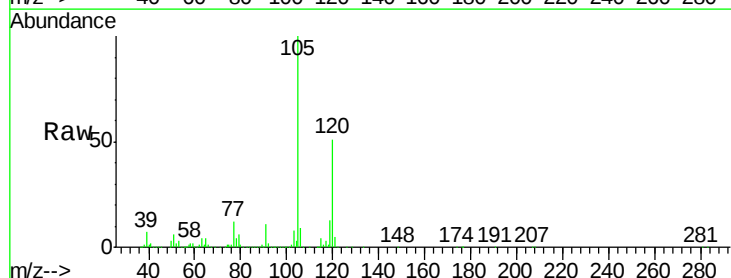
Acq: 09 Jul 2020 14:07

Tgt Ion: 105 Resp: 359936

Ion Ratio Lower Upper

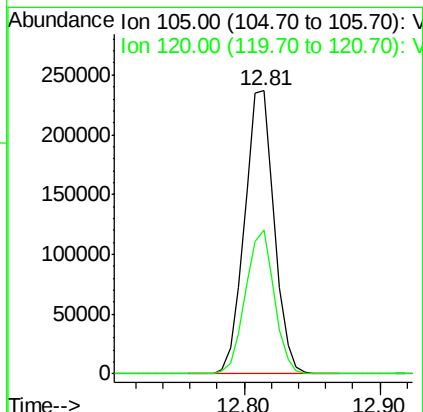
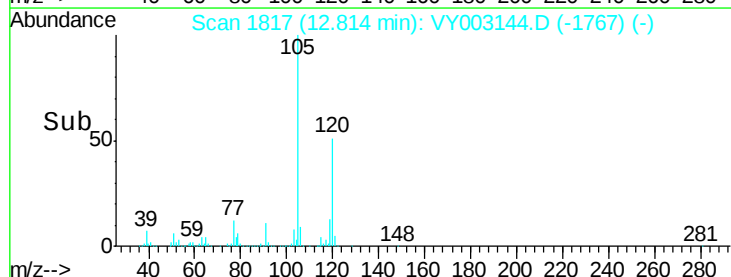
105 100

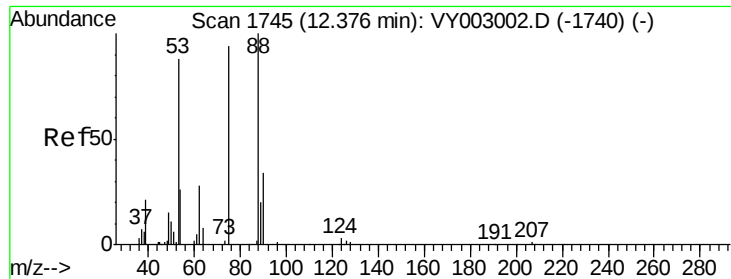
120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003144.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003144.D (-1767) (-)





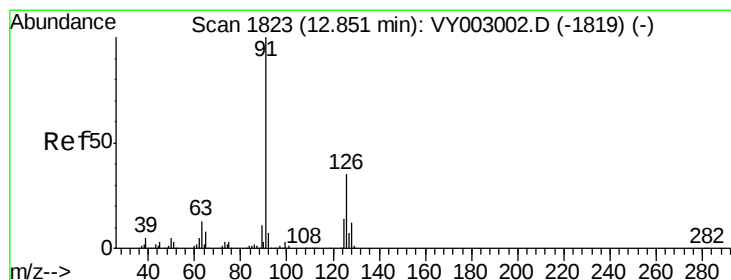
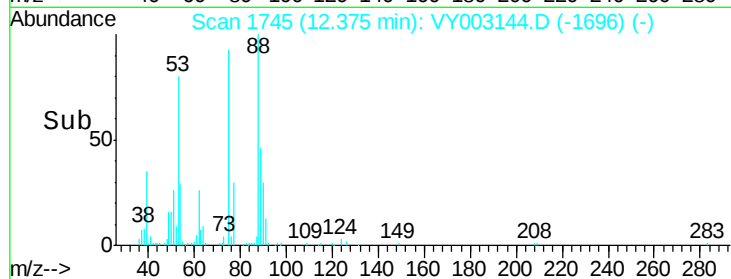
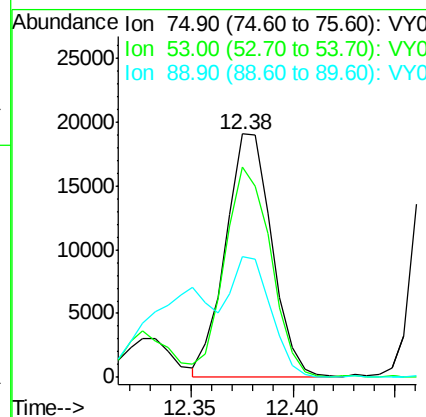
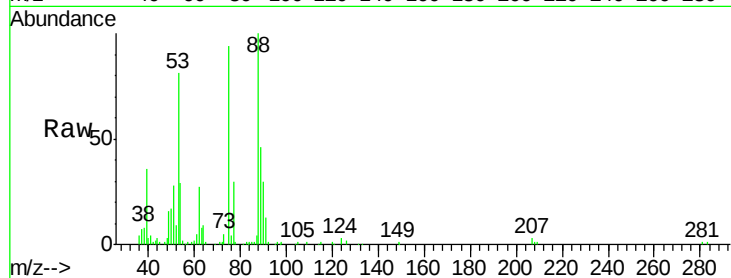
#81
trans-1,4-Dichloro-2-butene
Concen: 19.328 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.7	73.9	110.9
89	43.4	37.5	56.3

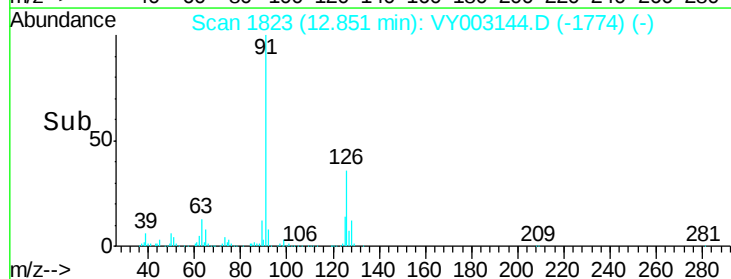
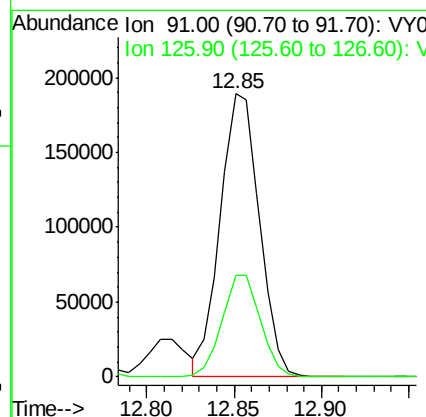
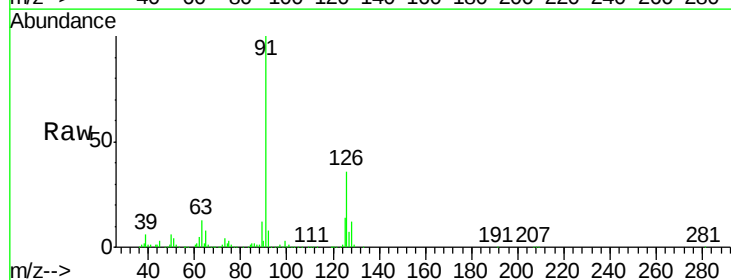
Manual Integrations
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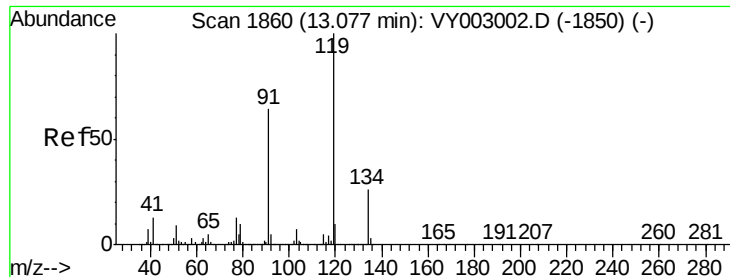
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.052 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.3





#83

tert-Butylbenzene

Concen: 21.262 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

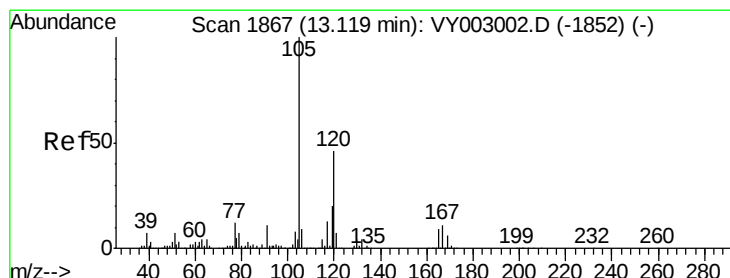
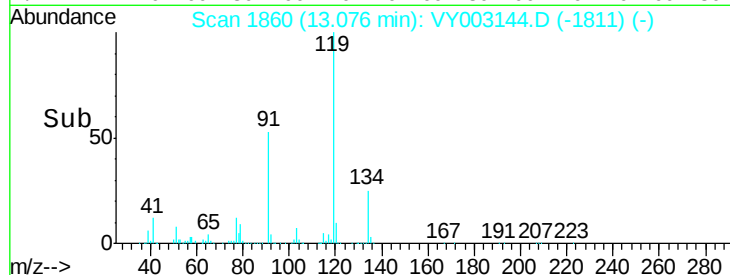
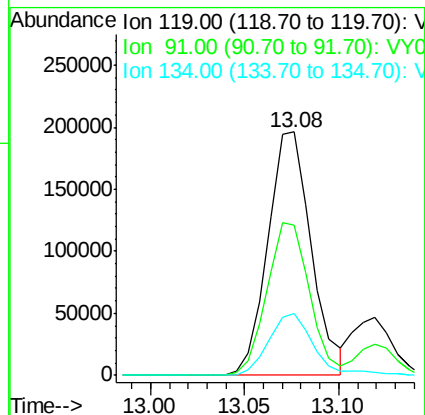
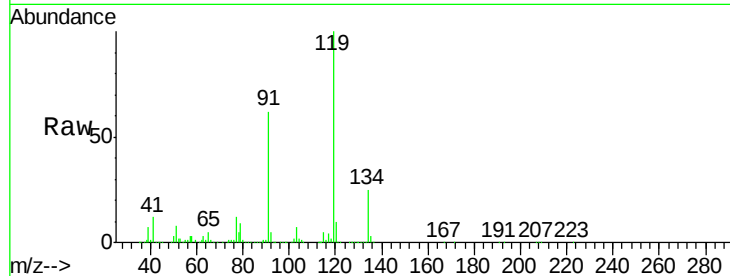
ClientSampleId :

VY0709SBS01

Tot Ion:	119	Resp:	314077
Ion Ratio	Lower	Upper	
119	100		
91	61.5	31.6	95.0
134	26.4	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.061 ug/l

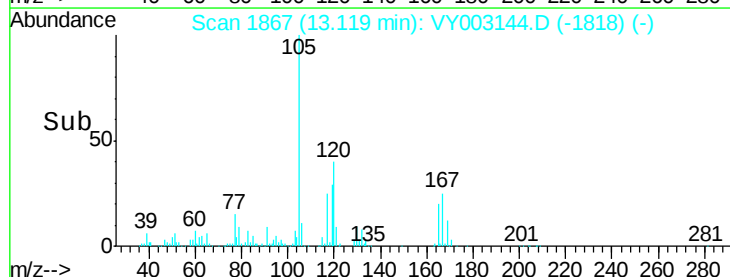
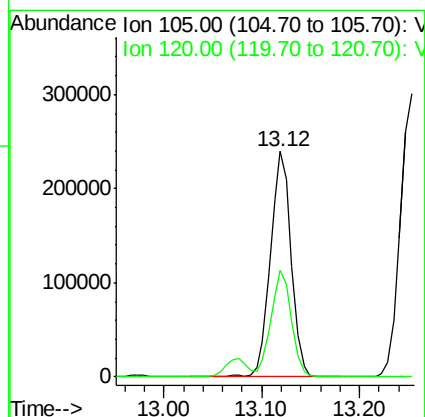
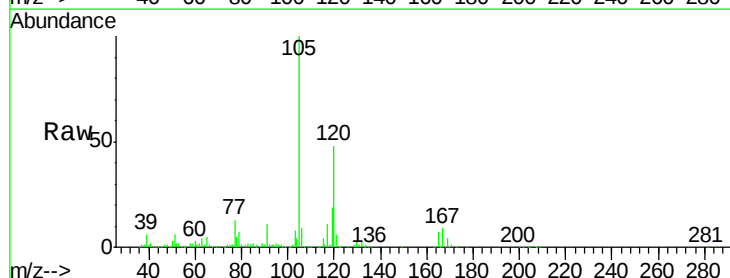
RT: 13.12 min Scan# 1867

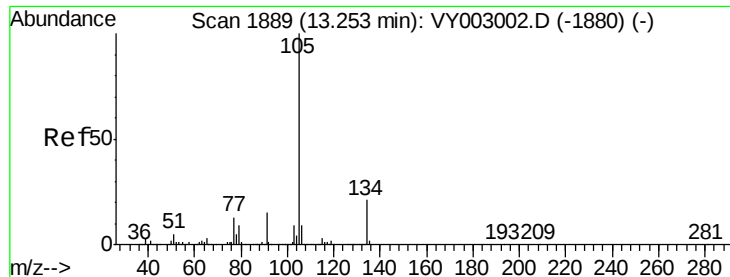
Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Tgt Ion:	105	Resp:	357029
Ion Ratio	Lower	Upper	
105	100		
120	46.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.563 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion:105 Resp: 439040

Ion Ratio Lower Upper

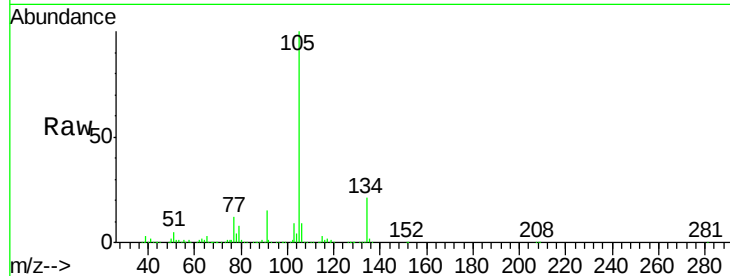
105 100

134 21.1 10.4 31.2

Manual Integrations
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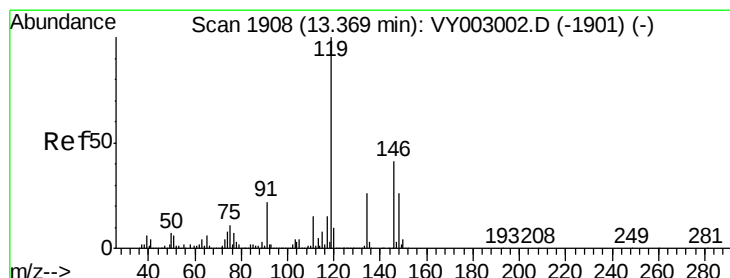
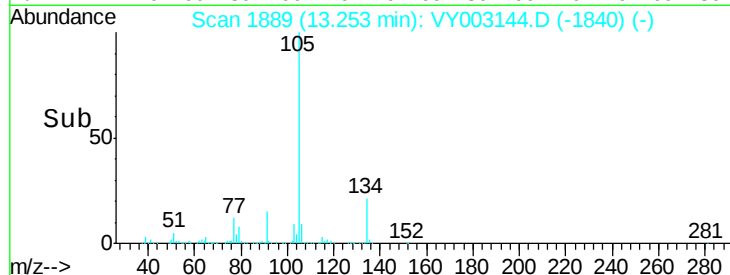
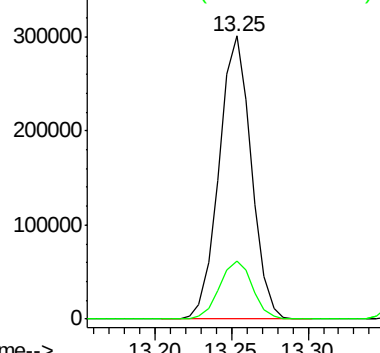
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.584 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

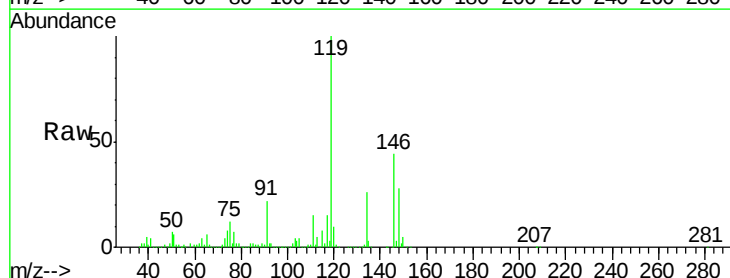
Tgt Ion:119 Resp: 407219

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

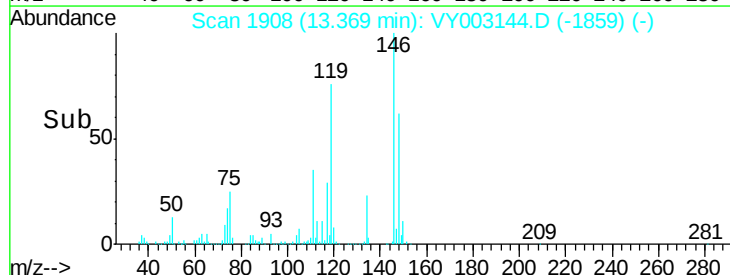
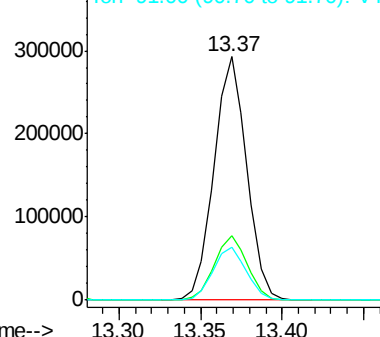
91 22.2 11.5 34.5

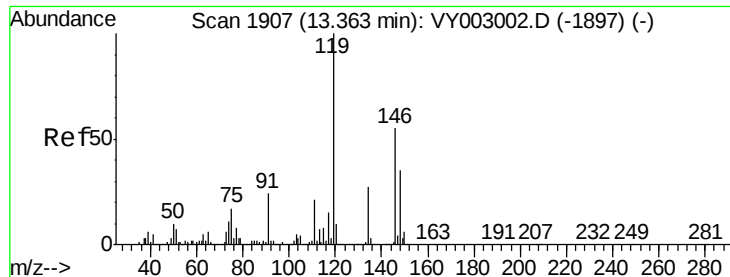


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





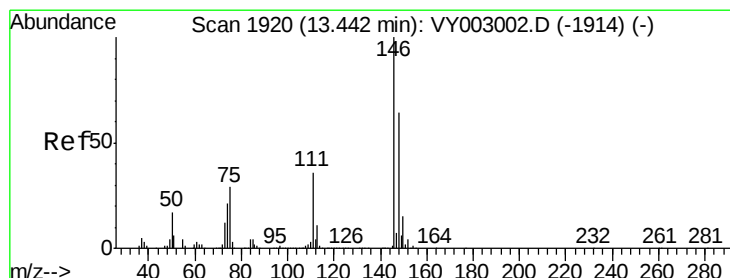
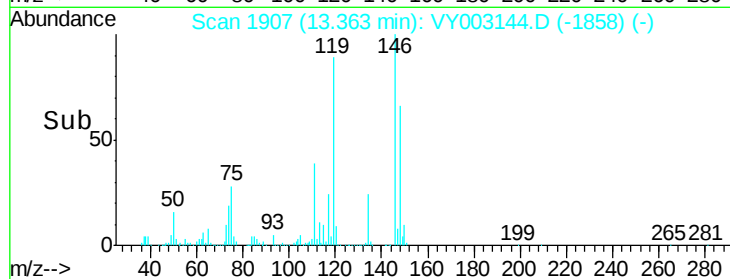
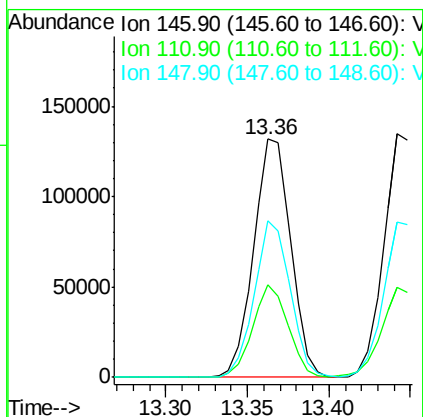
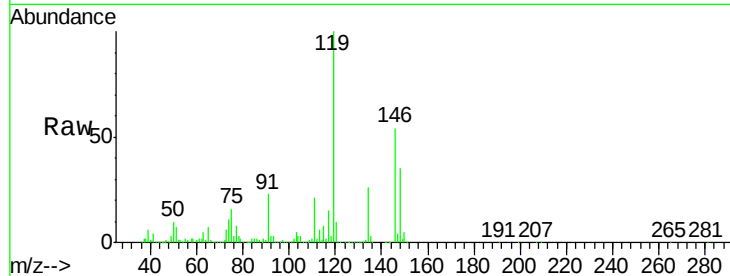
#87
 1,3-Dichlorobenzene
 Concen: 21.732 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208550		
111	37.1	18.8	56.3	
148	63.7	31.8	95.3	

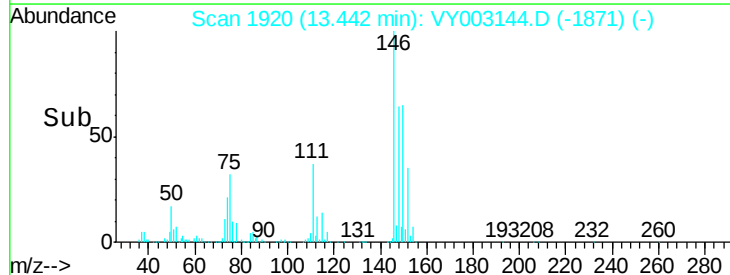
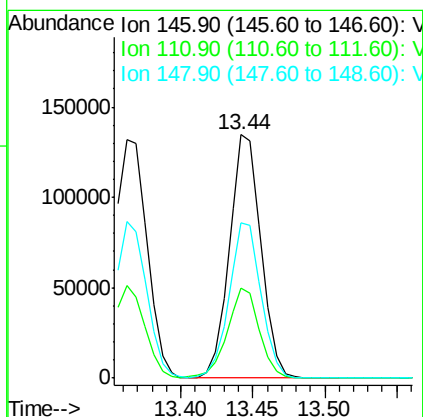
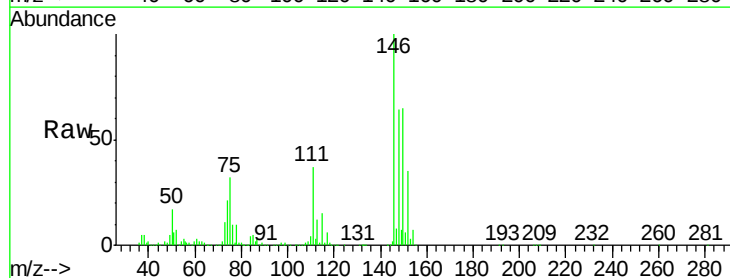
Manual Integrations
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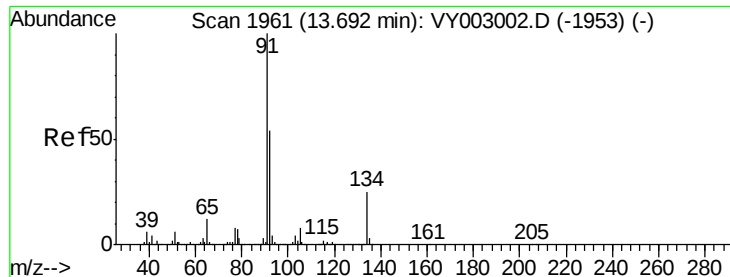
MMDadoda
 7/10/2020 12:18:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.722 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205556		
111	37.8	18.4	55.4	
148	64.8	32.3	96.9	





#89

n-Butylbenzene

Concen: 21.403 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003144.D

Acq: 09 Jul 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

Tot Ion: 91 Resp: 386346

Ion Ratio Lower Upper

91 100

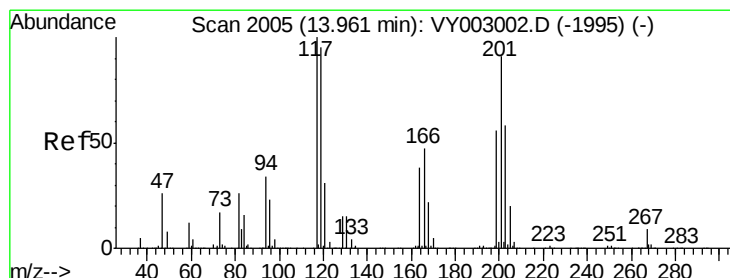
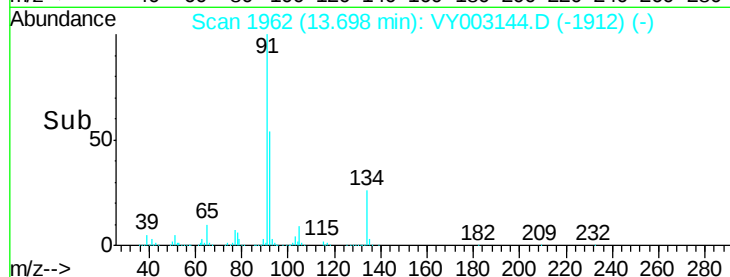
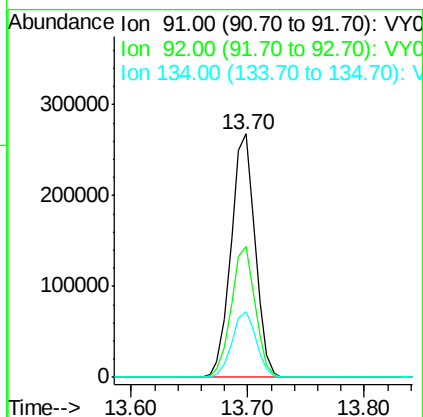
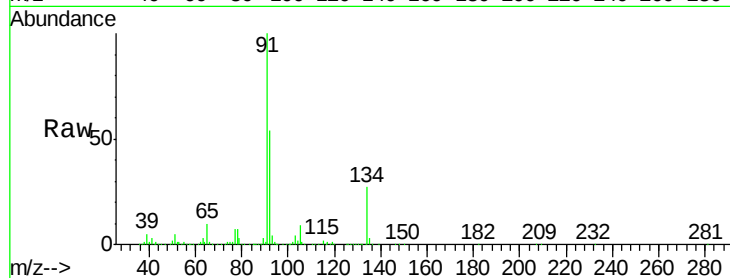
92 53.4 26.8 80.3

134 27.2 13.1 39.1

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#90

Hexachloroethane

Concen: 19.818 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003144.D

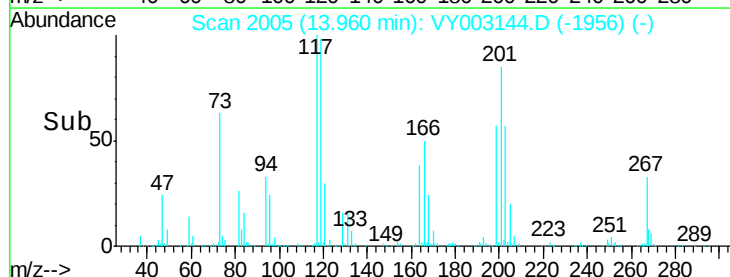
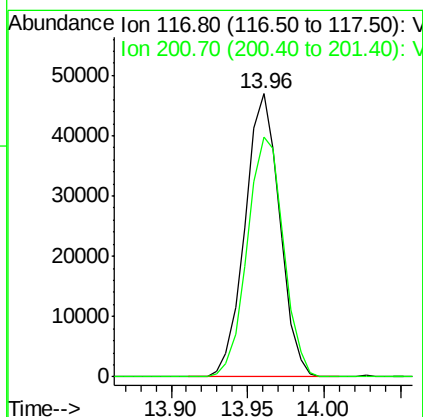
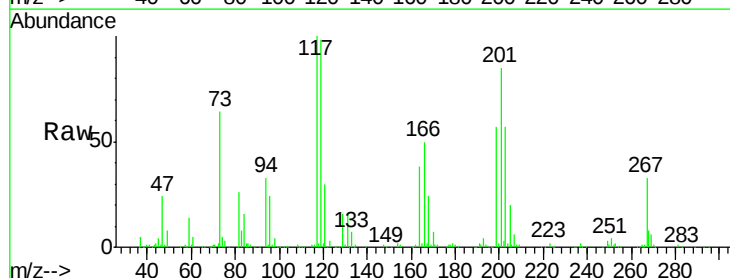
Acq: 09 Jul 2020 14:07

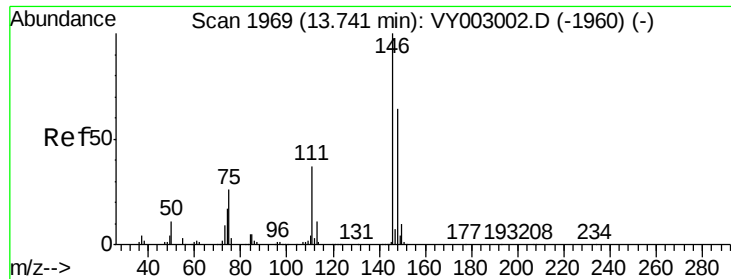
Tgt Ion: 117 Resp: 74246

Ion Ratio Lower Upper

117 100

201 88.2 45.5 136.4





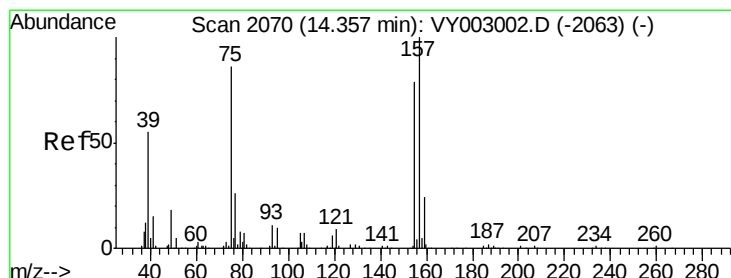
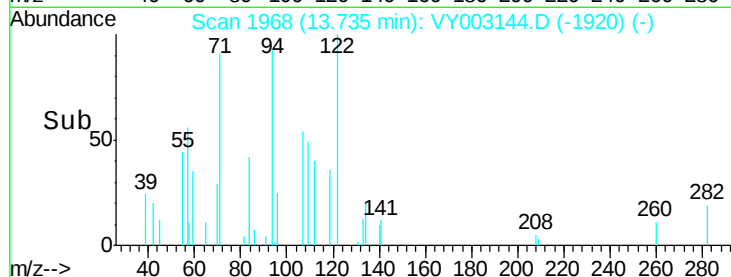
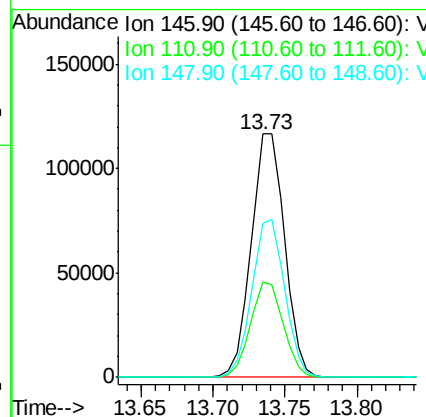
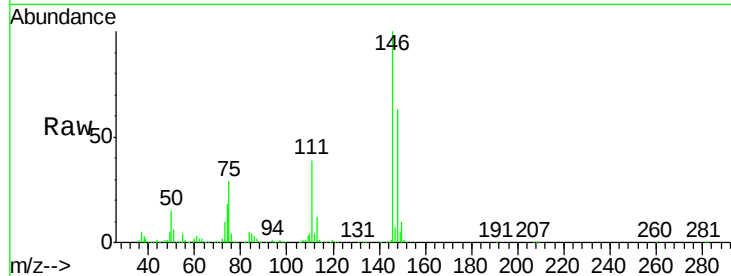
#91
 1,2-Dichlorobenzene
 Concen: 21.582 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.8	31.8	95.3

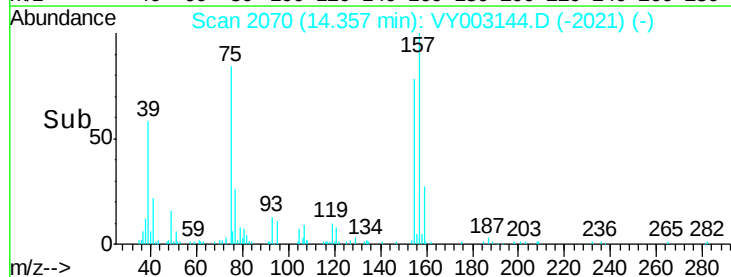
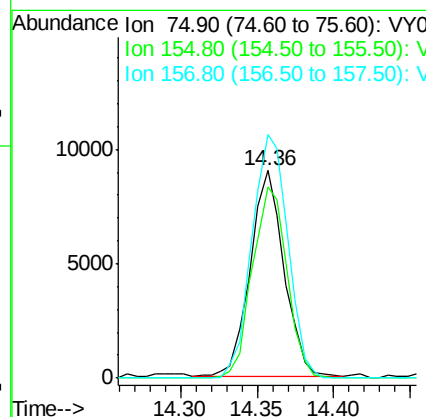
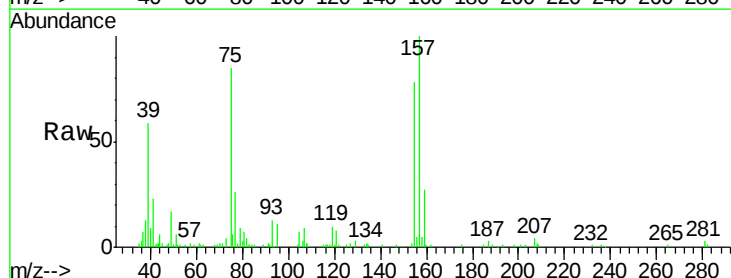
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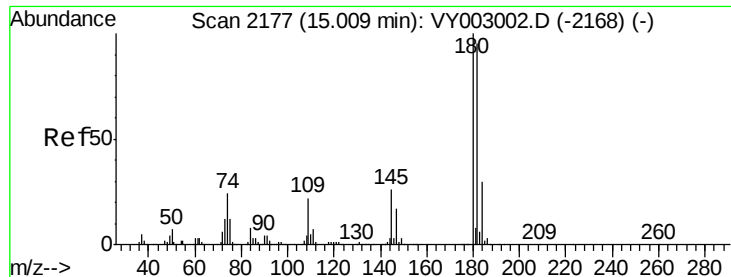
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.276 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	46.5	139.3
157	126.0	59.2	177.5





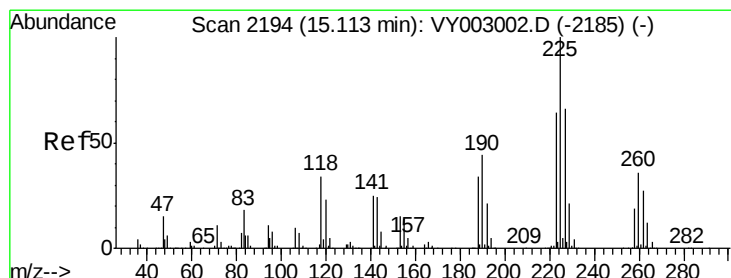
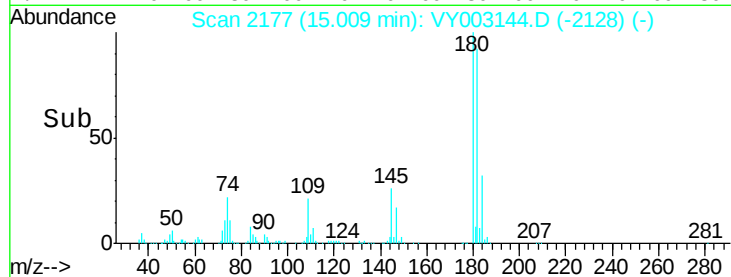
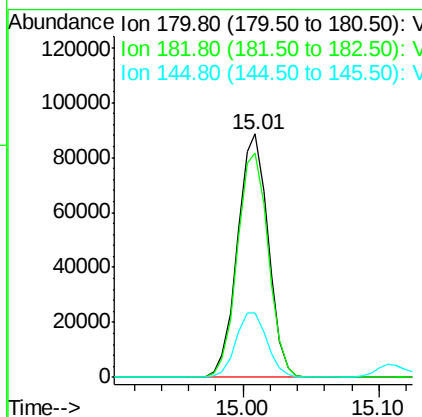
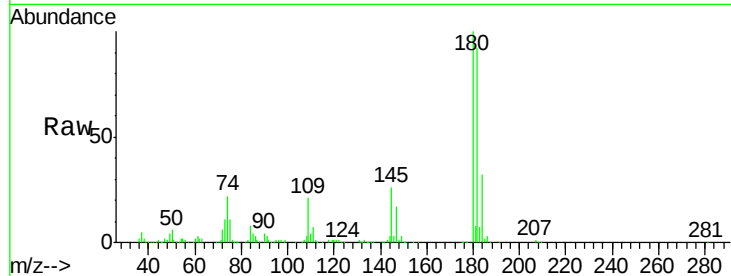
#93
 1,2,4-Trichlorobenzene
 Concen: 21.724 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138990		
182	93.3	48.1	144.3	
145	27.1	13.9	41.6	

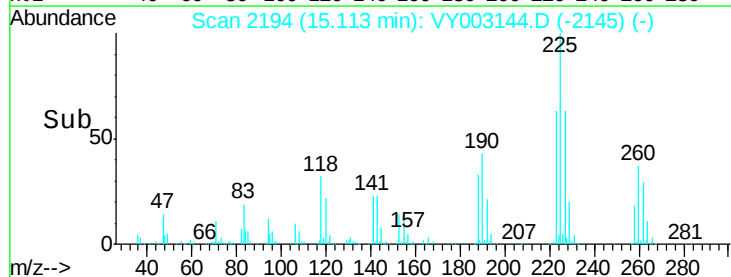
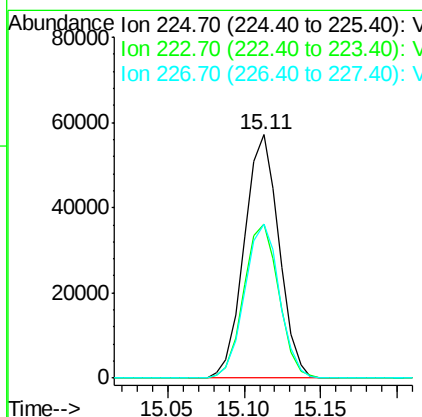
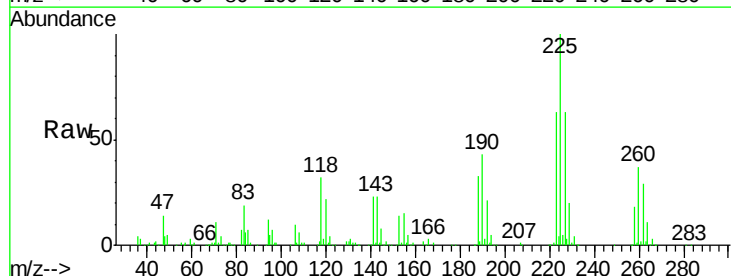
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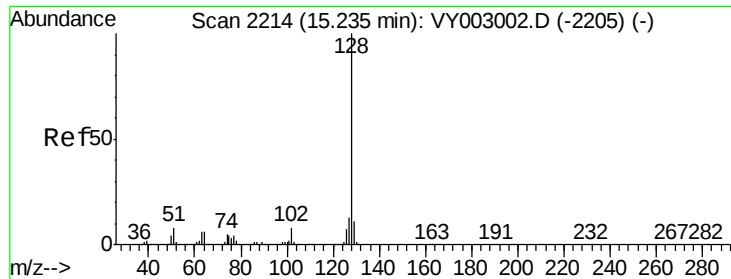
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#94
 Hexachlorobutadiene
 Concen: 22.341 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003144.D
 Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90160		
223	63.4	32.4	97.0	
227	63.4	32.4	97.2	





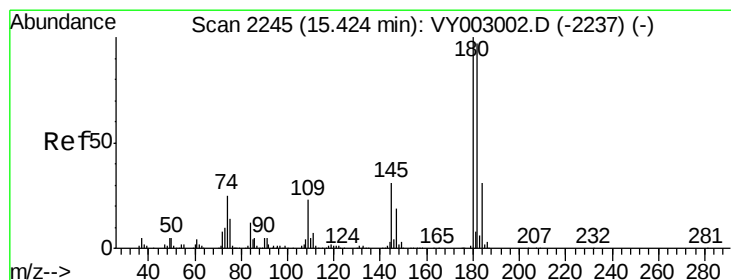
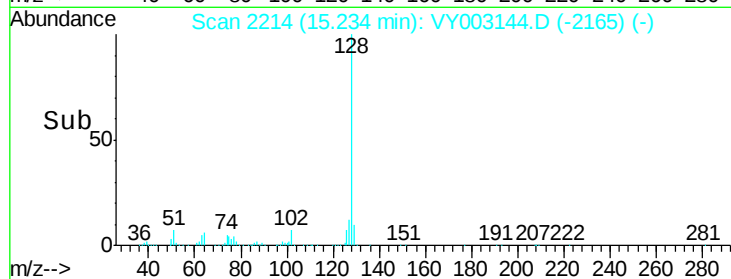
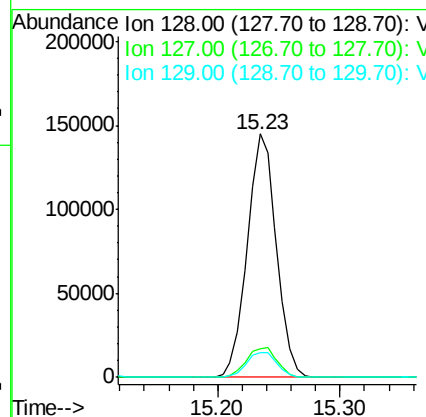
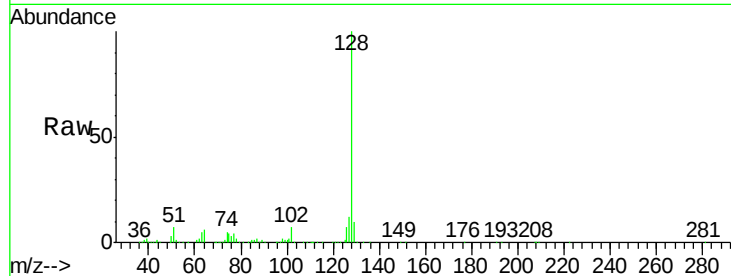
#95
Naphthalene
Concen: 20.392 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	238296		
127	13.2		10.8	16.2
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.768 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003144.D
Acq: 09 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115377		
182	96.4		47.8	143.3
145	29.6		14.7	44.1

