

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003008.D
 Acq On : 29 Jun 2020 15:55
 Operator : SY/MD
 Sample : VY0629SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:16 PM

Quant Time: Jun 30 06:22:35 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	462535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	633390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	334702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	242893	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.72	113	220467	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.18	98	814241	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	292001	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	71759	20.485	ug/l	95
3) Chloromethane	2.11	50	97933	19.092	ug/l	100
4) Vinyl Chloride	2.26	62	107834	21.551	ug/l	99
5) Bromomethane	2.64	94	77620	22.848	ug/l	97
6) Chloroethane	2.79	64	68576	21.544	ug/l	99
7) Trichlorofluoromethane	3.13	101	150972	21.377	ug/l	99
8) Diethyl Ether	3.54	74	54263	22.413	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	92968	22.047	ug/l	99
10) Methyl Iodide	4.10	142	110639	21.159	ug/l	100
11) Tert butyl alcohol	4.96	59	69079	147.550	ug/l	98
12) 1,1-Dichloroethene	3.88	96	85861	21.400	ug/l	100
13) Acrolein	3.74	56	52404	124.627	ug/l	99
14) Allyl chloride	4.49	41	153484	21.910	ug/l	98
15) Acrylonitrile	5.18	53	153036	122.648	ug/l	100
16) Acetone	3.96	43	127103	117.312	ug/l	98
17) Carbon Disulfide	4.20	76	275626	21.502	ug/l	100
18) Methyl Acetate	4.48	43	70631	24.197	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	272326	23.286	ug/l	98
20) Methylene Chloride	4.73	84	125170	21.983	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	100162	22.070	ug/l	94
22) Diisopropyl ether	6.13	45	332924	22.174	ug/l	99
23) Vinyl Acetate	6.07	43	1172534	116.811	ug/l	100
24) 1,1-Dichloroethane	6.03	63	179670	21.907	ug/l	98
25) 2-Butanone	7.00	43	216944	126.051	ug/l	96
26) 2,2-Dichloropropane	6.99	77	165891	22.263	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	111512	21.907	ug/l	98
28) Bromochloromethane	7.34	49	75707	20.746	ug/l	97
29) Tetrahydrofuran	7.35	42	144566	126.311	ug/l	99
30) Chloroform	7.51	83	180096	22.165	ug/l	99
31) Cyclohexane	7.79	56	173192	21.436	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	161548	21.782	ug/l	100
36) 1,1-Dichloropropene	7.92	75	142836	21.672	ug/l	99
37) Ethyl Acetate	7.08	43	98685	24.903	ug/l	100
38) Carbon Tetrachloride	7.91	117	148135	21.602	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	175700	21.501	ug/l	99
40) Benzene	8.17	78	395035	21.893	ug/l	97
41) Methacrylonitrile	7.32	41	39120m	18.480	ug/l	
42) 1,2-Dichloroethane	8.24	62	128931	22.586	ug/l	100
43) Isopropyl Acetate	8.28	43	182049	24.165	ug/l	99
44) Trichloroethene	8.94	130	113822	21.703	ug/l	98
45) 1,2-Dichloropropane	9.22	63	107108	22.063	ug/l	97
46) Dibromomethane	9.31	93	61030	22.509	ug/l	98
47) Bromodichloromethane	9.50	83	147763	22.257	ug/l	96
48) Methyl methacrylate	9.30	41	81978	23.907	ug/l	99
49) 1,4-Dioxane	9.30	88	17757	536.507	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	481353	123.622	ug/l	100
52) Toluene	10.24	92	247464	21.786	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	155874	22.394	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	175658	22.066	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	88756	23.557	ug/l	98
56) Ethyl methacrylate	10.51	69	129042	23.660	ug/l	98
57) 1,3-Dichloropropane	10.79	76	153041	23.138	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	292533	104.582	ug/l	100
59) 2-Hexanone	10.83	43	342775	125.946	ug/l	99
60) Dibromochloromethane	10.99	129	107669	22.330	ug/l	99
61) 1,2-Dibromoethane	11.09	107	84134	22.651	ug/l	98
64) Tetrachloroethene	10.72	164	114003	21.267	ug/l	92
65) Chlorobenzene	11.52	112	268601	21.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	105322	21.600	ug/l	99
67) Ethyl Benzene	11.59	91	490451	21.466	ug/l	100
68) m/p-Xylenes	11.70	106	372136	43.762	ug/l	98
69) o-Xylene	12.03	106	175653	21.920	ug/l	97
70) Styrene	12.05	104	300356	21.940	ug/l	99
71) Bromoform	12.20	173	76323	23.474	ug/l #	97
73) Isopropylbenzene	12.33	105	471069	21.505	ug/l	100
74) N-amyl acetate	12.14	43	168973	23.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	102572	23.204	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	78201m	23.608	ug/l	
77) Bromobenzene	12.61	156	120281	21.416	ug/l	95
78) n-propylbenzene	12.67	91	569665	21.624	ug/l	100
79) 2-Chlorotoluene	12.75	91	319758	21.746	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	402654	21.906	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39084	22.956	ug/l	99
82) 4-Chlorotoluene	12.85	91	331978	21.684	ug/l	100
83) tert-Butylbenzene	13.07	119	353991	21.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	400096	21.601	ug/l	100
85) sec-Butylbenzene	13.25	105	484880	21.795	ug/l	99
86) p-Isopropyltoluene	13.37	119	444876	21.581	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	229741	21.910	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	225491	21.809	ug/l	98
89) n-Butylbenzene	13.70	91	431217	21.863	ug/l	100
90) Hexachloroethane	13.96	117	88868	21.710	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	206335	21.932	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20174	25.781	ug/l	96

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	159893	22.873	ug/l	99
94) Hexachlorobutadiene	15.11	225	97165	22.036	ug/l	99
95) Naphthalene	15.23	128	310783	24.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	137673	22.680	ug/l	100

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

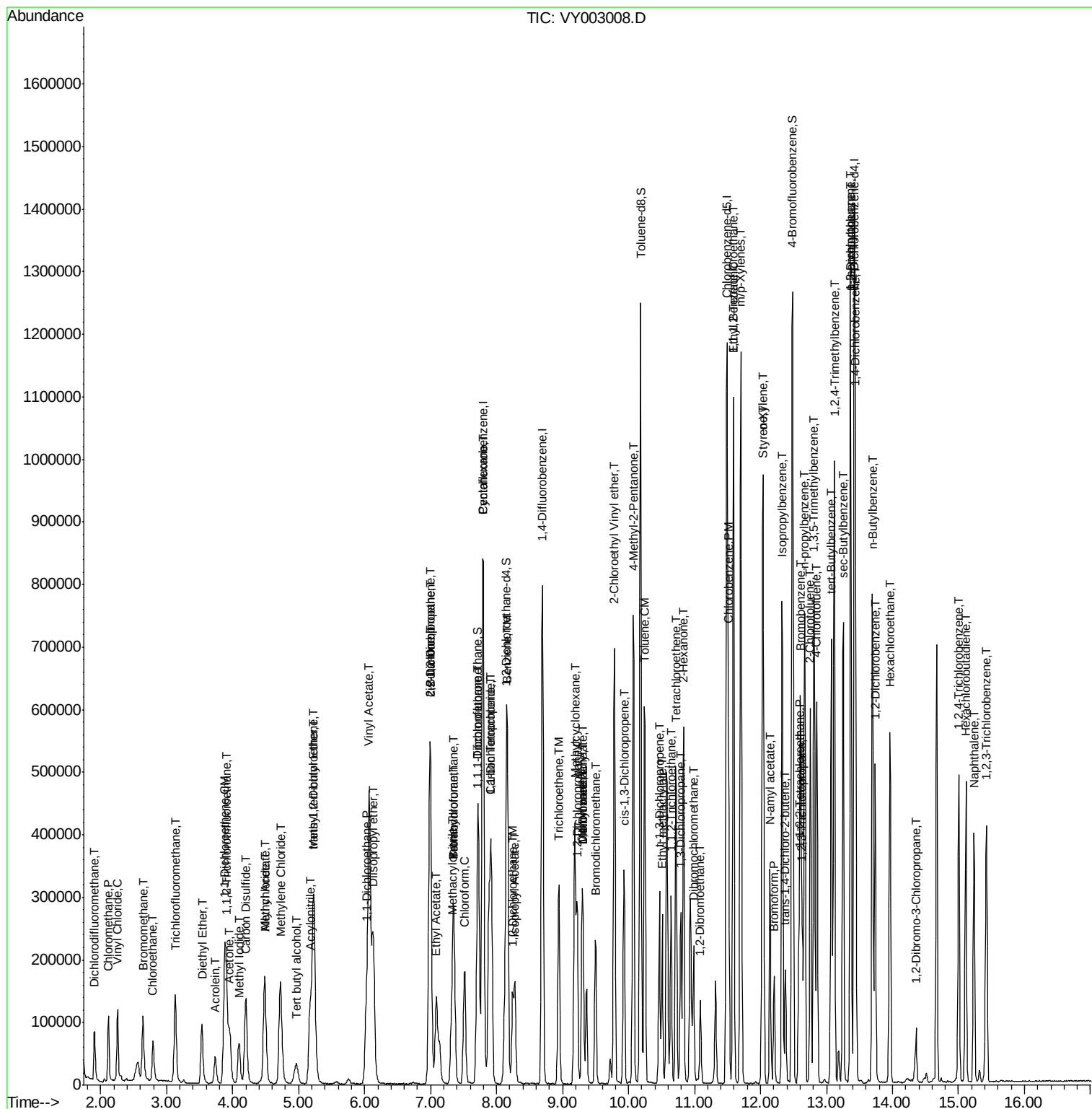
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003008.D
Acq On : 29 Jun 2020 15:55
Operator : SY/MD
Sample : VY0629SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

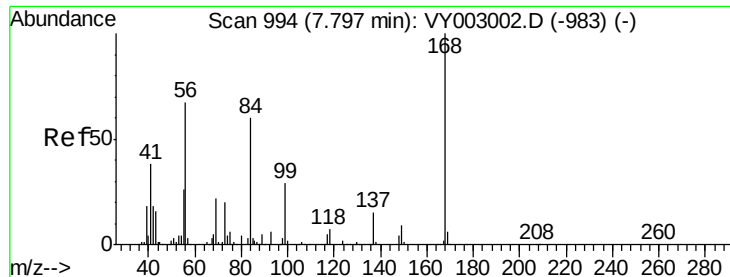
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBSD01

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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: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion:168 Resp: 462535

Ion Ratio Lower Upper

168 100

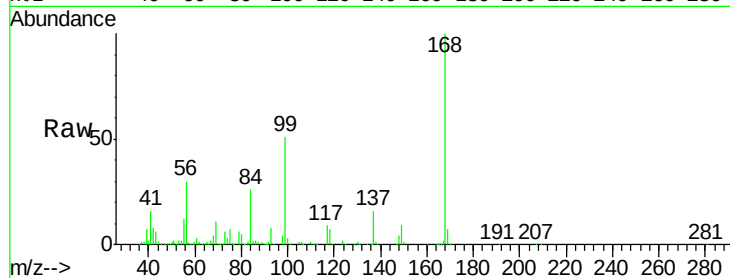
99 50.6 39.2 58.8

Manual Integrations

APPROVED

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6/30/2020 12:54:16 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003008.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003008.D (-983) (-)

7.80

200000

150000

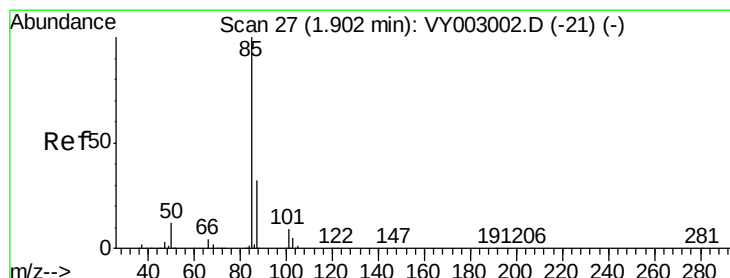
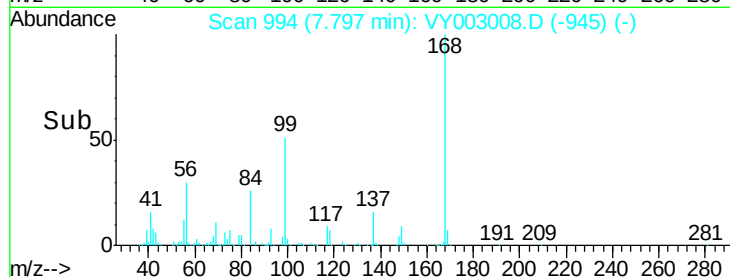
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50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.485 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003008.D

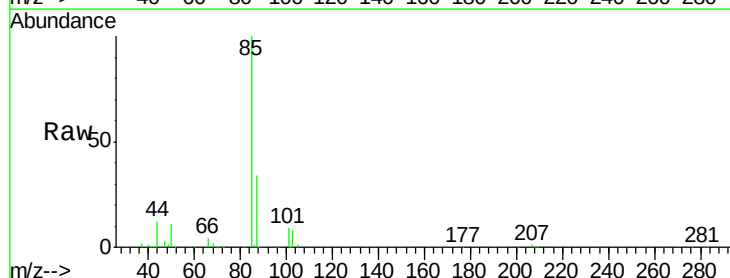
Acq: 29 Jun 2020 15:55

Tgt Ion: 85 Resp: 71759

Ion Ratio Lower Upper

85 100

87 34.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003008.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003008.D (-1) (-)

1.91

50000

40000

30000

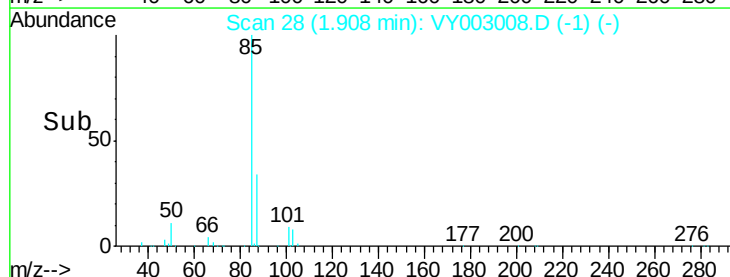
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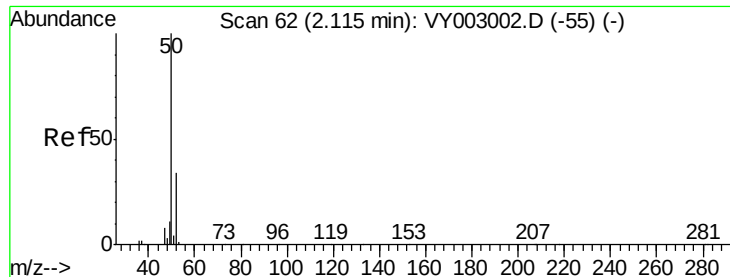
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.092 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 50 Resp: 97933

Ion Ratio Lower Upper

50 100

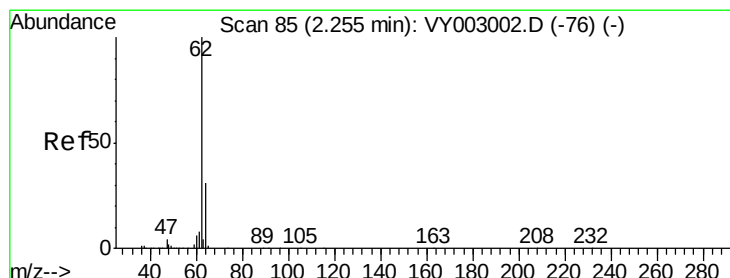
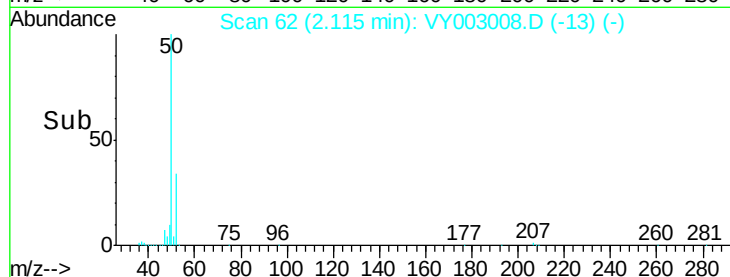
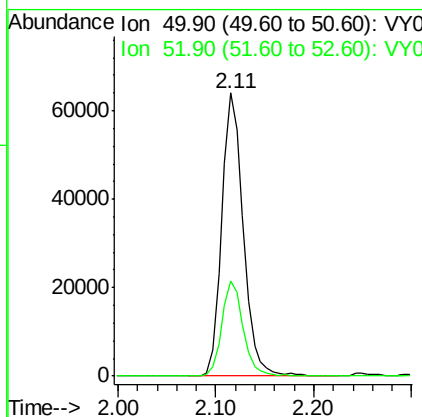
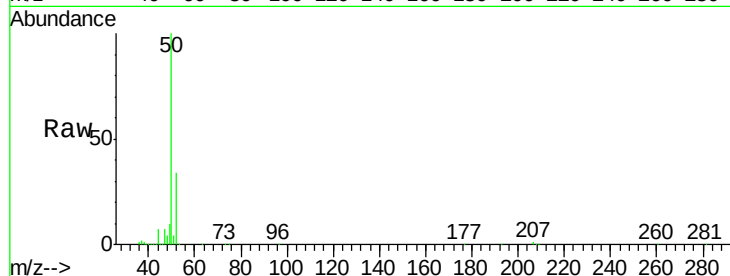
52 33.7 26.9 40.3

Manual Integrations

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6/30/2020 12:54:16 PM



#4

Vinyl Chloride

Concen: 21.551 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003008.D

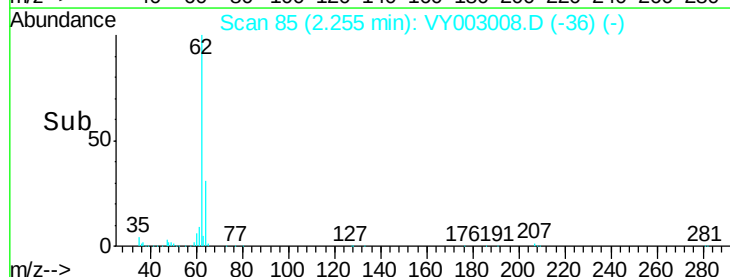
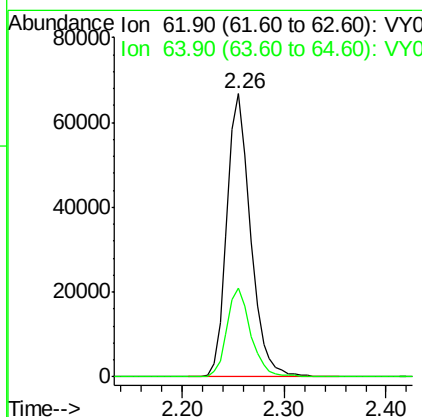
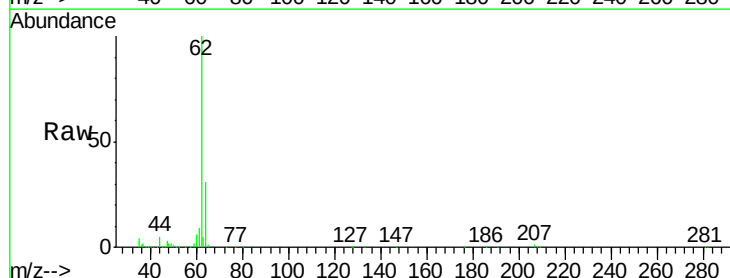
Acq: 29 Jun 2020 15:55

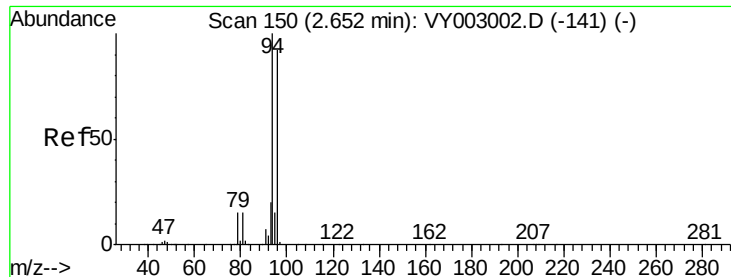
Tgt Ion: 62 Resp: 107834

Ion Ratio Lower Upper

62 100

64 31.2 24.4 36.6





#5

Bromomethane

Concen: 22.848 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 94 Resp: 77620

Ion Ratio Lower Upper

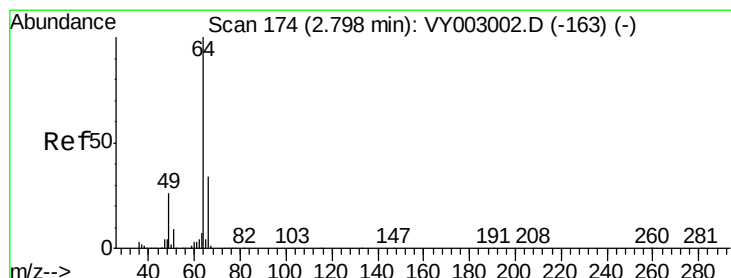
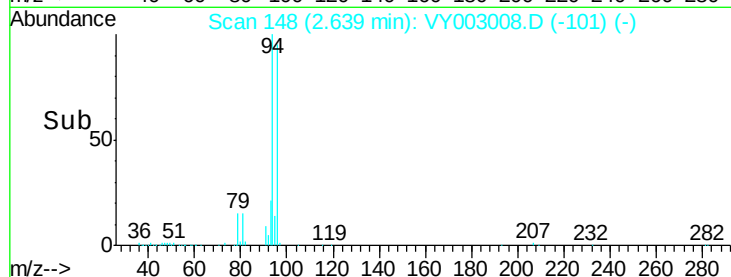
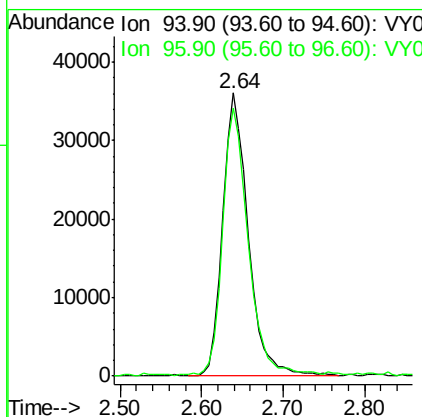
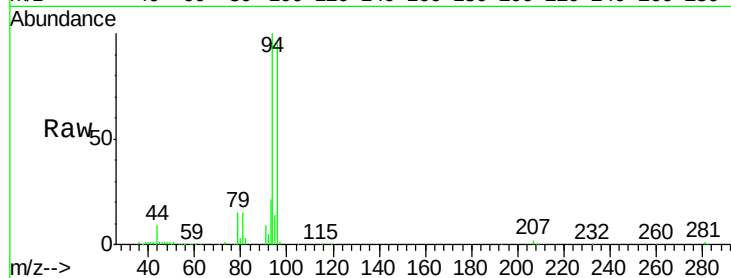
94 100

96 94.4 73.4 110.2

Manual Integrations
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6/30/2020 12:54:16 PM



#6

Chloroethane

Concen: 21.544 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003008.D

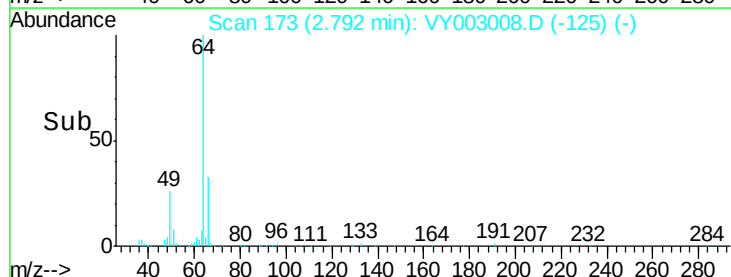
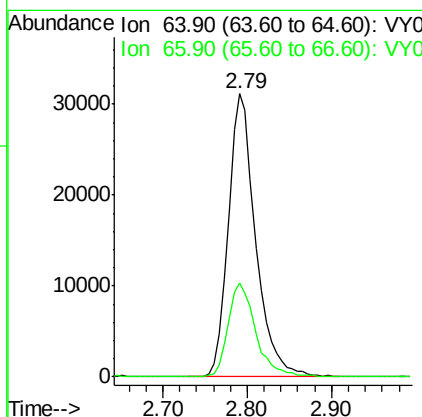
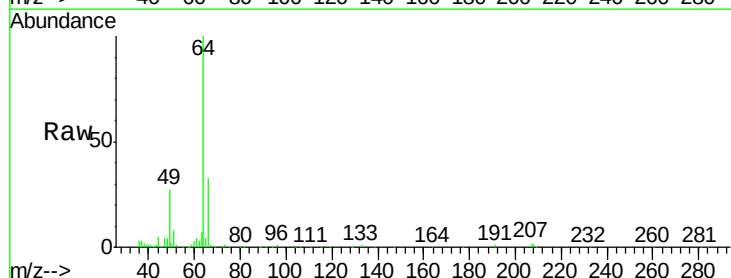
Acq: 29 Jun 2020 15:55

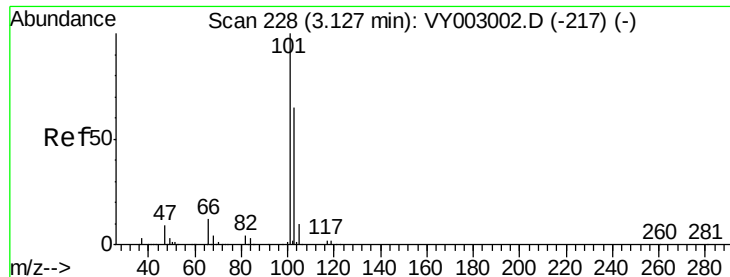
Tgt Ion: 64 Resp: 68576

Ion Ratio Lower Upper

64 100

66 33.1 27.0 40.4





#7

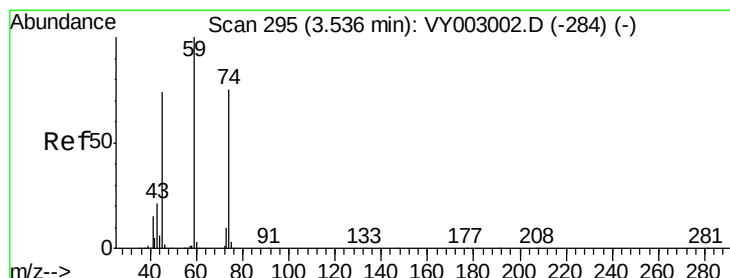
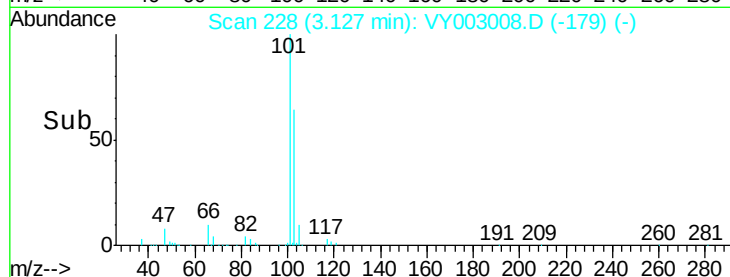
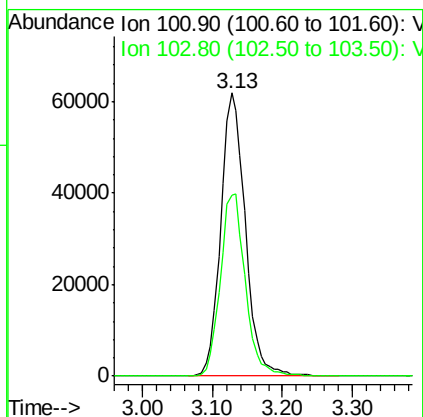
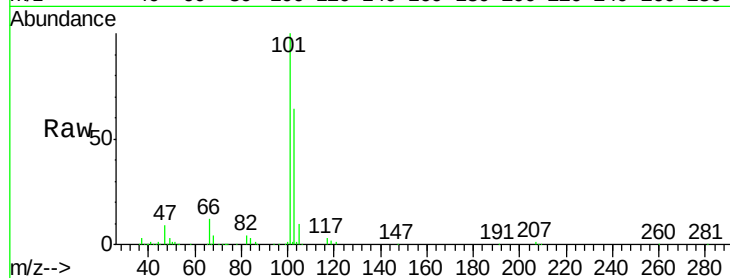
Trichlorofluoromethane
Concen: 21.377 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.6	77.4

Manual Integrations
APPROVED

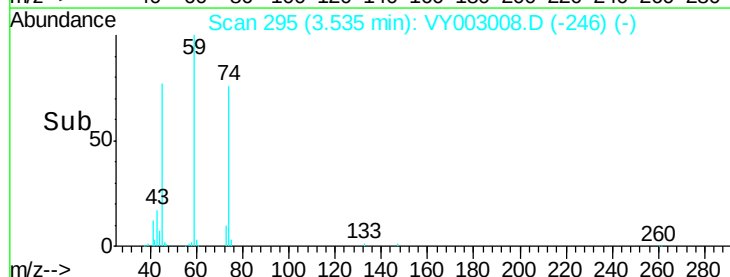
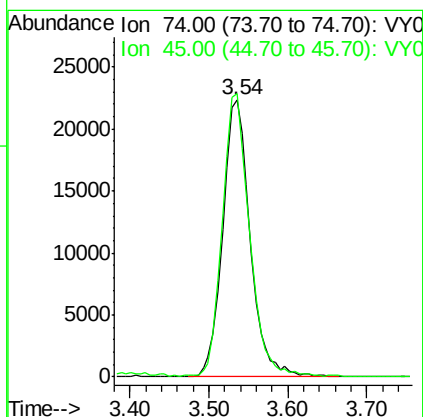
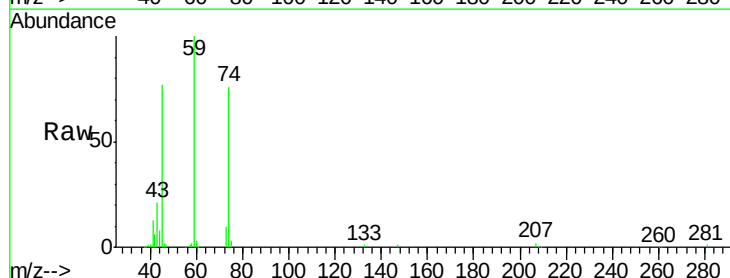
MMDadoda
6/30/2020 12:54:16 PM

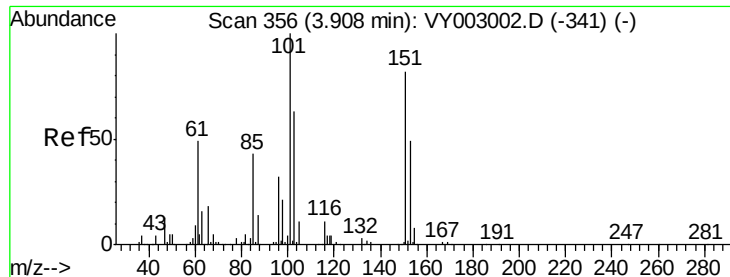


#8

Diethyl Ether
Concen: 22.413 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.047 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

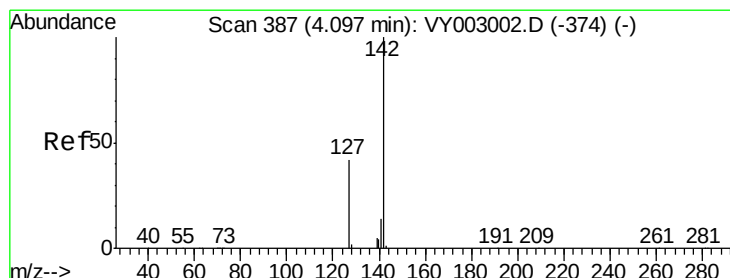
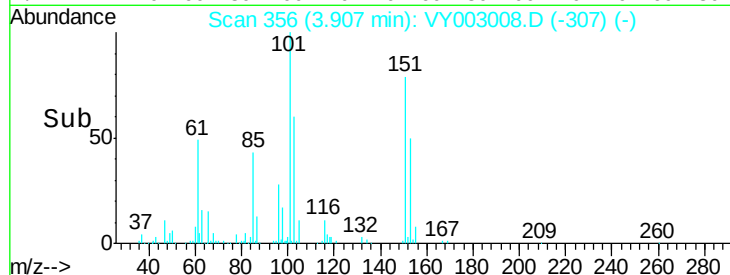
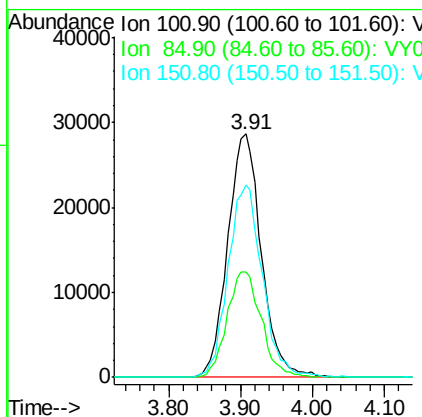
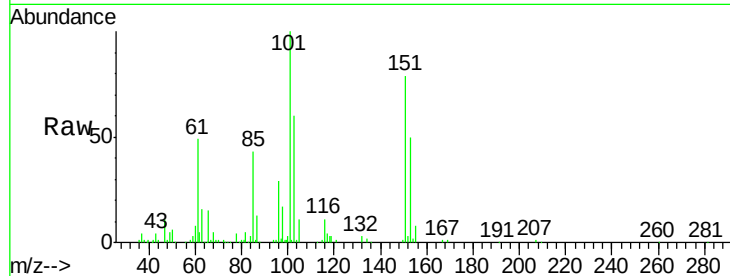
ClientSampleId :

VY0629SBS01

Tot Ion:	101	Resp:	92968
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	80.6	65.5	98.3

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#10

Methyl Iodide

Concen: 21.159 ug/l

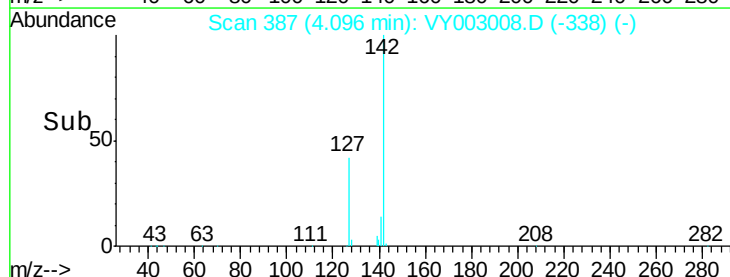
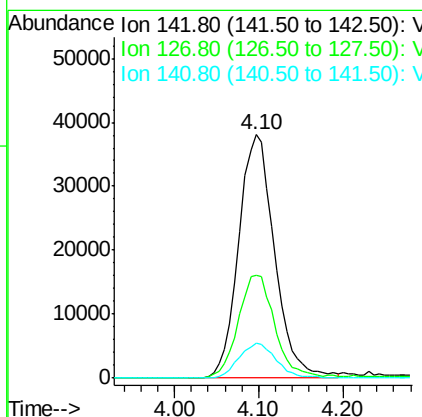
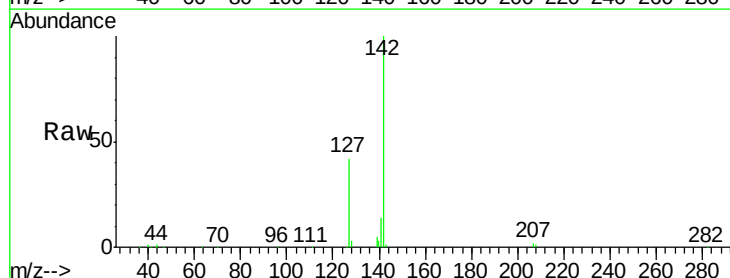
RT: 4.10 min Scan# 387

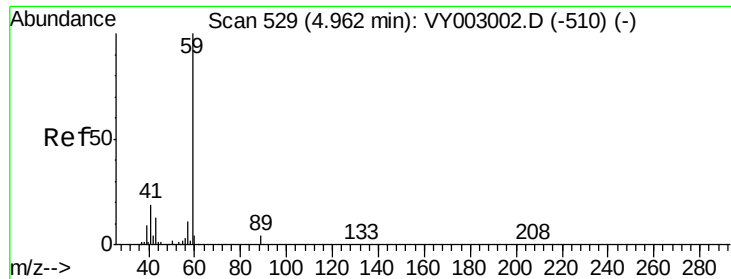
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	142	Resp:	110639
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.2	51.2
141	14.6	11.7	17.5





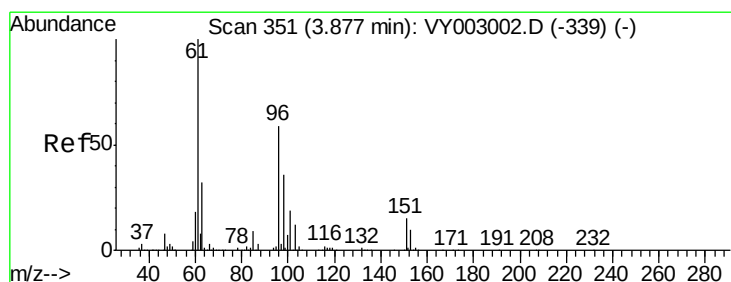
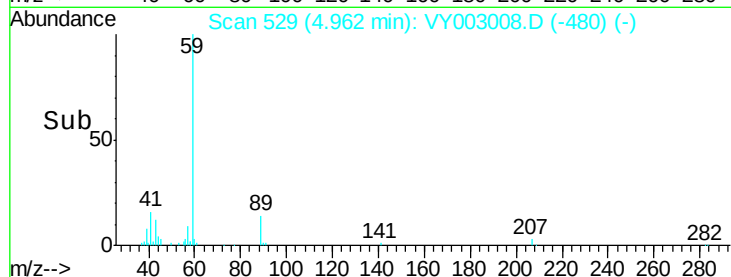
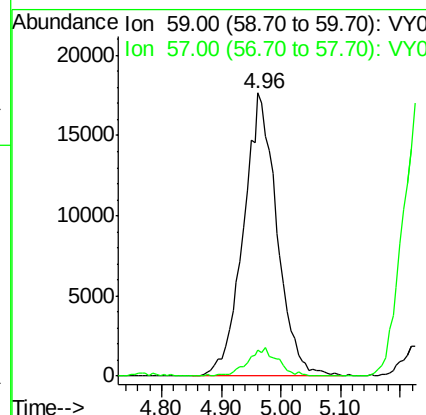
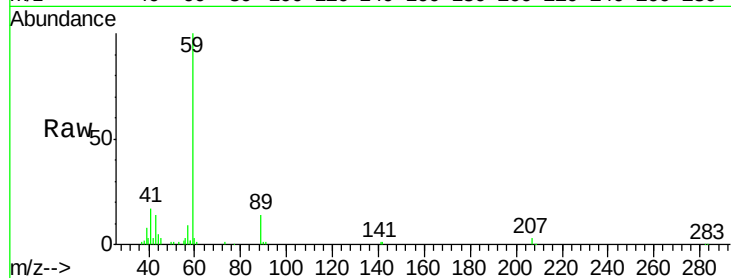
#11
Tert butyl alcohol
Concen: 147.550 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.0	12.0

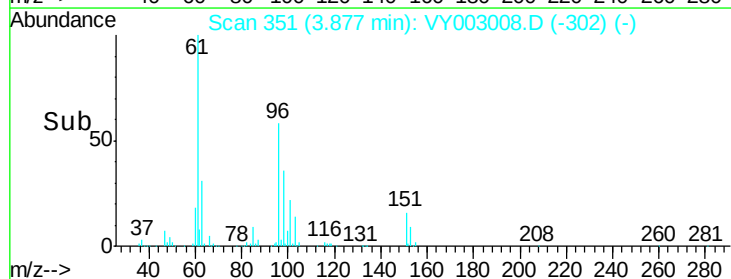
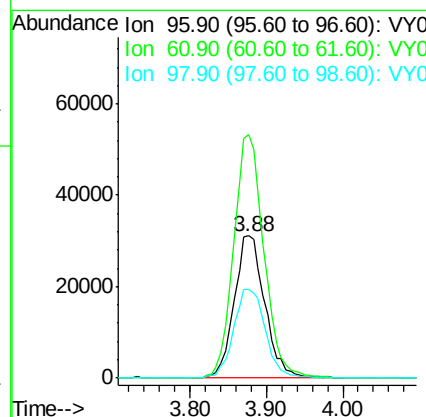
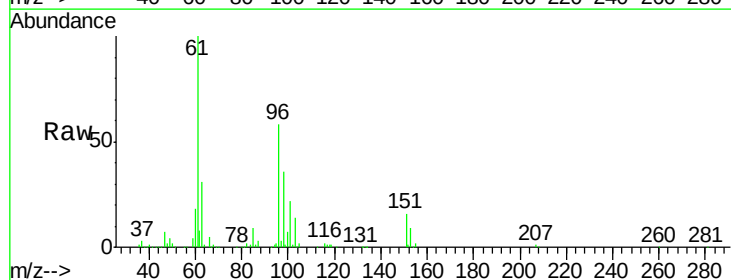
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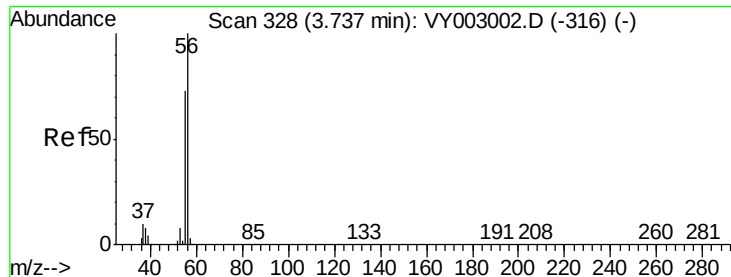
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.400 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.6	136.7	205.1
98	62.1	49.7	74.5





#13

Acrolein

Concen: 124.627 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 56 Resp: 52404

Ion Ratio Lower Upper

56 100

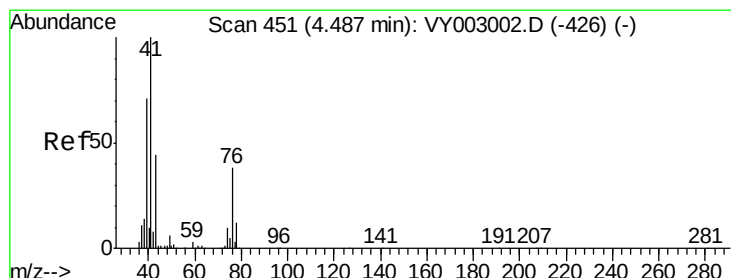
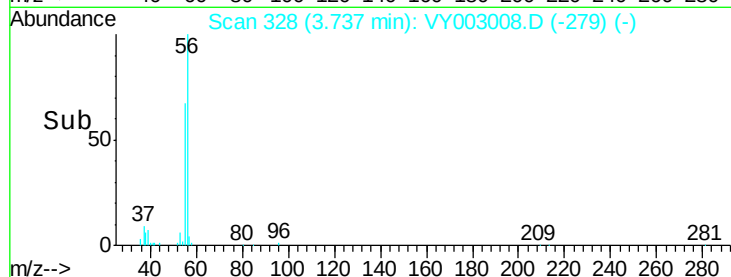
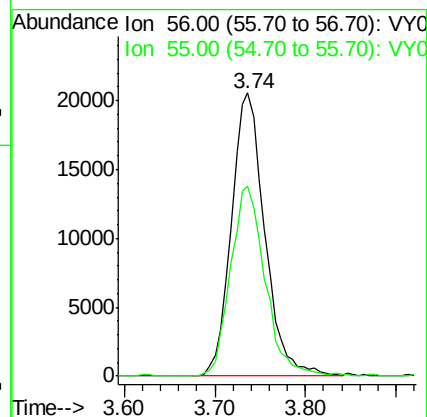
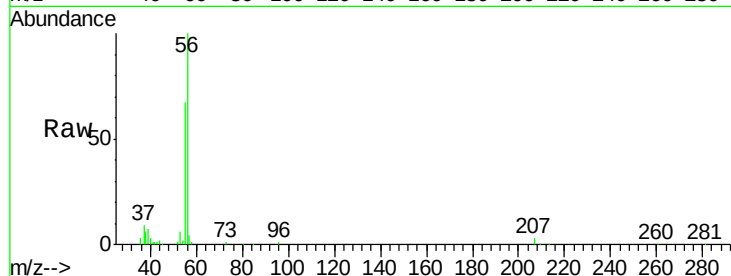
55 69.8 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 21.910 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

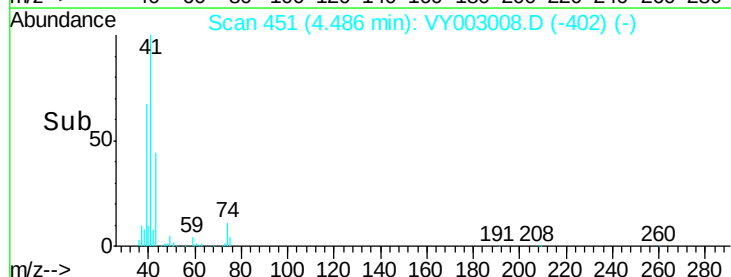
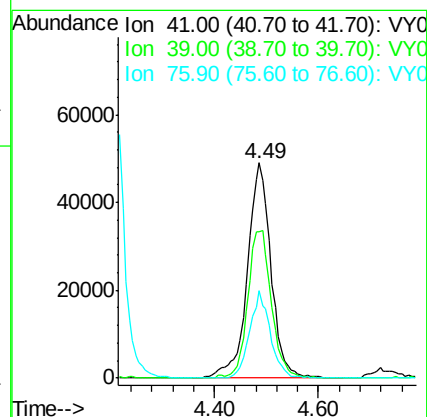
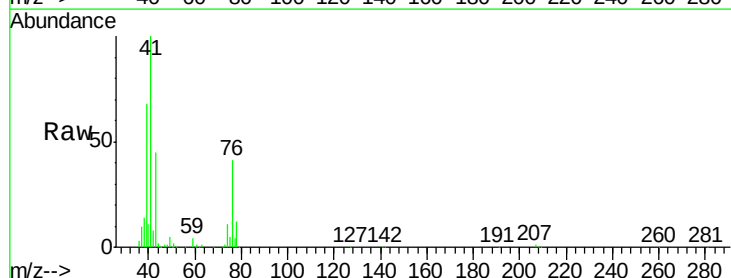
Tgt Ion: 41 Resp: 153484

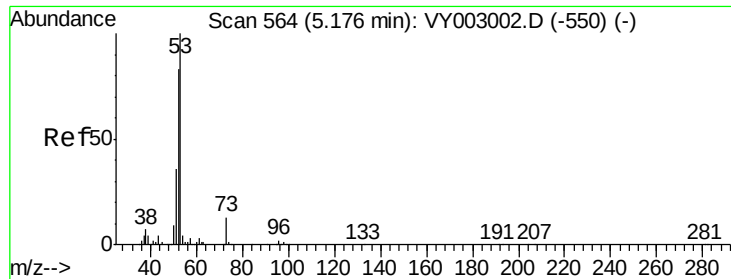
Ion Ratio Lower Upper

41 100

39 68.0 55.6 83.4

76 35.2 28.6 43.0





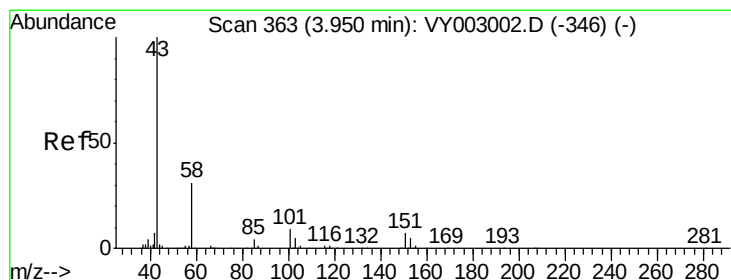
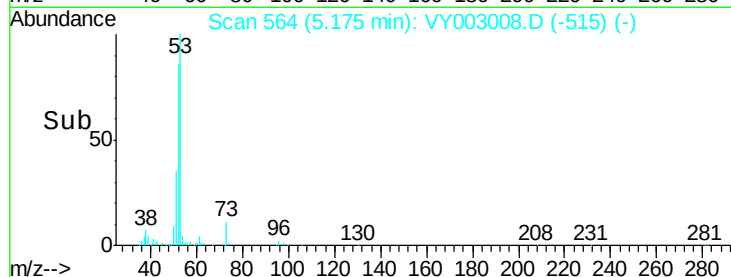
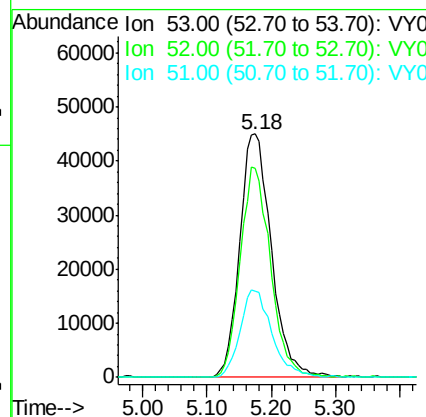
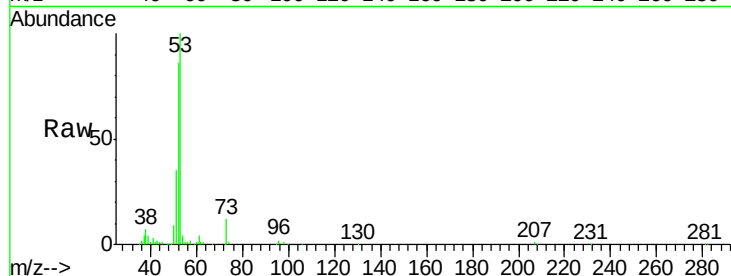
#15
 Acrylonitrile
 Concen: 122.648 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.2	29.5	44.3

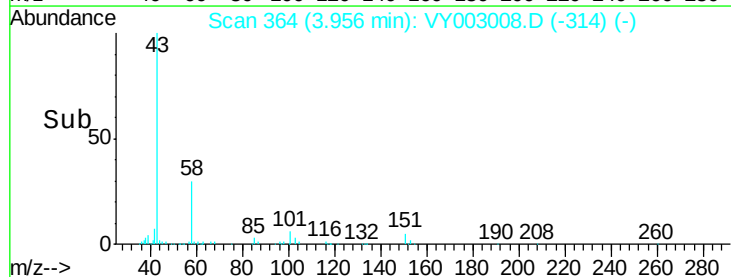
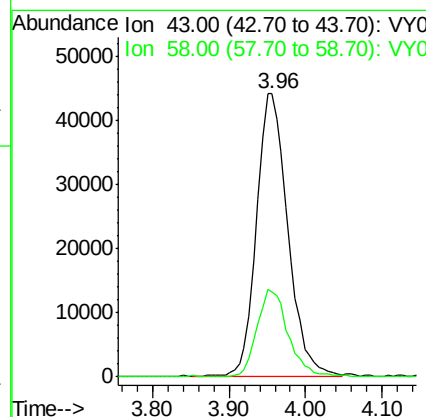
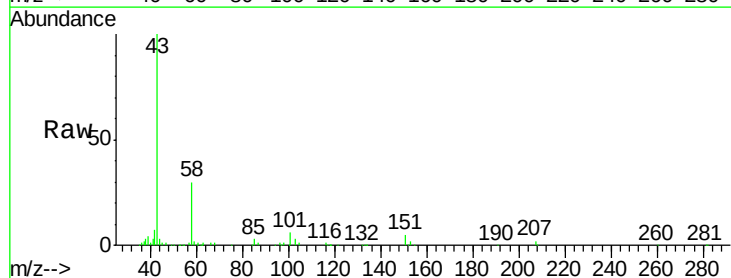
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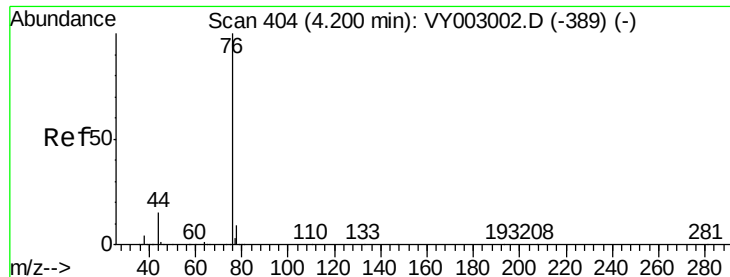
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#16
 Acetone
 Concen: 117.312 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.7	37.1





#17

Carbon Disulfide

Concen: 21.502 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 76 Resp: 275626

Ion Ratio Lower Upper

76 100

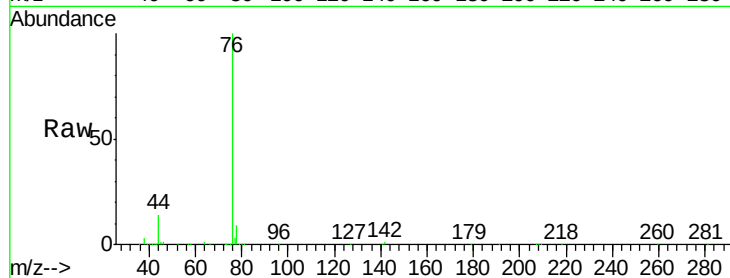
78 8.9 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

120000

100000

80000

60000

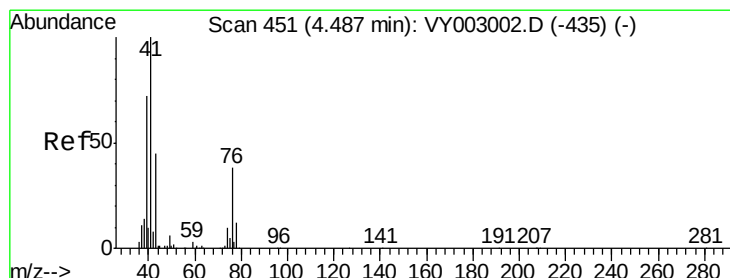
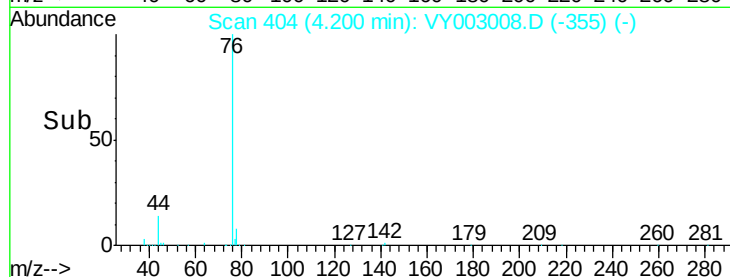
40000

20000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 24.197 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003008.D

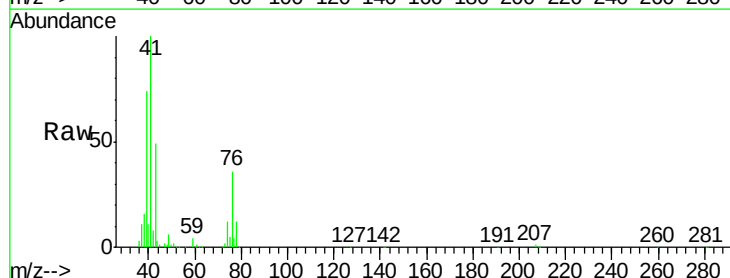
Acq: 29 Jun 2020 15:55

Tgt Ion: 43 Resp: 70631

Ion Ratio Lower Upper

43 100

74 23.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

25000

20000

15000

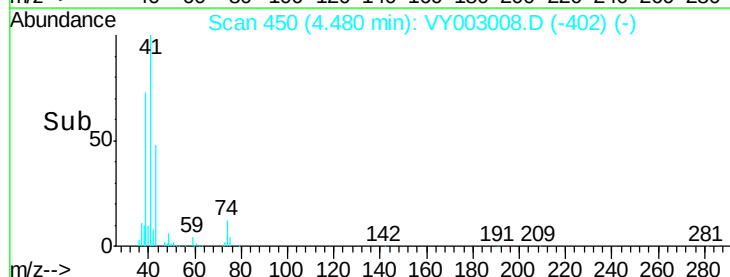
10000

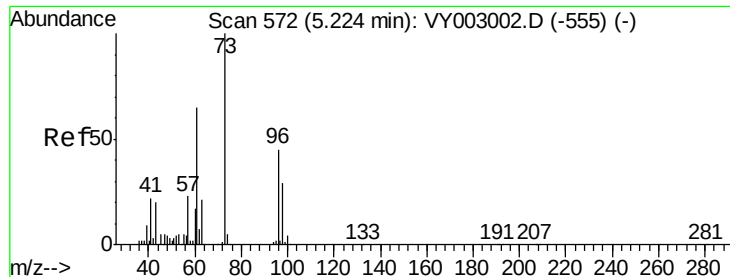
5000

0

Time-->

4.30 4.40 4.50 4.60





#19

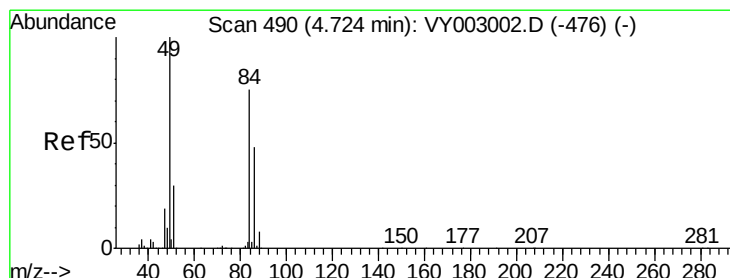
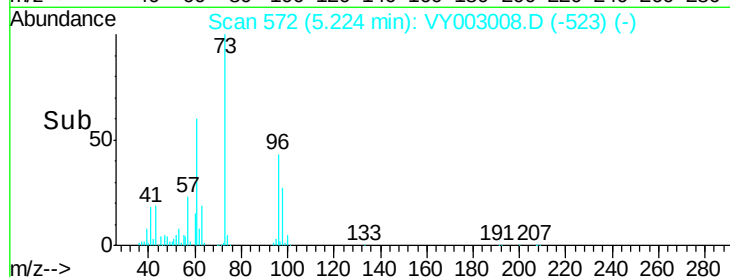
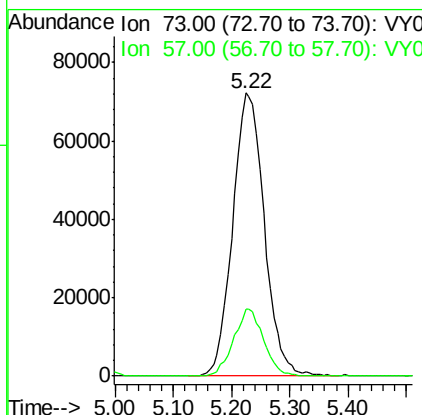
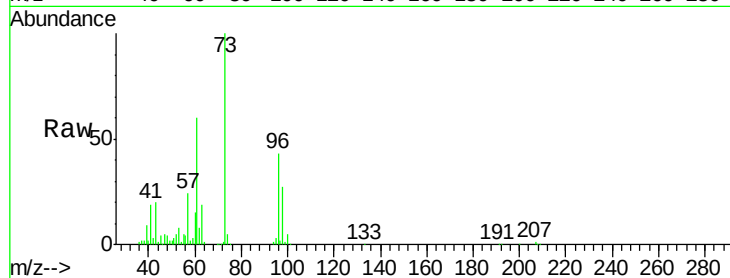
Methyl tert-butyl Ether
 Concen: 23.286 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.2	27.2

Manual Integrations
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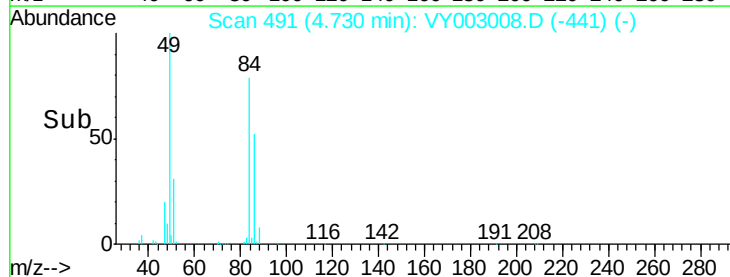
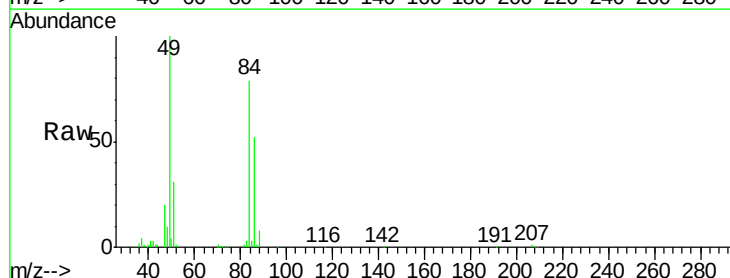
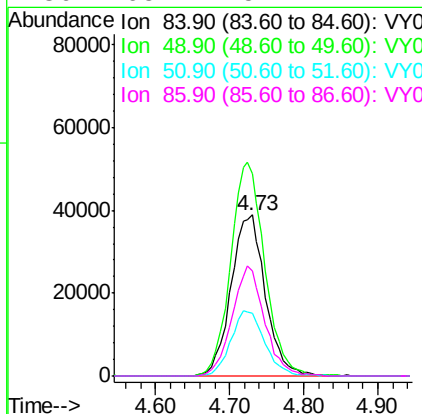
MMDadoda
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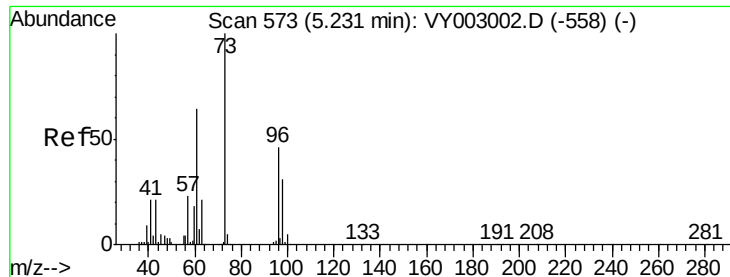


#20

Methylene Chloride
 Concen: 21.983 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.8	160.2
51	38.7	32.0	48.0
86	65.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 22.070 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

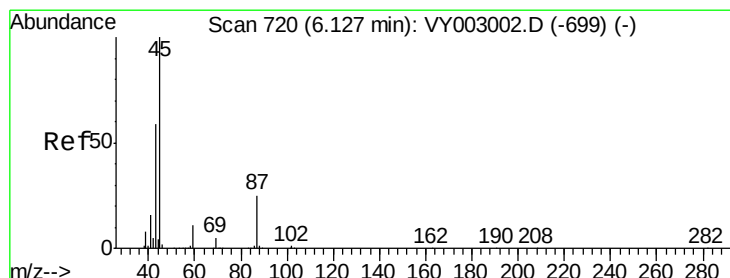
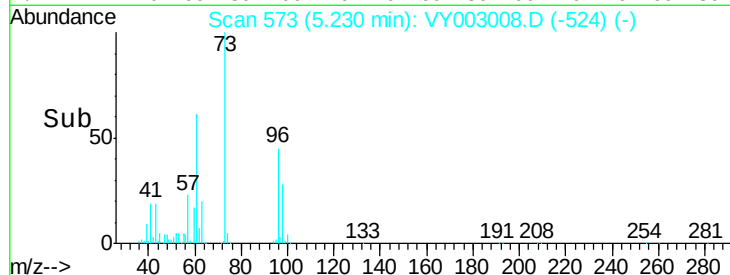
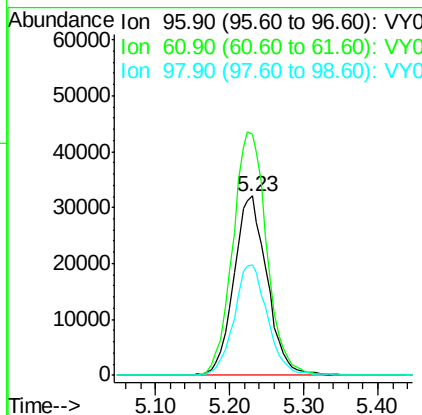
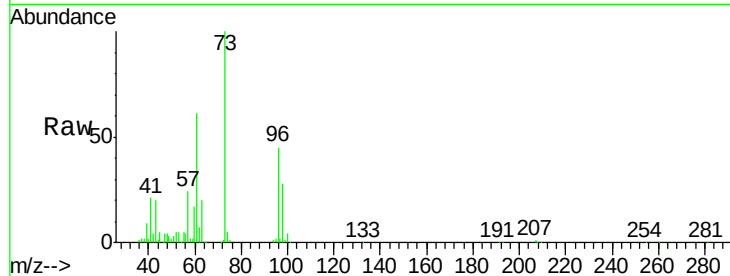
ClientSampleId :

VY0629SBS01

Tot Ion:	96	Resp:	100162
Ion	Ratio	Lower	Upper
96	100		
61	134.5	112.3	168.5
98	61.5	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.174 ug/l

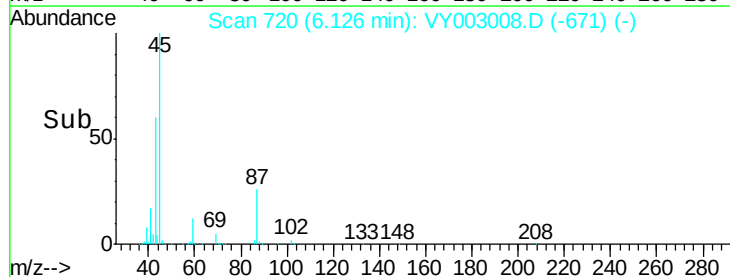
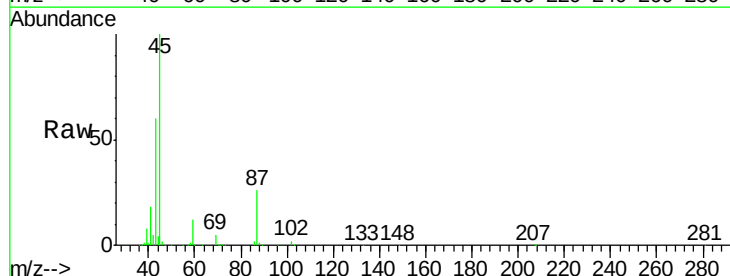
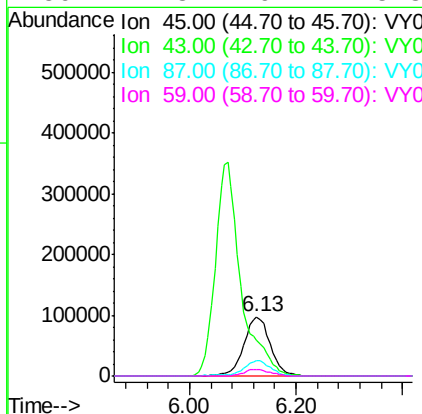
RT: 6.13 min Scan# 720

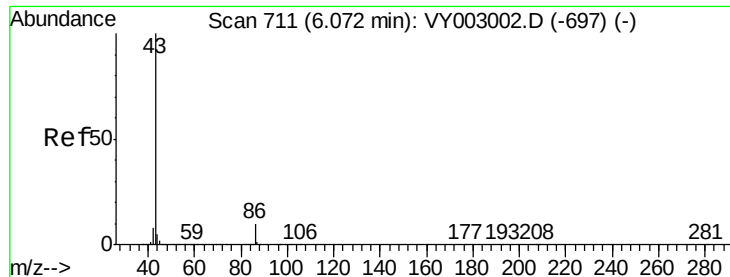
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	45	Resp:	332924
Ion	Ratio	Lower	Upper
45	100		
43	59.5	47.4	71.2
87	25.8	20.2	30.2
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 116.811 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 43 Resp: 1172534

Ion Ratio Lower Upper

43 100

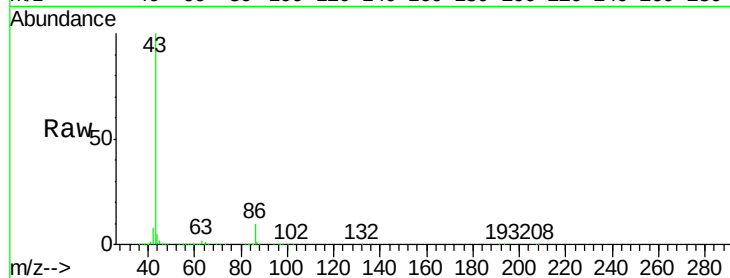
86 10.0 8.1 12.1

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6/30/2020 12:54:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

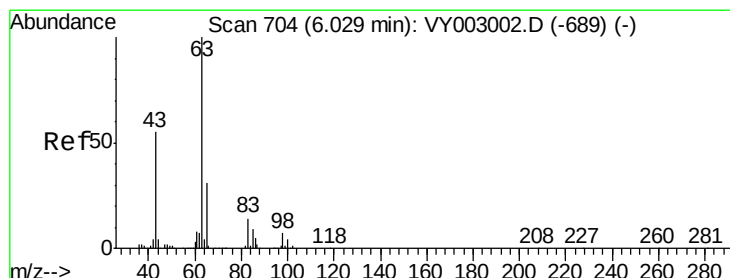
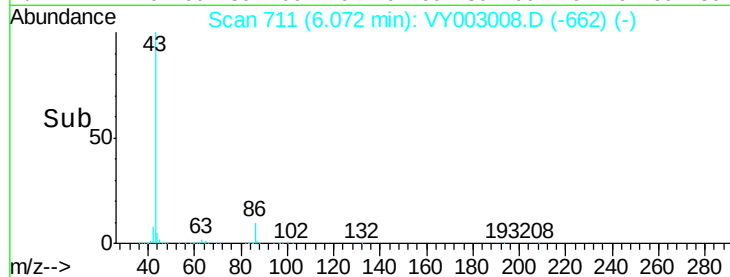
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.907 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

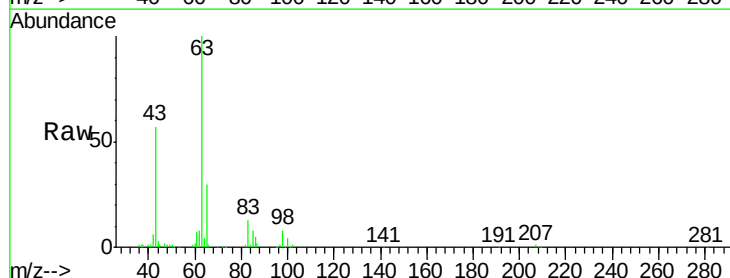
Tgt Ion: 63 Resp: 179670

Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 4.4 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

80000

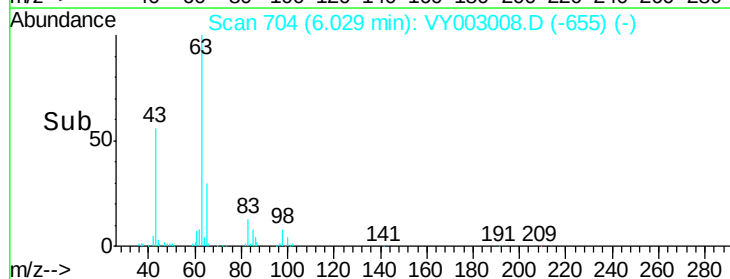
60000

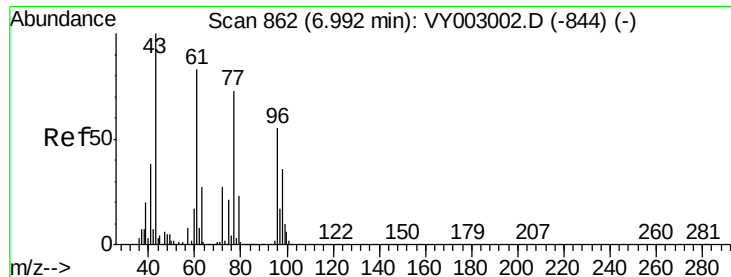
40000

20000

0

Time-->





#25

2-Butanone

Concen: 126.051 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 43 Resp: 216944

Ion Ratio Lower Upper

43 100

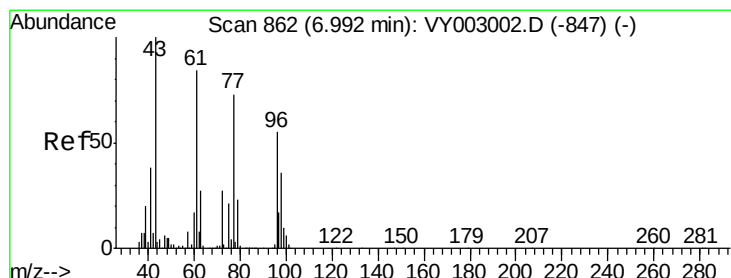
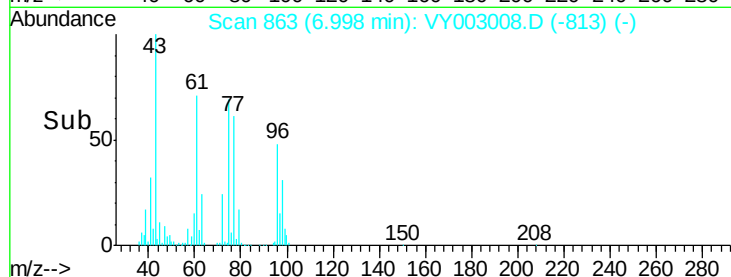
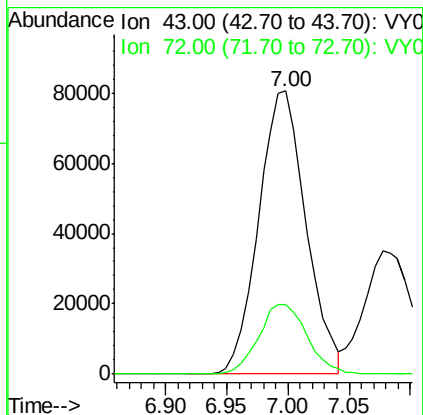
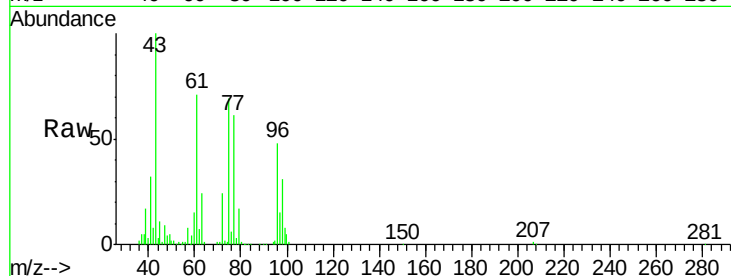
72 24.4 21.4 32.0

Manual Integrations

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6/30/2020 12:54:16 PM



#26

2,2-Dichloropropane

Concen: 22.263 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003008.D

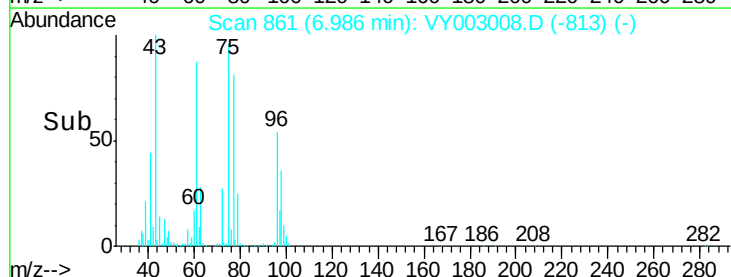
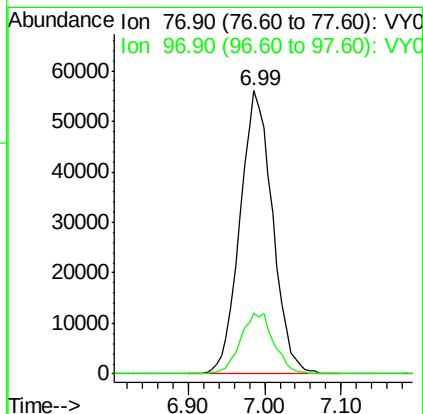
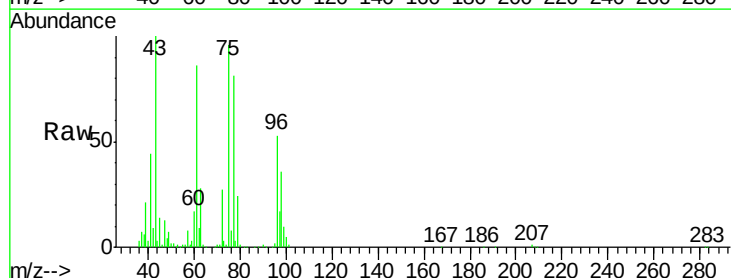
Acq: 29 Jun 2020 15:55

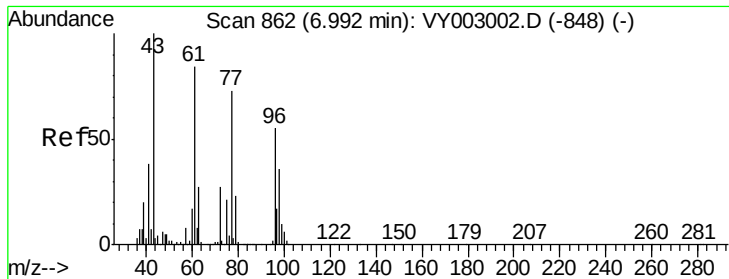
Tgt Ion: 77 Resp: 165891

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9





#27

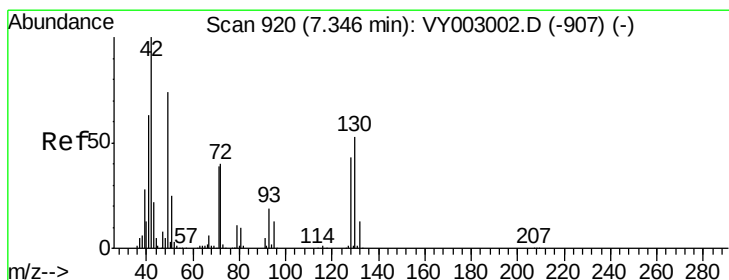
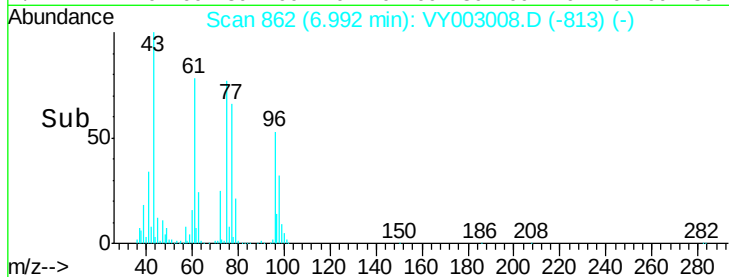
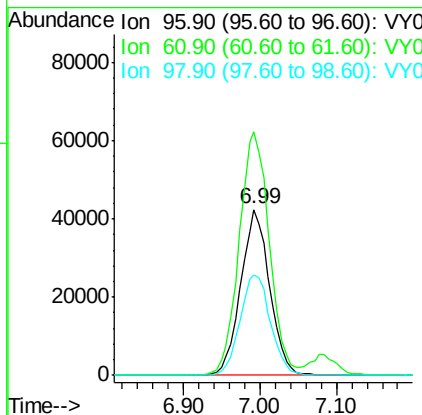
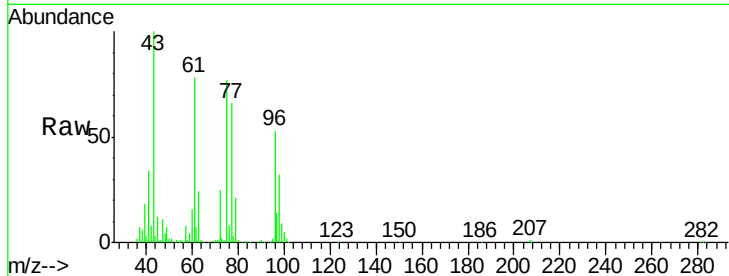
cis-1,2-Dichloroethene
Concen: 21.907 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	301.2
98	63.7	0.0	129.0

Manual Integrations
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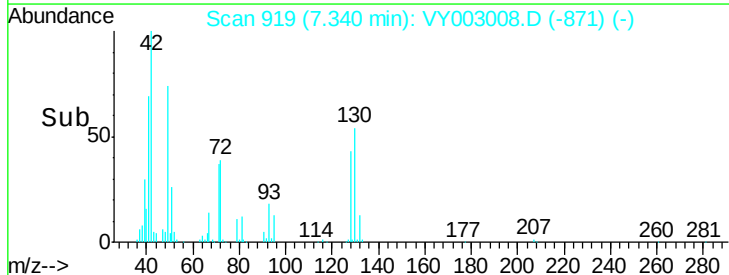
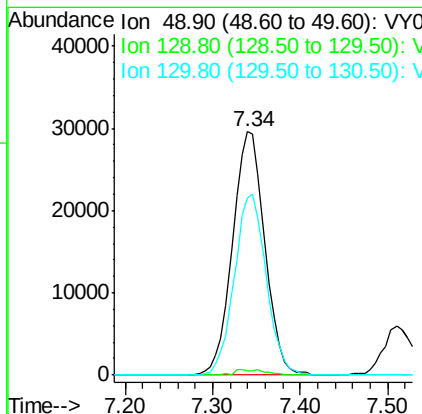
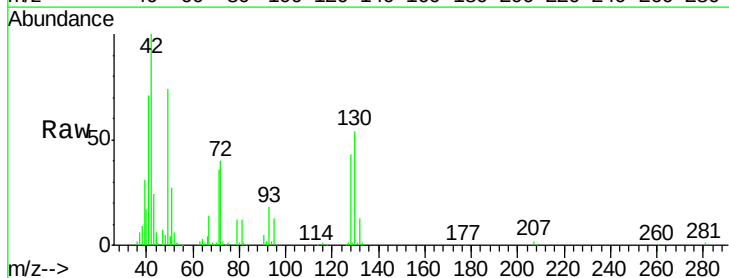
MMDadoda
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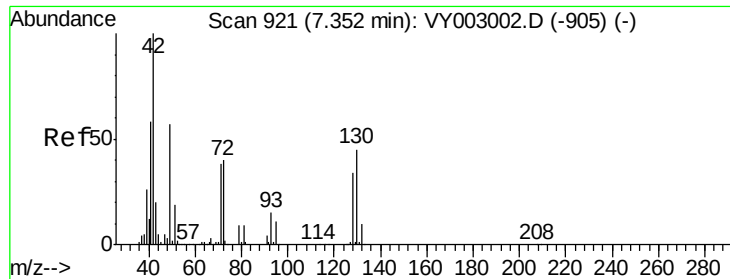


#28

Bromochloromethane
Concen: 20.746 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	73.8	57.0	85.6





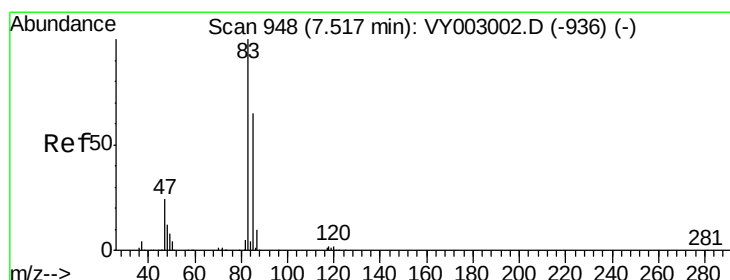
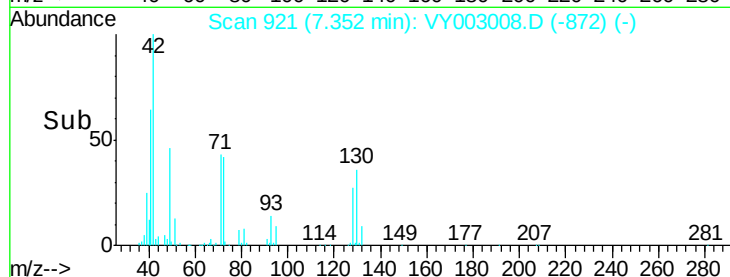
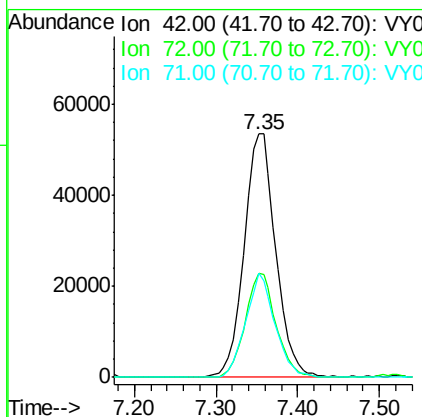
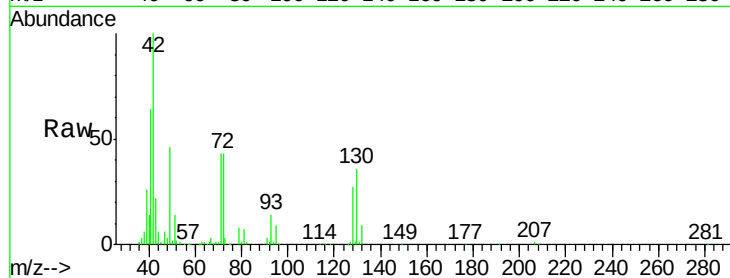
#29
Tetrahydrofuran
Concen: 126.311 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.9	49.3
71	39.6	31.2	46.8

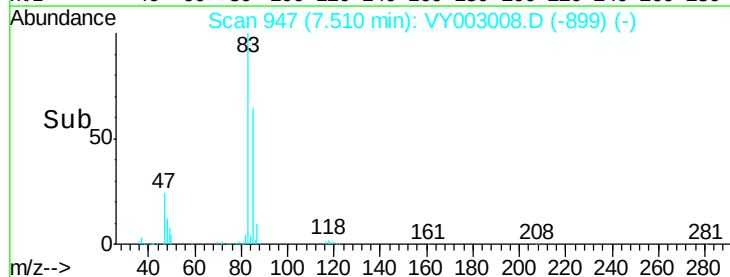
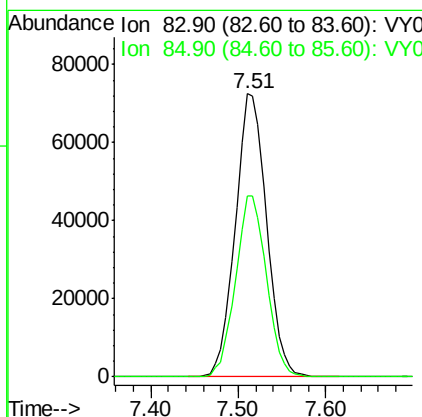
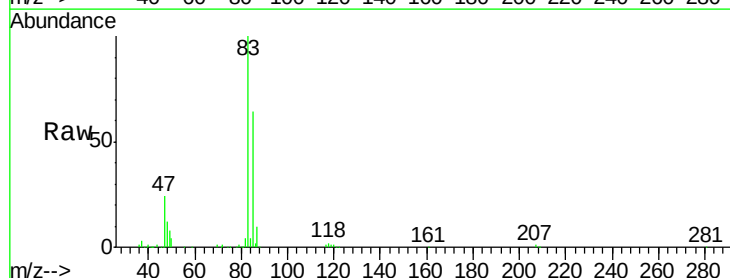
Manual Integrations
APPROVED

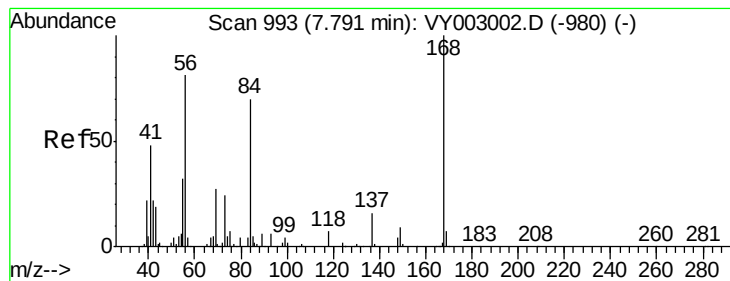
MMDadoda
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#30
Chloroform
Concen: 22.165 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5





#31

Cyclohexane

Concen: 21.436 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

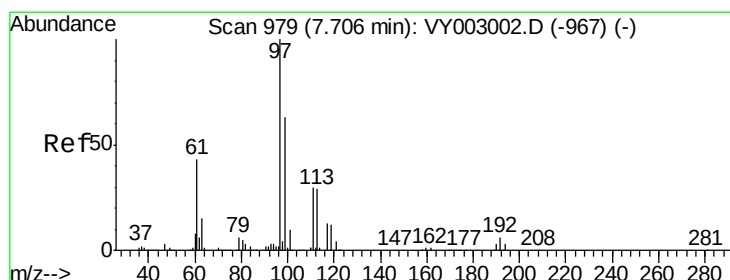
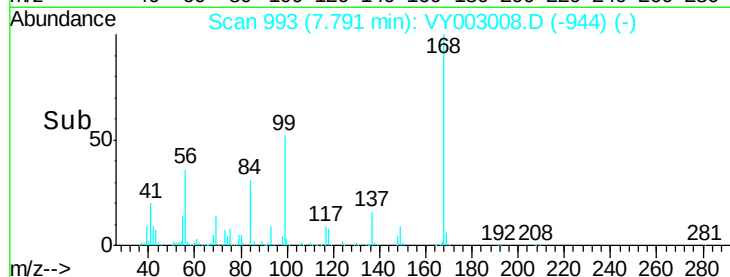
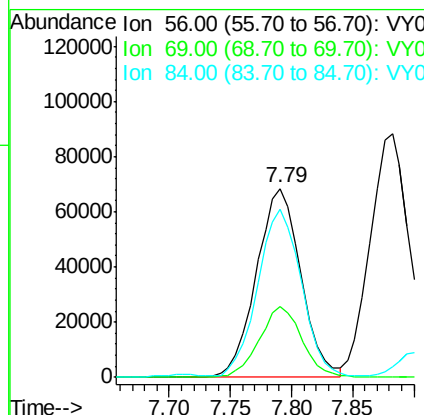
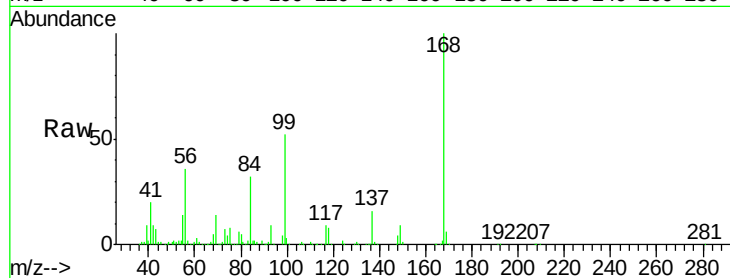
ClientSampleId :

VY0629SBS01

Tot Ion:	56	Resp:	173192
Ion	Ratio	Lower	Upper
56	100		
69	37.7	27.0	40.4
84	87.2	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.782 ug/l

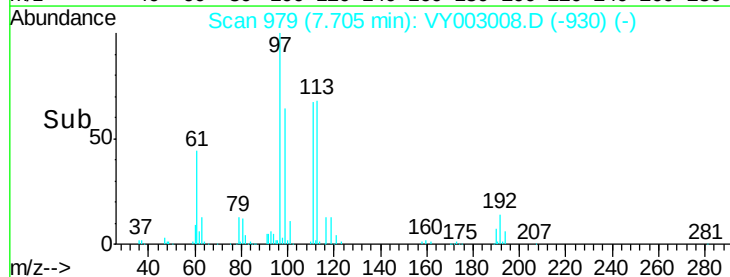
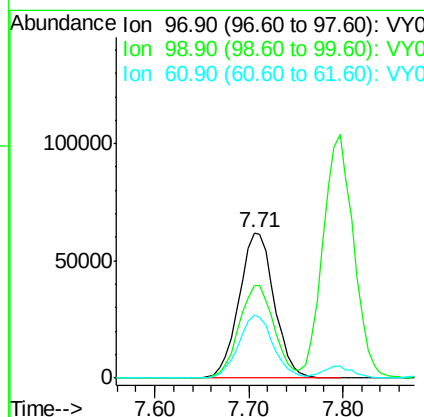
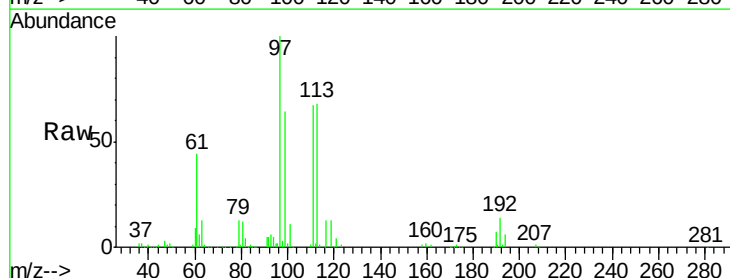
RT: 7.71 min Scan# 979

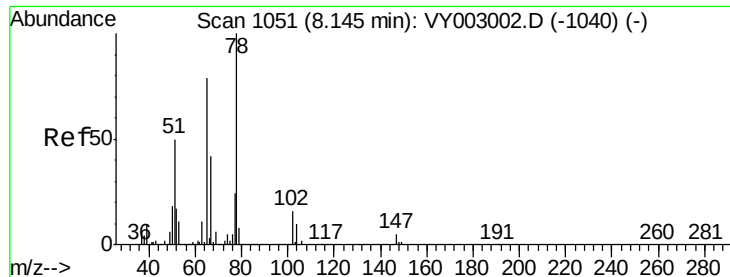
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	97	Resp:	161548
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	42.8	33.9	50.9





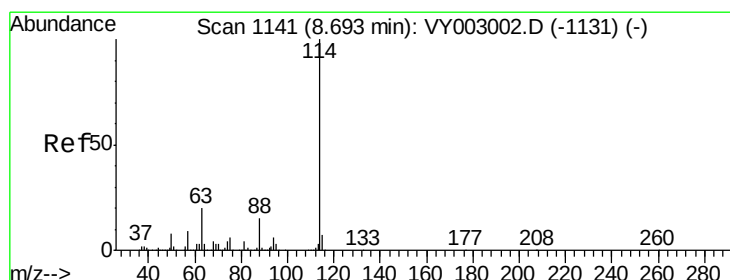
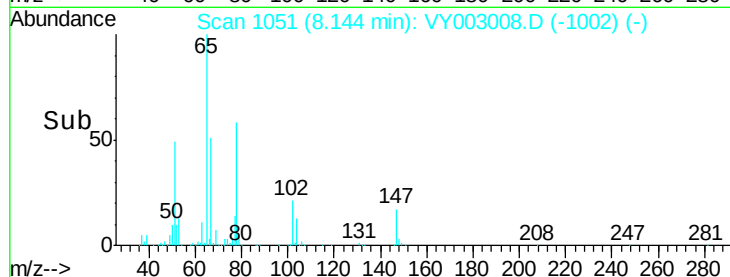
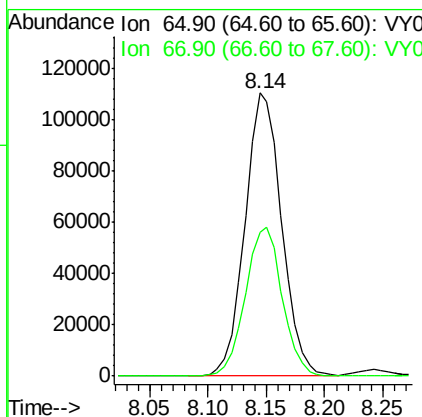
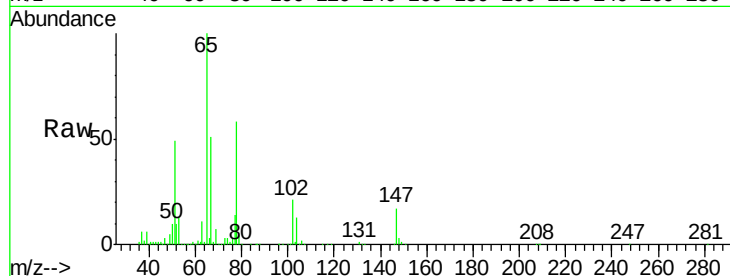
#33
 1,2-Dichloroethane-d4
 Concen: 52.873 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	242893		
67	52.8	0.0	105.6	

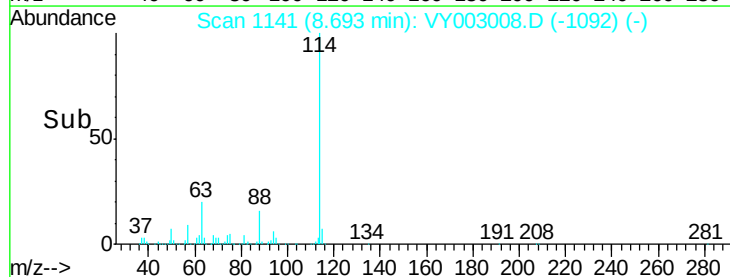
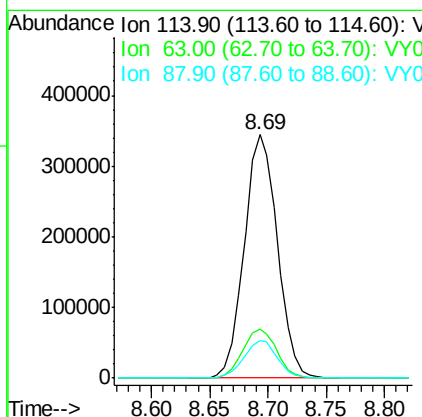
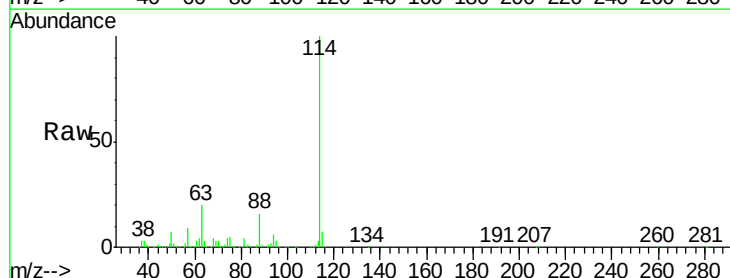
Manual Integrations
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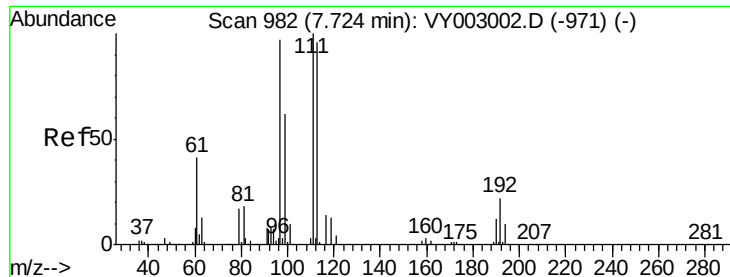
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	684247		
63	20.1	0.0	40.6	
88	15.6	0.0	30.0	





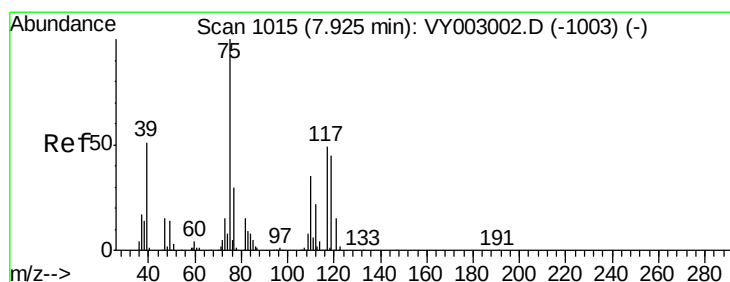
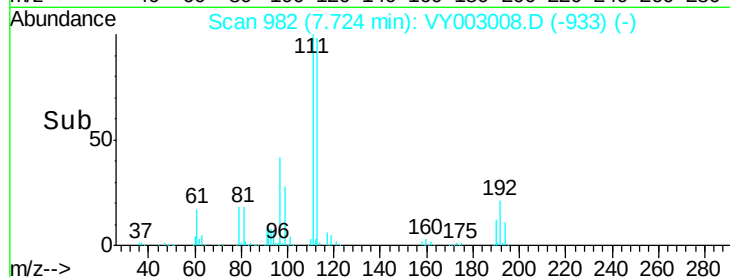
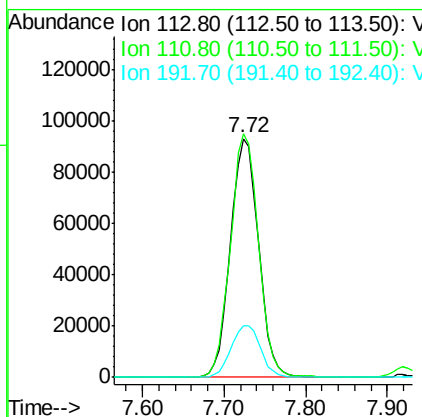
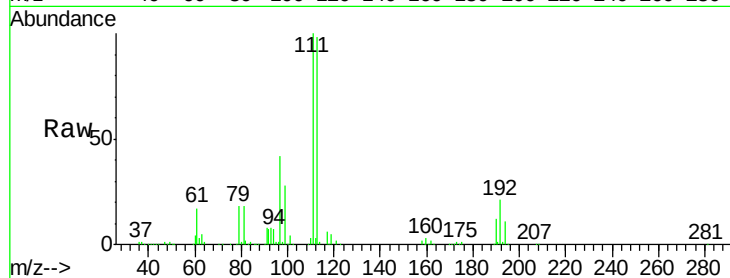
#35
Dibromofluoromethane
Concen: 51.650 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	220467		
111	102.0		82.6	123.8
192	22.9		18.1	27.1

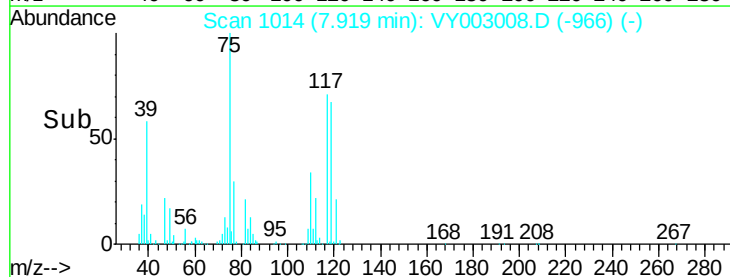
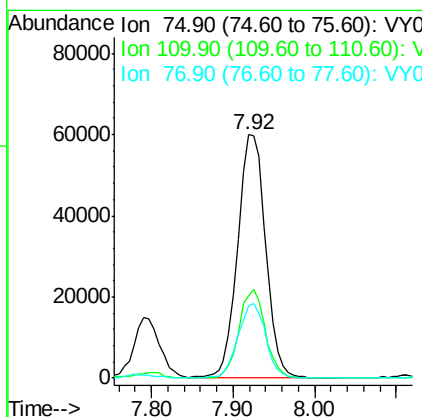
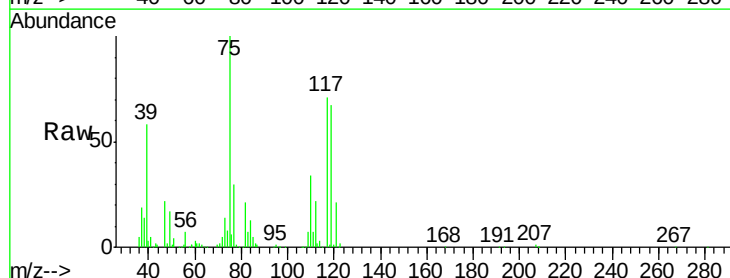
Manual Integrations
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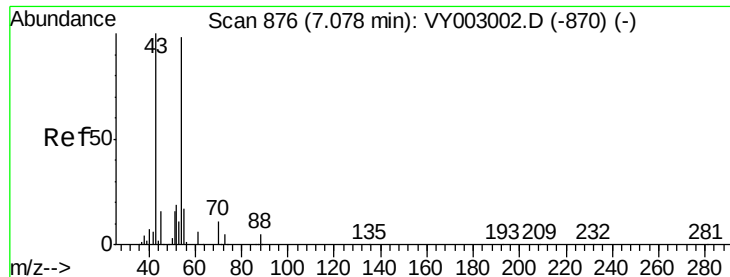
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#36
1,1-Dichloropropene
Concen: 21.672 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142836		
110	34.2		17.1	51.2
77	30.3		24.9	37.3





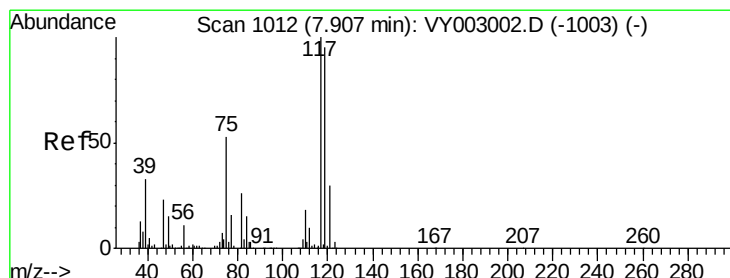
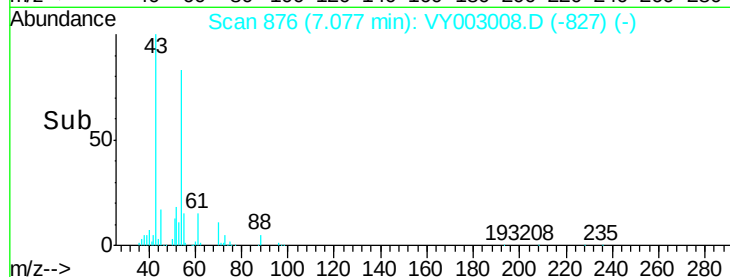
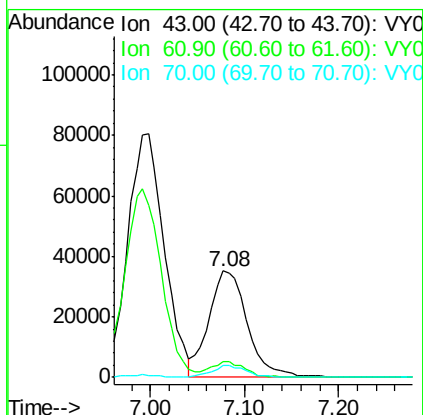
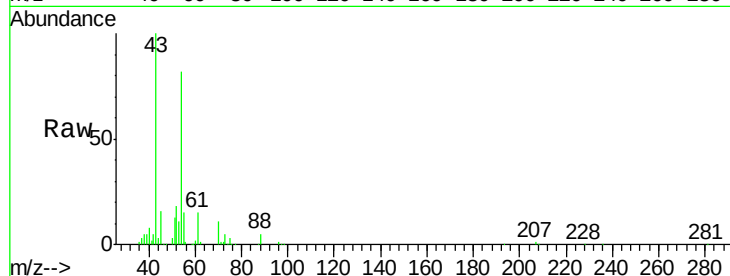
#37
Ethyl Acetate
Concen: 24.903 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.0	7.7	11.5

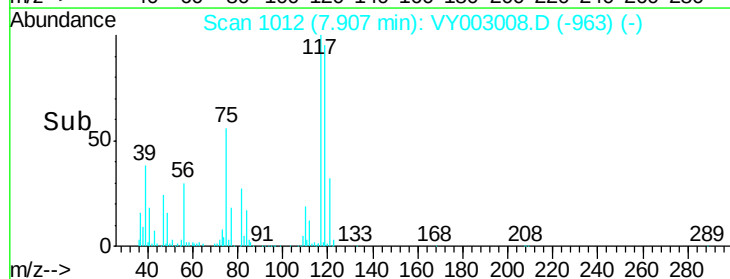
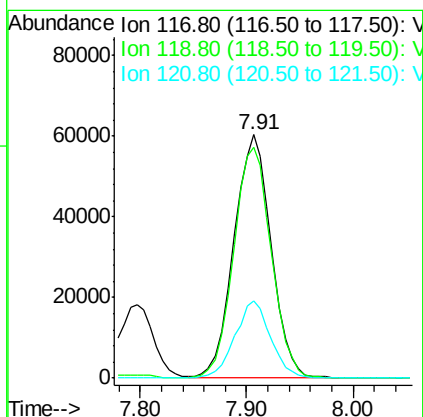
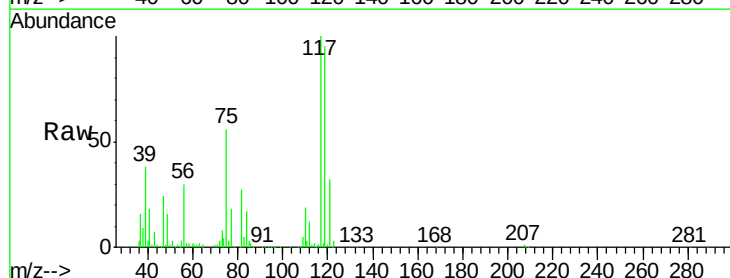
Manual Integrations
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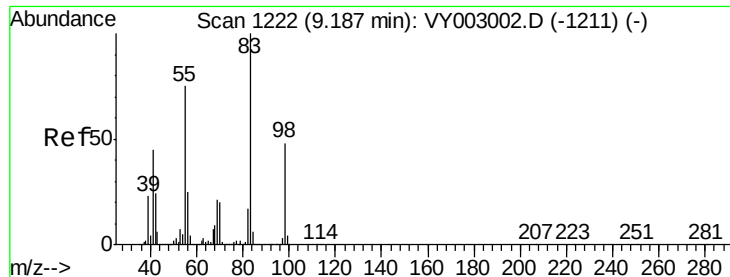
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#38
Carbon Tetrachloride
Concen: 21.602 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.7	113.5
121	31.5	23.9	35.9





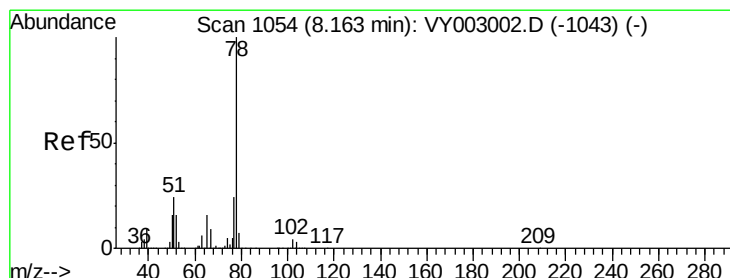
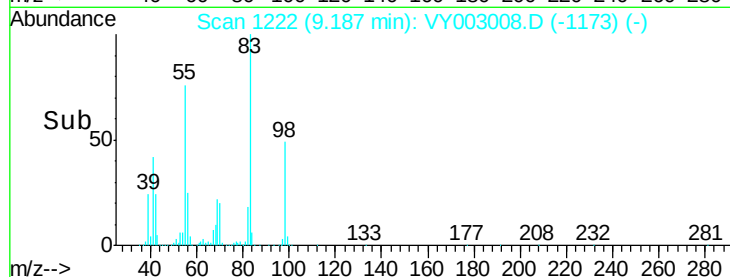
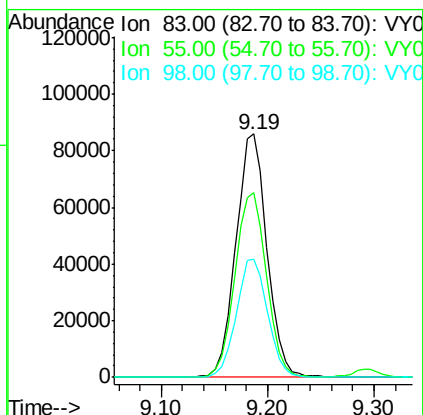
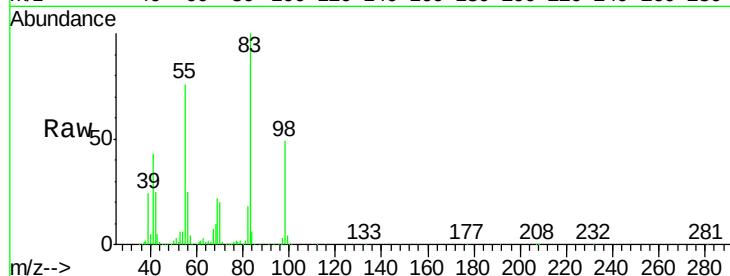
#39
Methylvlcyclohexane
Concen: 21.501 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.9	89.9
98	48.7	38.7	58.1

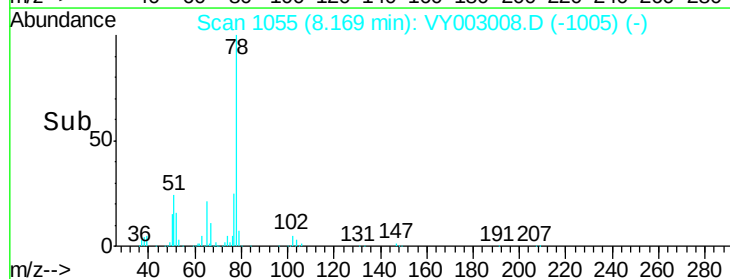
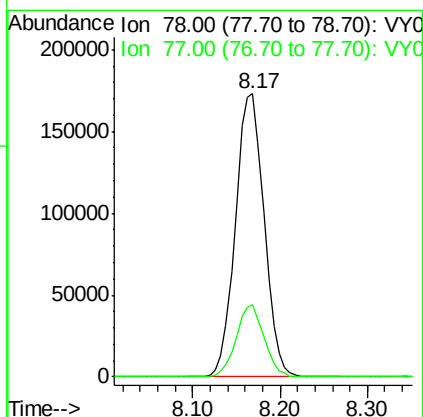
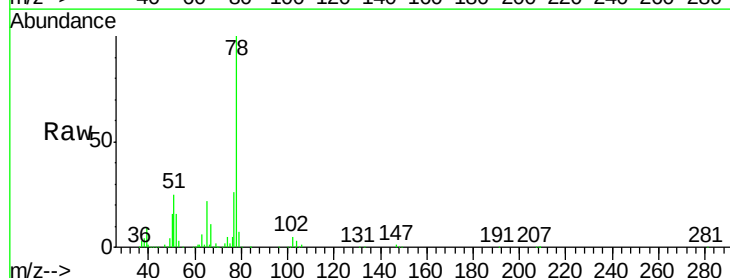
Manual Integrations
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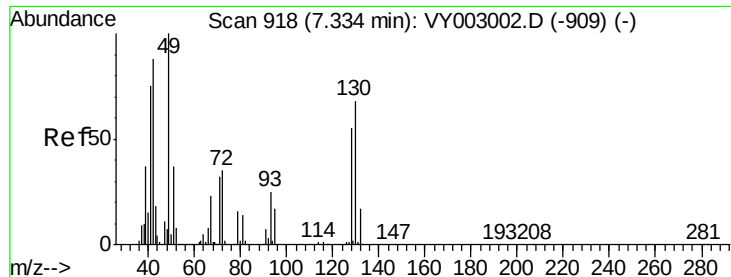
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#40
Benzene
Concen: 21.893 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.2	28.8





#41

Methacrylonitrile

Concen: 18.480 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 41 Resp: 39120

Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

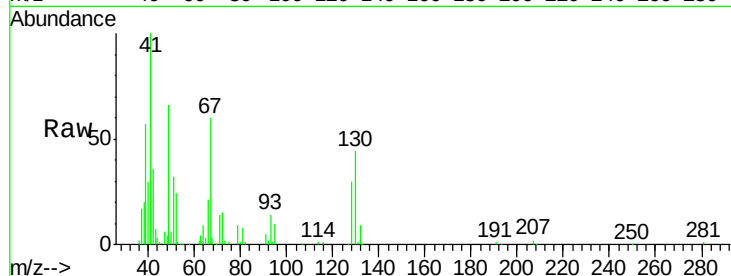
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

6/30/2020 12:54:16 PM

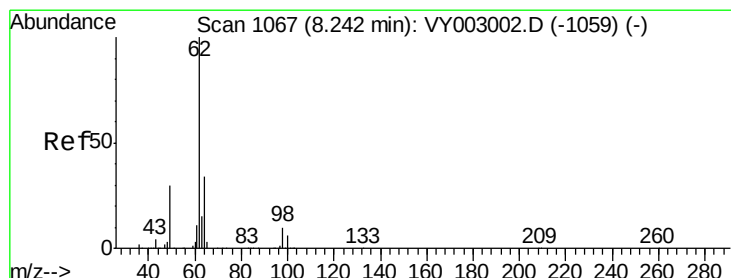
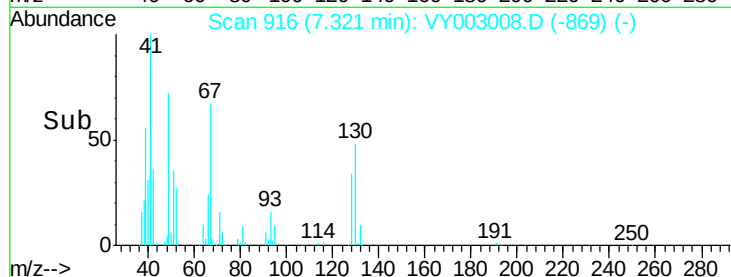
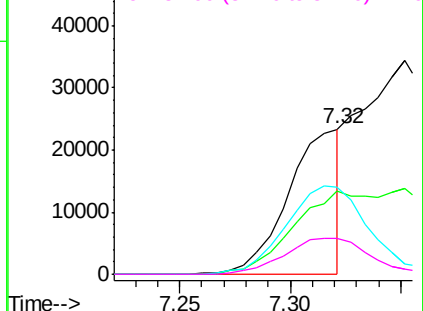


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 22.586 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003008.D

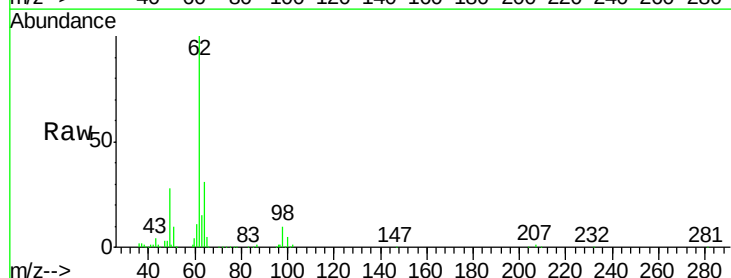
Acq: 29 Jun 2020 15:55

Tgt Ion: 62 Resp: 128931

Ion Ratio Lower Upper

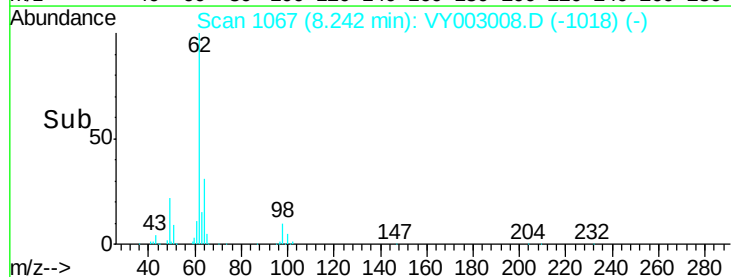
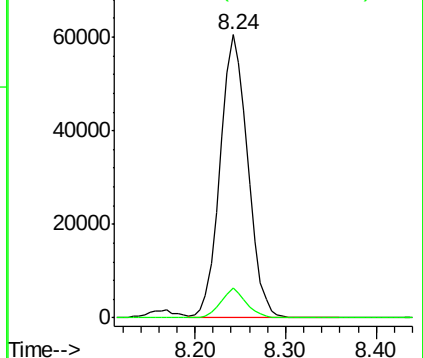
62 100

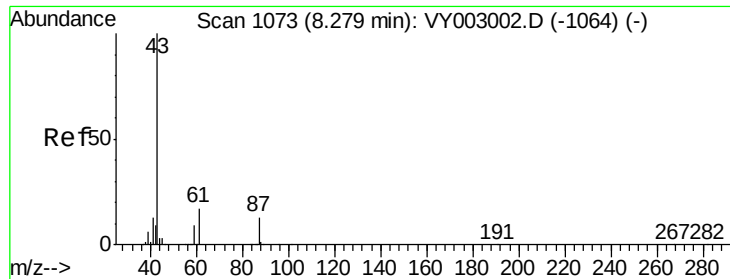
98 9.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





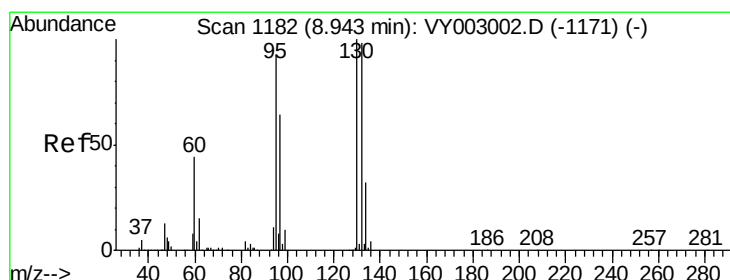
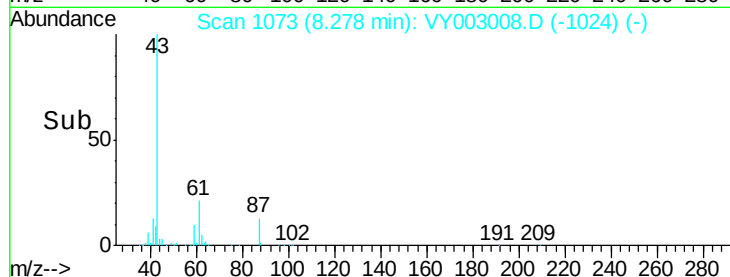
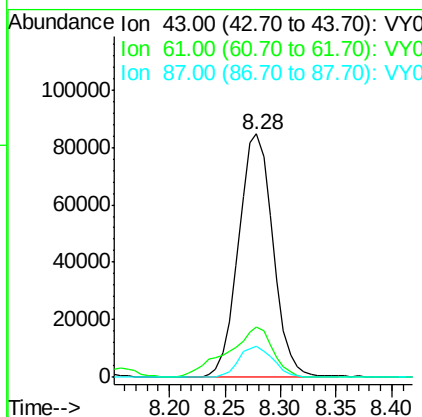
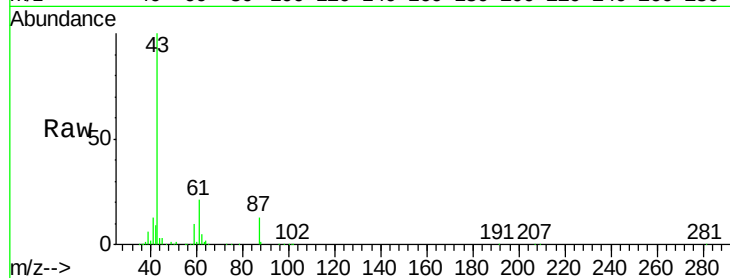
#43
Isopropyl Acetate
Concen: 24.165 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.8	32.6
87	12.9	10.1	15.1

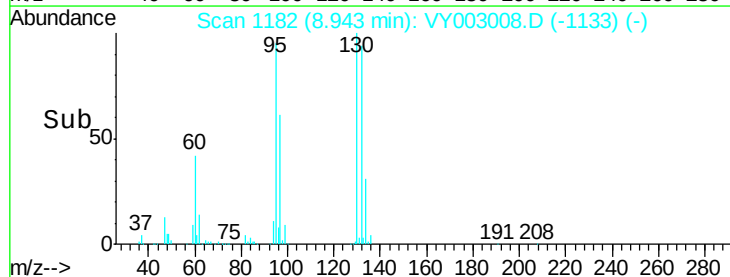
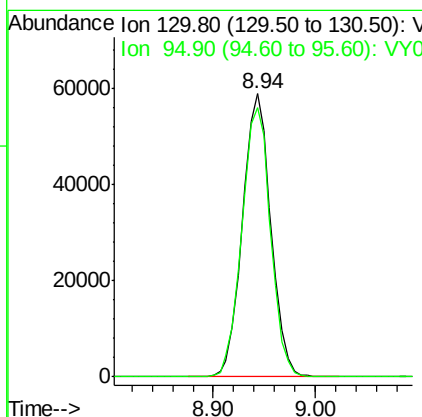
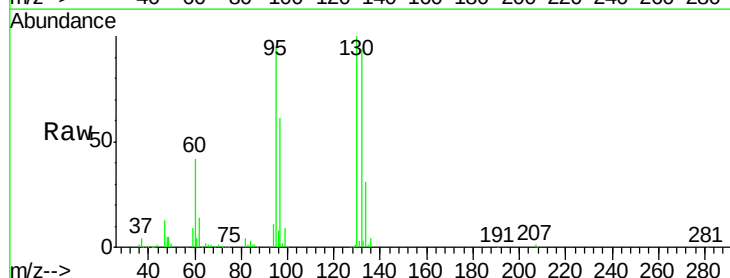
Manual Integrations
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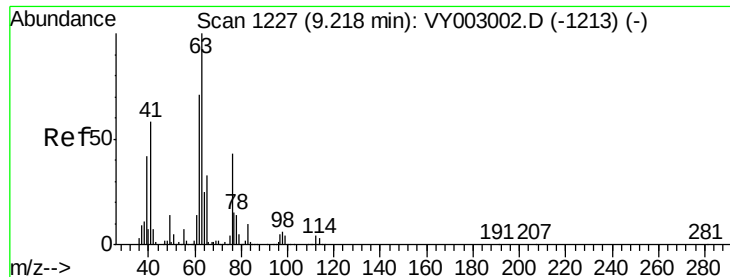
MMDadoda
6/30/2020 12:54:16 PM



#44
Trichloroethene
Concen: 21.703 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	186.4





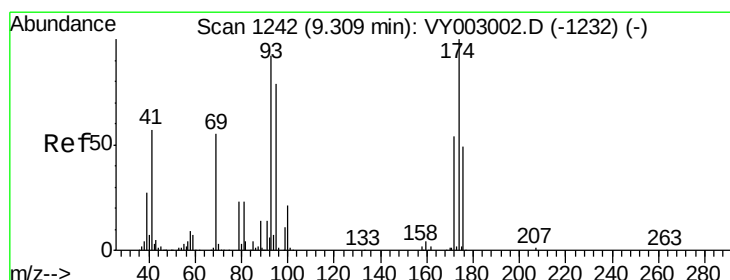
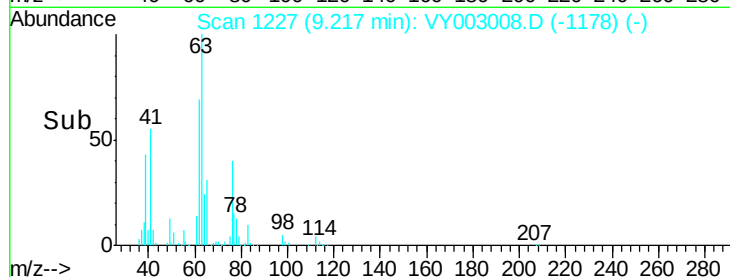
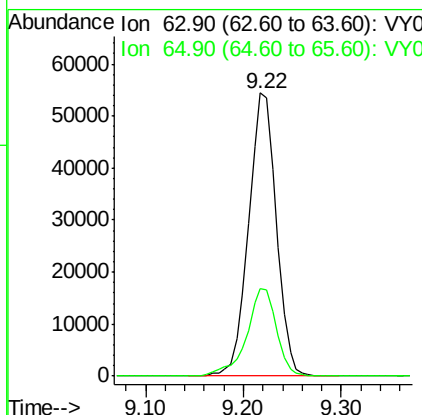
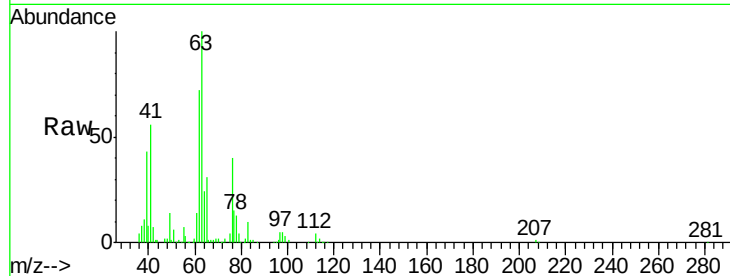
#45
 1,2-Dichloropropane
 Concen: 22.063 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	26.2	39.4

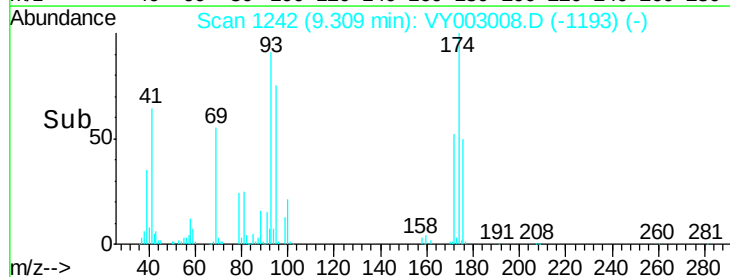
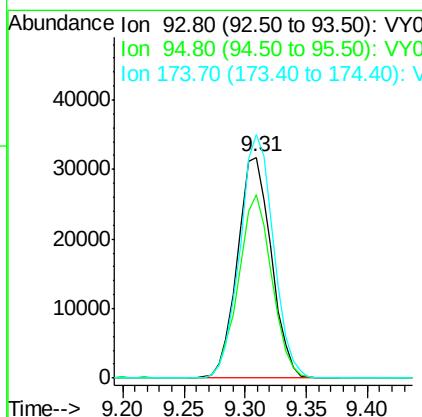
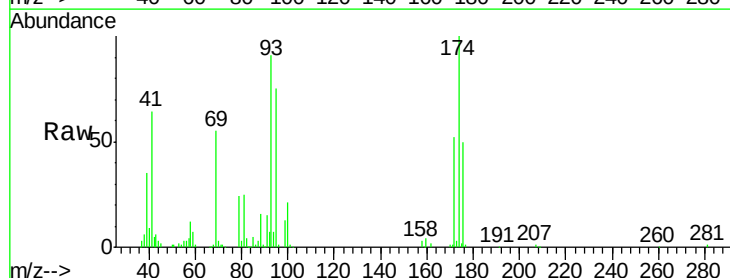
Manual Integrations
 APPROVED

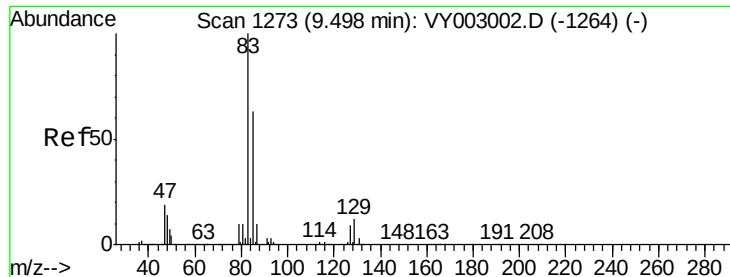
MMDadoda
 6/30/2020 12:54:16 PM



#46
 Dibromomethane
 Concen: 22.509 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.6	101.4
174	109.6	88.3	132.5





#47

Bromodichloromethane

Concen: 22.257 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

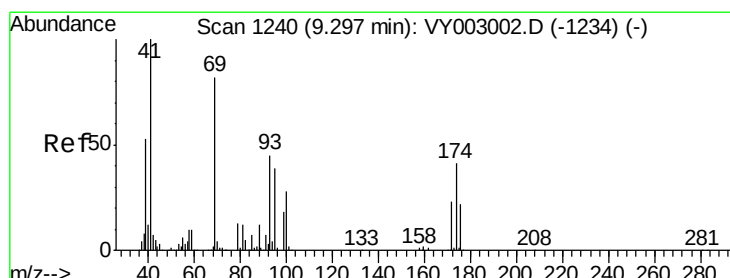
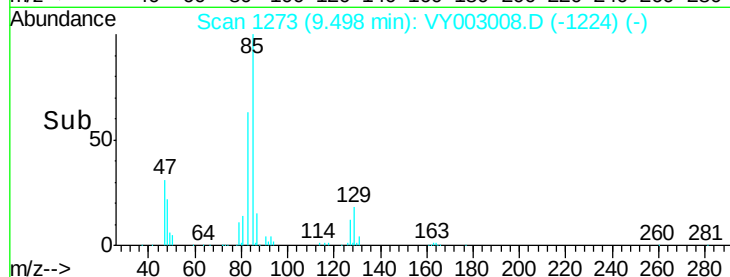
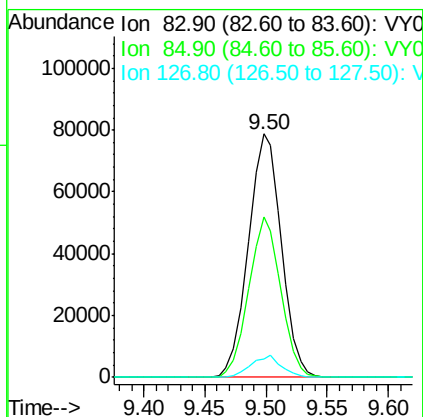
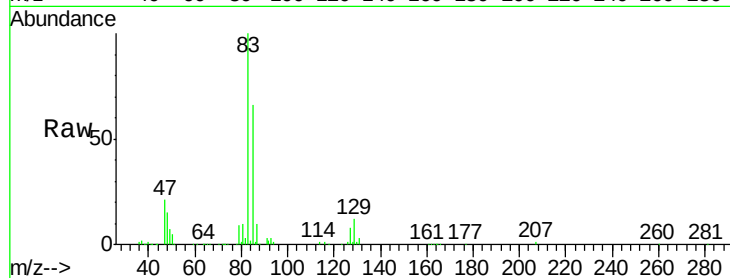
ClientSampleId :

VY0629SBS01

Tot Ion:	83	Resp:	147763
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.5	75.7
127	7.7	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:16 PM



#48

Methyl methacrylate

Concen: 23.907 ug/l

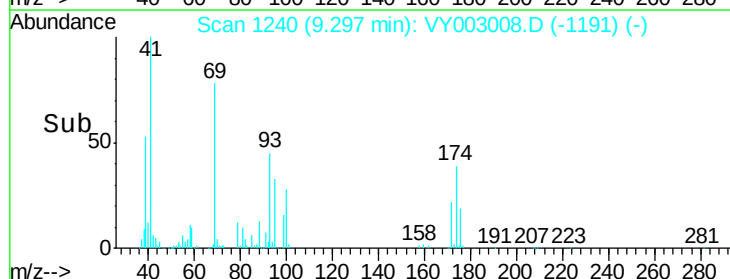
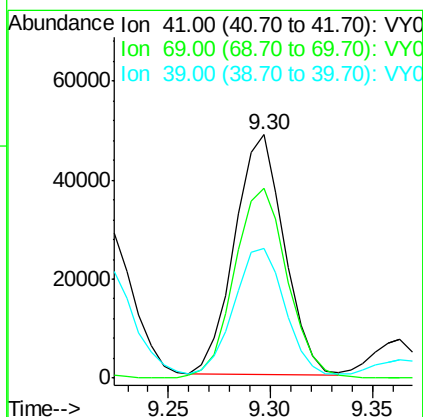
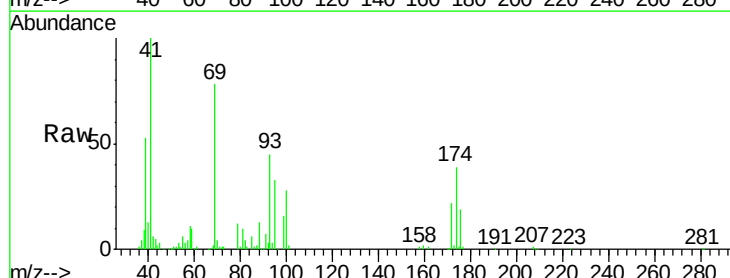
RT: 9.30 min Scan# 1240

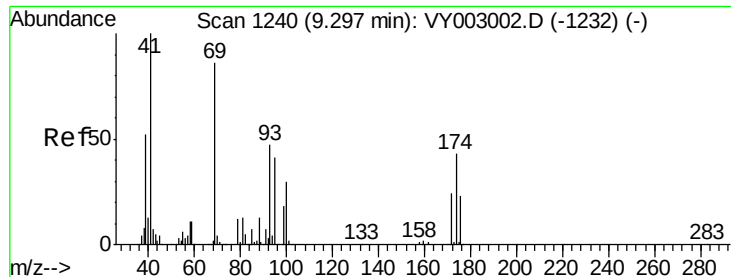
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	41	Resp:	81978
Ion	Ratio	Lower	Upper
41	100		
69	84.1	67.7	101.5
39	56.9	45.0	67.4





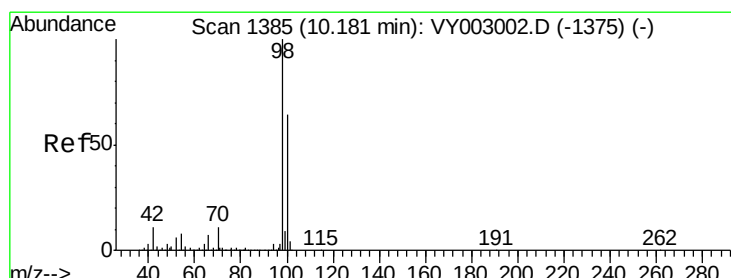
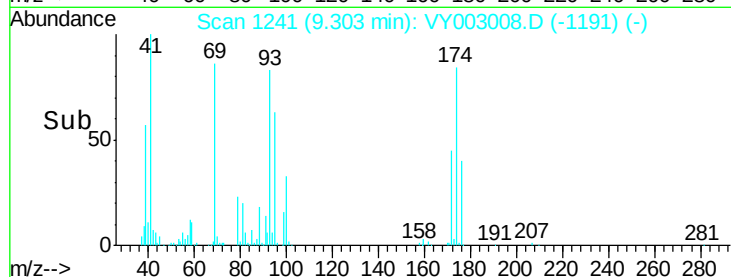
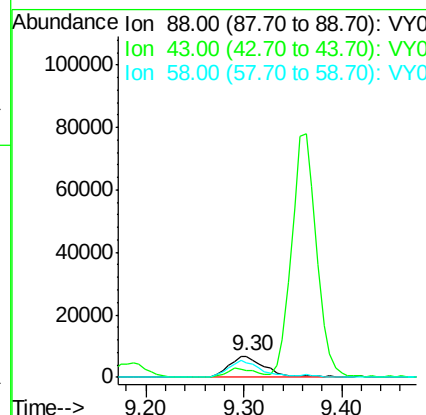
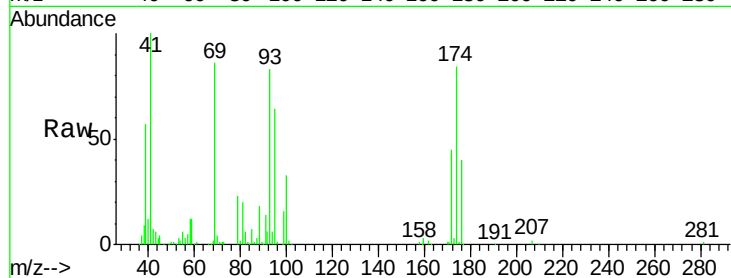
#49
1,4-Dioxane
Concen: 536.507 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	88	Resp	17757
Ion	Ratio	Lower	Upper
88	100		
43	33.0	28.6	42.8
58	68.3	56.7	85.1

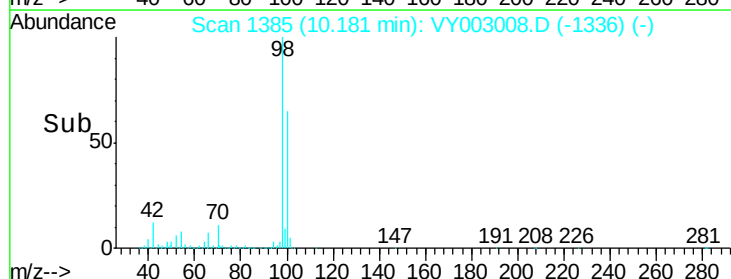
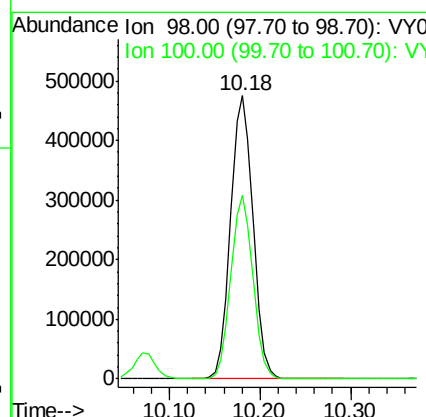
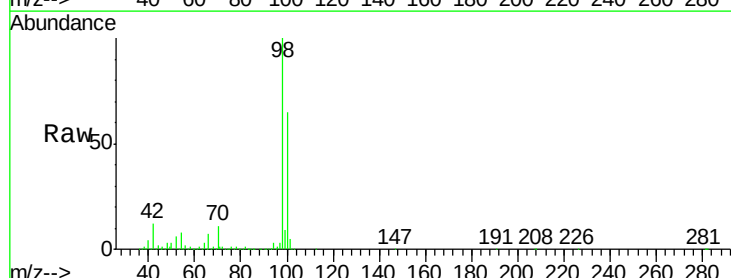
Manual Integrations
APPROVED

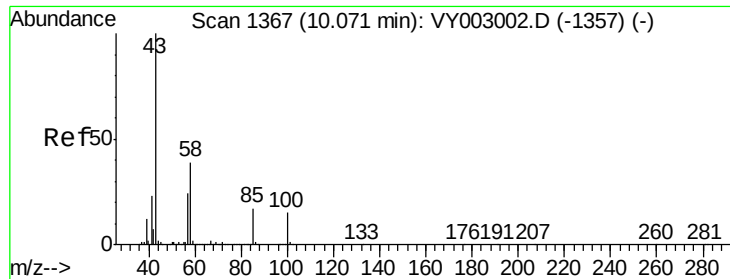
MMDadoda
6/30/2020 12:54:16 PM



#50
Toluene-d8
Concen: 51.204 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	98	Resp	814241
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





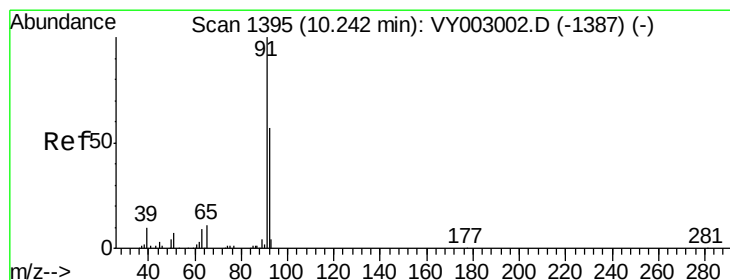
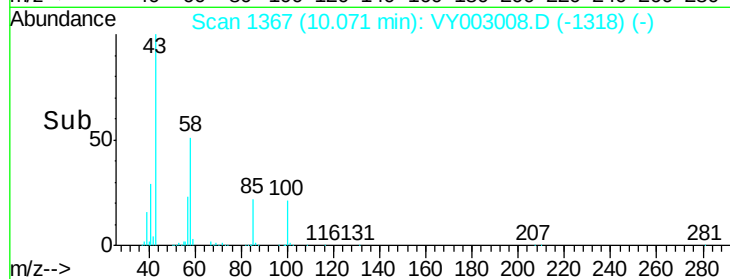
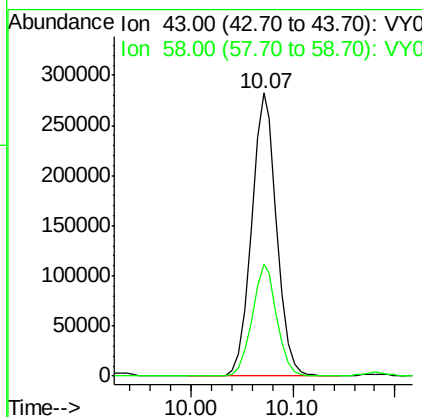
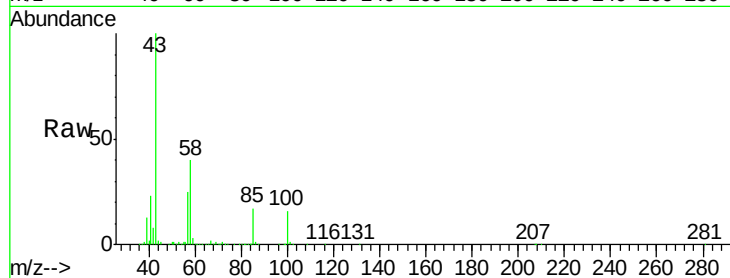
#51
4-Methyl-2-Pentanone
Concen: 123.622 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	43	Resp	481353
Ion Ratio	100	Lower	Upper
58	38.9	31.1	46.7

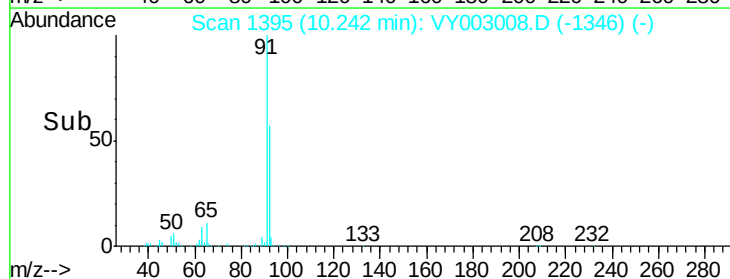
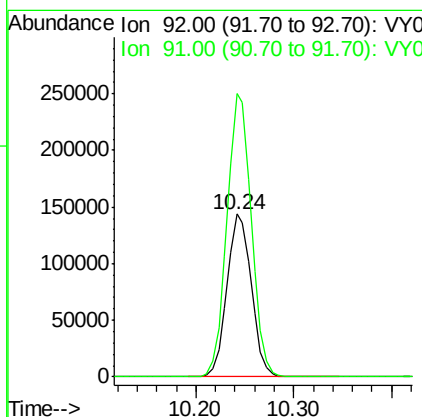
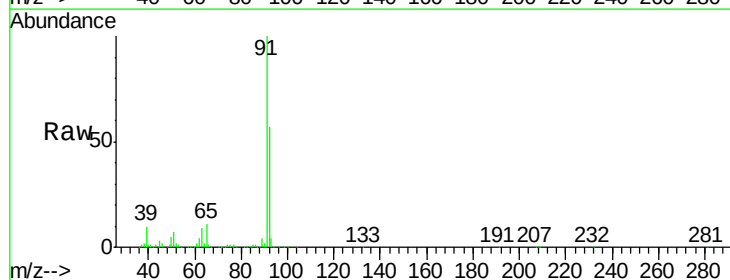
Manual Integrations
APPROVED

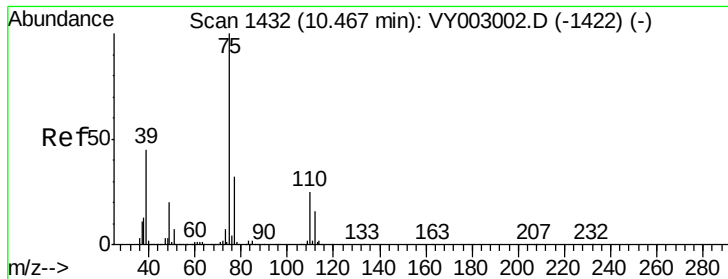
MMDadoda
6/30/2020 12:54:16 PM



#52
Toluene
Concen: 21.786 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	92	Resp	247464
Ion Ratio	100	Lower	Upper
91	174.4	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 22.394 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 75 Resp: 155874

Ion Ratio Lower Upper

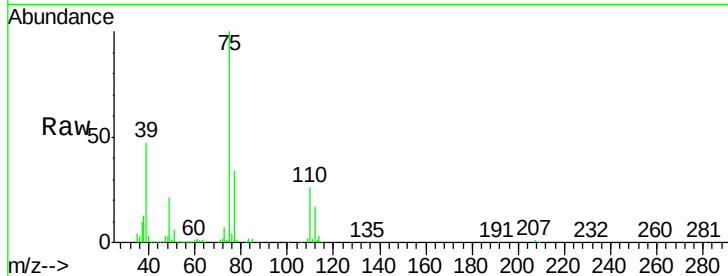
75 100

77 33.5 25.9 38.9

Manual Integrations
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MMDadoda

6/30/2020 12:54:16 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

60000

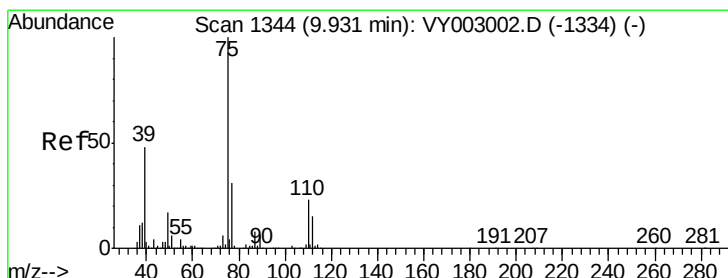
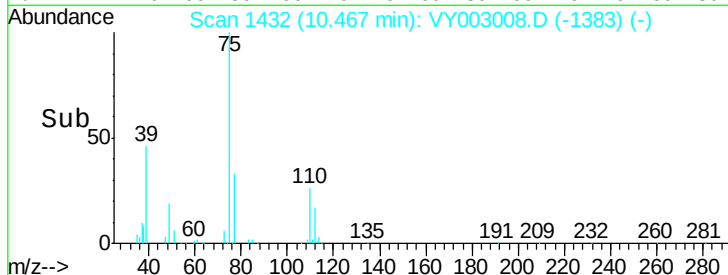
40000

20000

0

10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 22.066 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

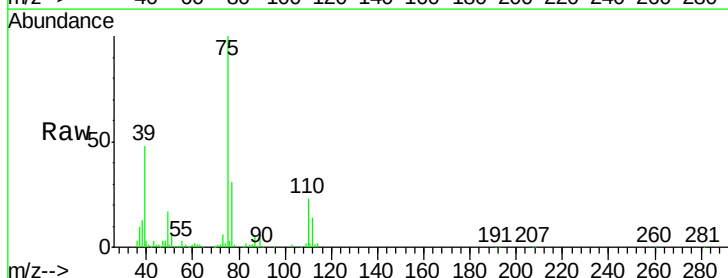
Tgt Ion: 75 Resp: 175658

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 47.8 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

9.93

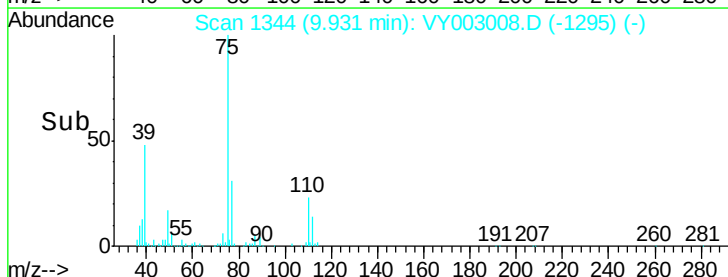
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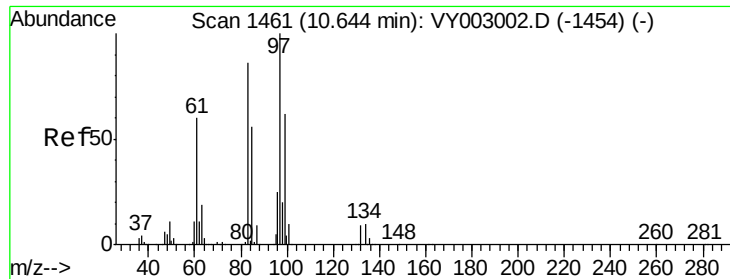
50000

0

9.90 10.00

Time-->





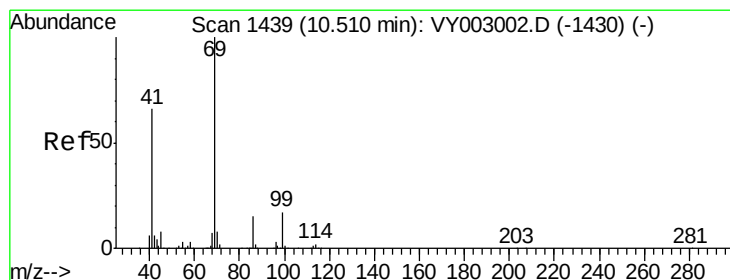
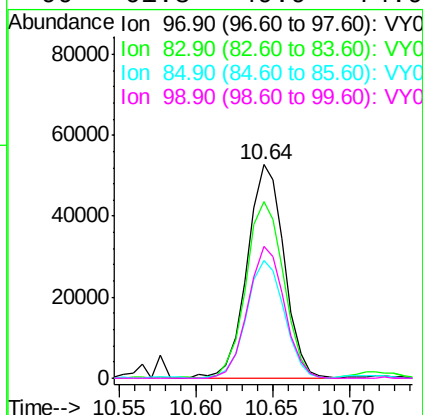
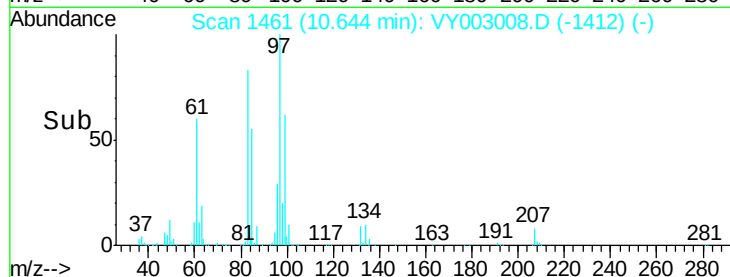
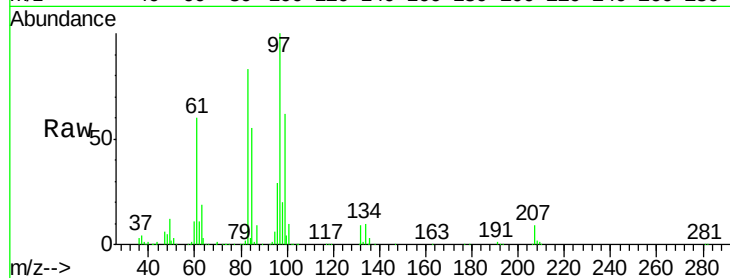
#55
 1,1,2-Trichloroethane
 Concen: 23.557 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion:	97	Resp:	88756
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.0	103.6
85	55.3	44.8	67.2
99	61.8	49.9	74.9

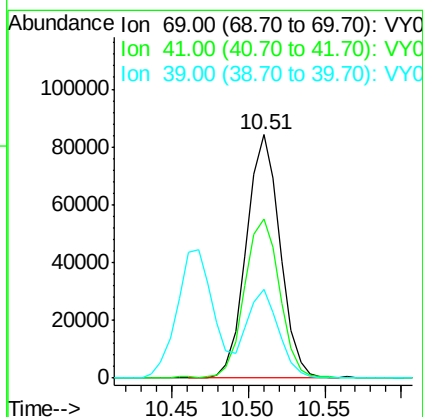
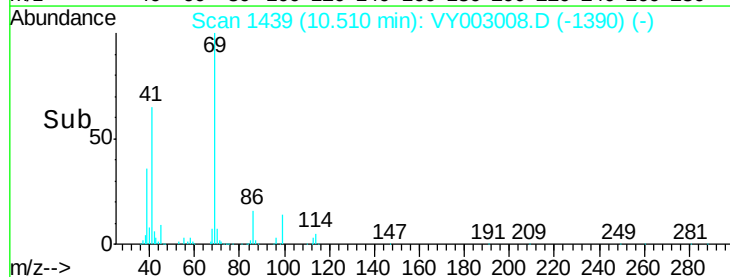
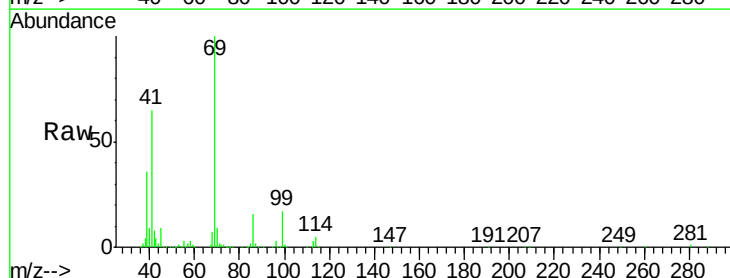
Manual Integrations
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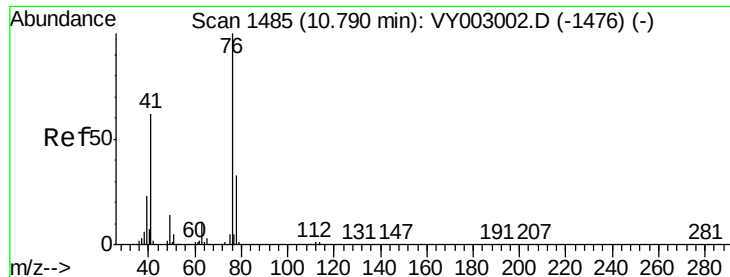
MMDadoda
 6/30/2020 12:54:16 PM



#56
 Ethyl methacrylate
 Concen: 23.660 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion:	69	Resp:	129042
Ion	Ratio	Lower	Upper
69	100		
41	67.9	53.7	80.5
39	33.4	28.3	42.5





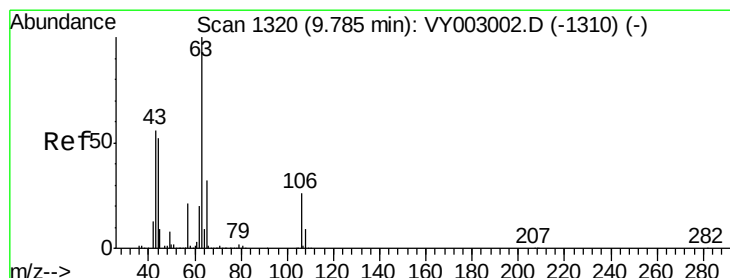
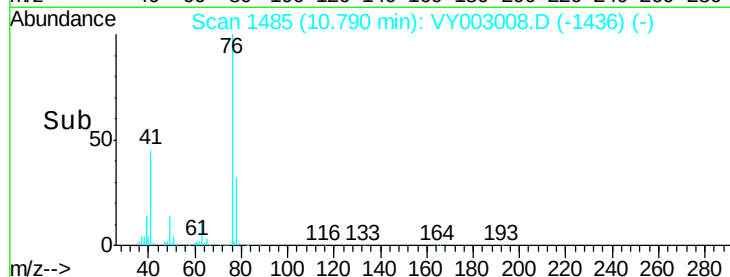
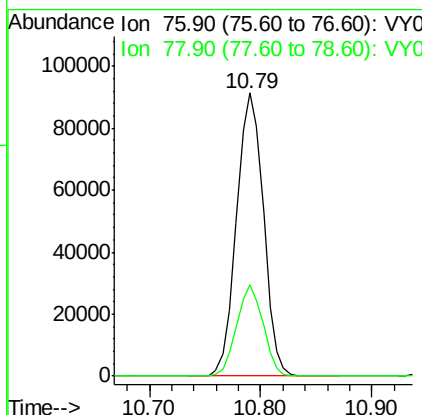
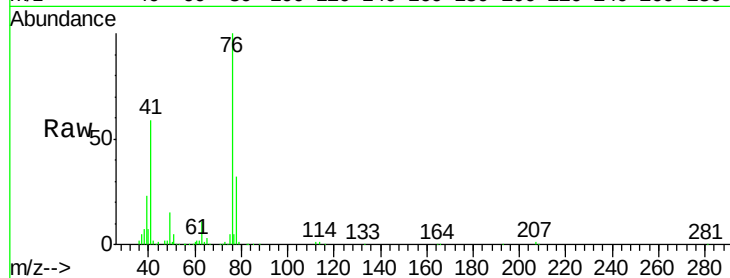
#57
 1,3-Dichloropropane
 Concen: 23.138 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.0	39.0

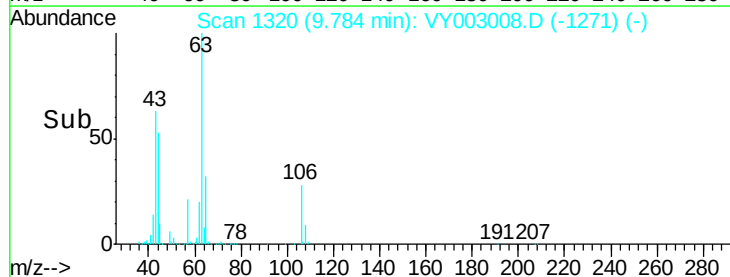
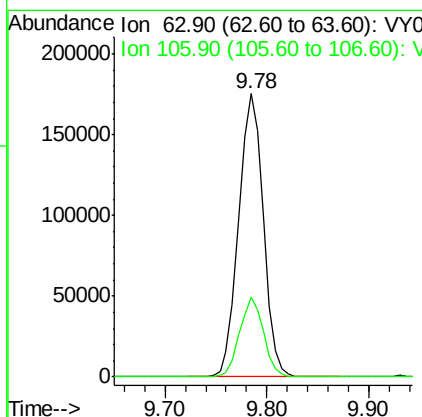
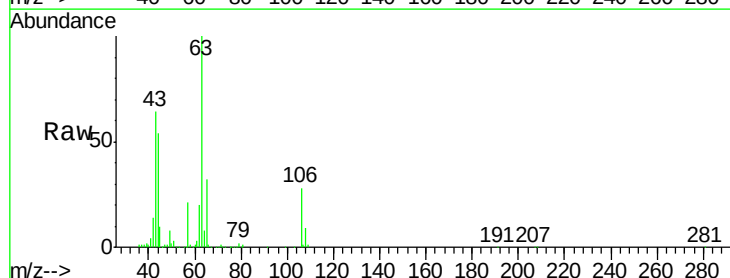
Manual Integrations
 APPROVED

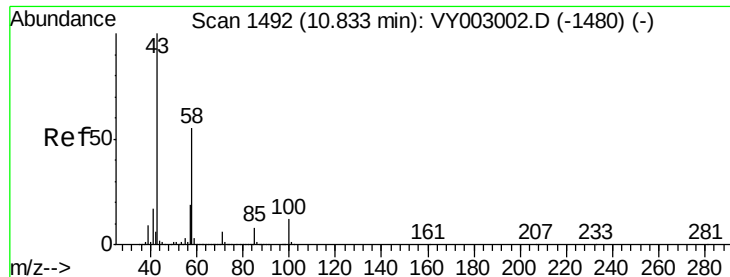
MMDadoda
 6/30/2020 12:54:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.582 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.5	32.3





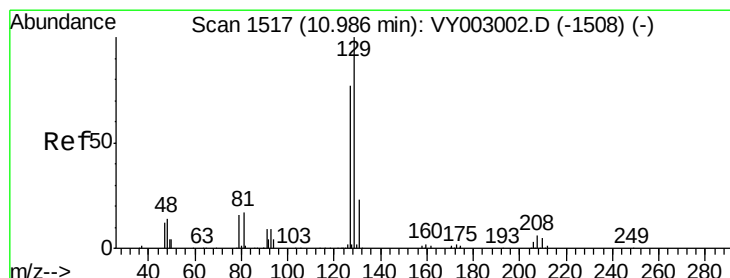
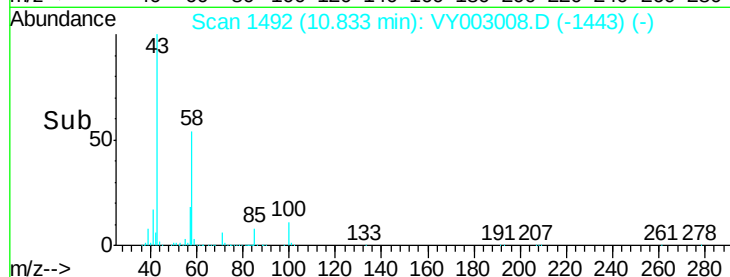
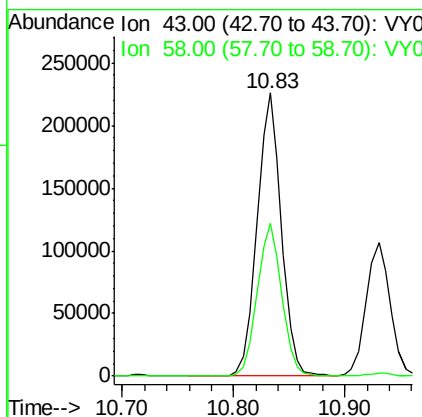
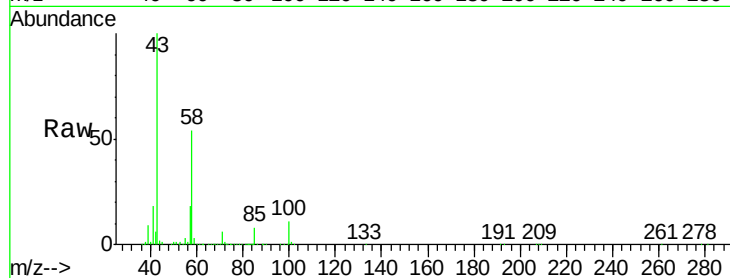
#59
2-Hexanone
Concen: 125.946 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.5	82.4

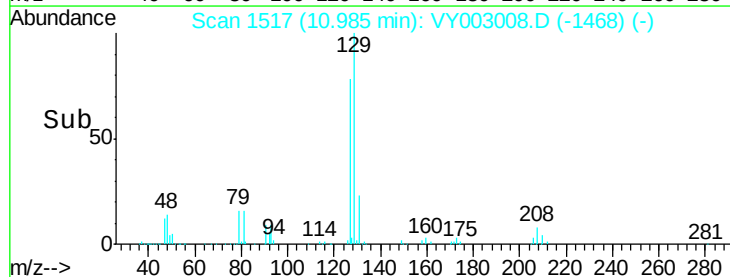
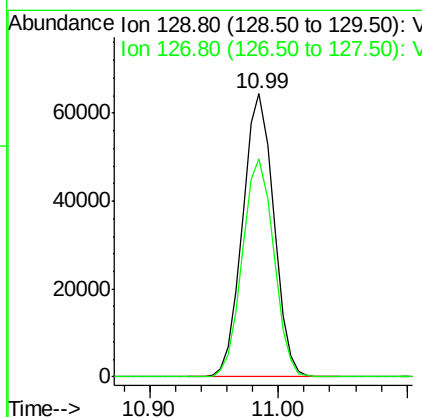
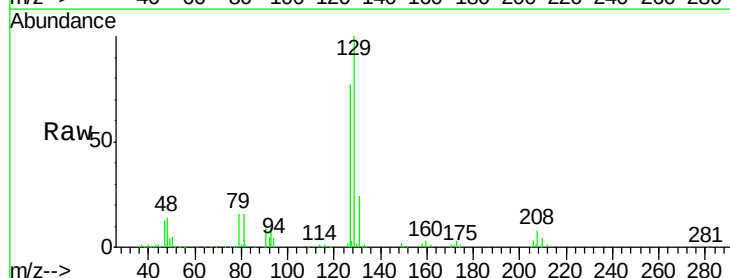
Manual Integrations
APPROVED

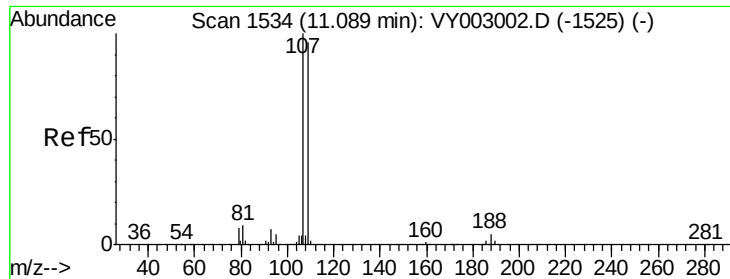
MMDadoda
6/30/2020 12:54:16 PM



#60
Dibromochloromethane
Concen: 22.330 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.3





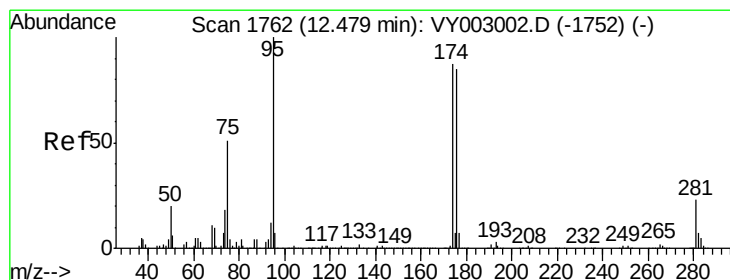
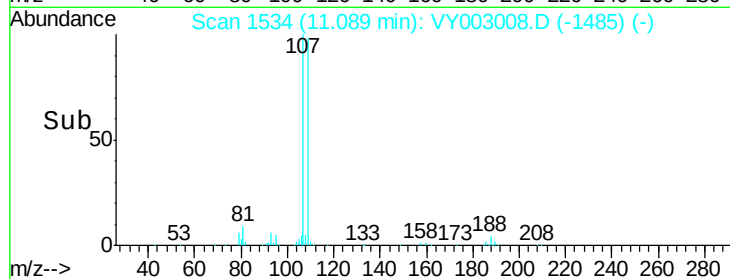
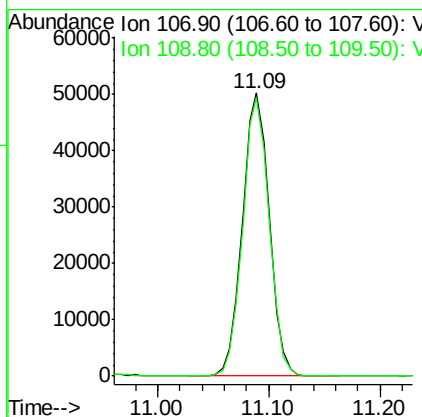
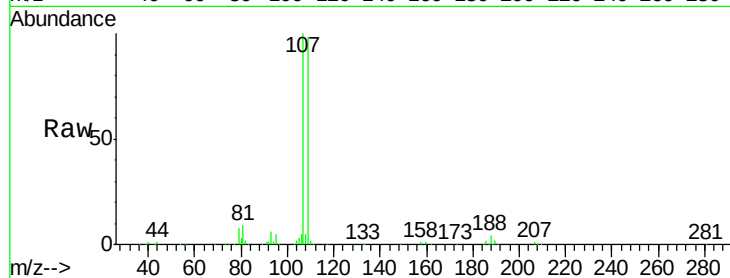
#61
 1,2-Dibromoethane
 Concen: 22.651 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	75.8	113.8

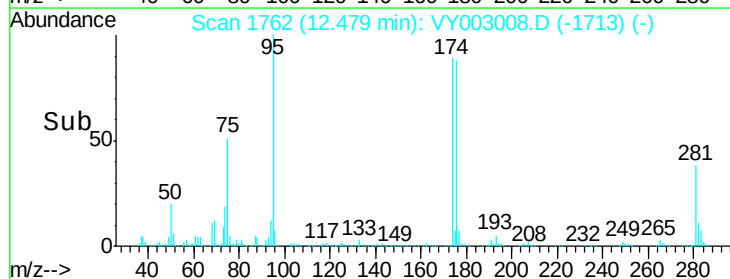
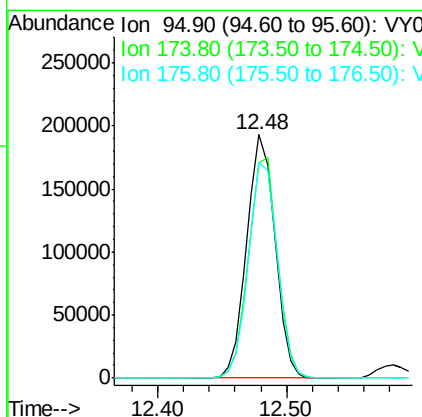
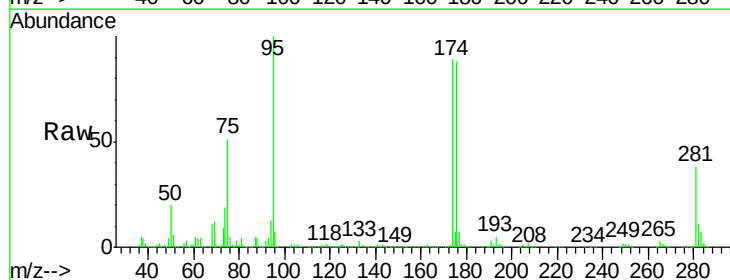
Manual Integrations
 APPROVED

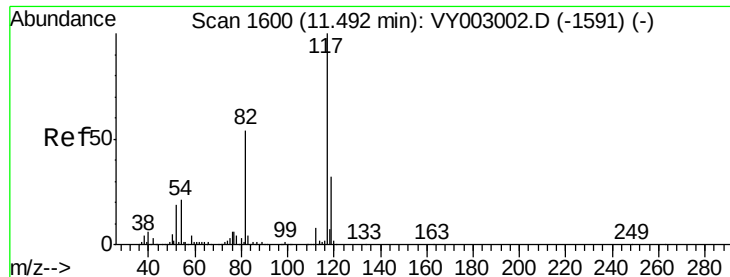
MMDadoda
 6/30/2020 12:54:16 PM



#62
 4-Bromofluorobenzene
 Concen: 52.166 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	184.8
176	90.2	0.0	183.0





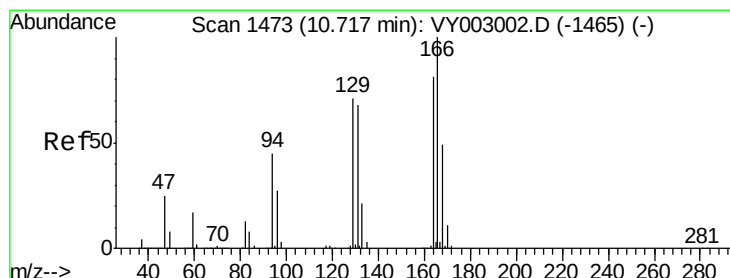
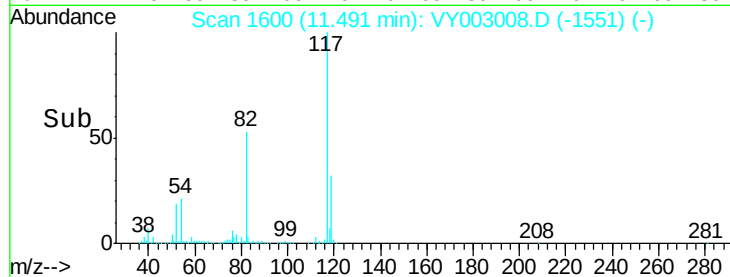
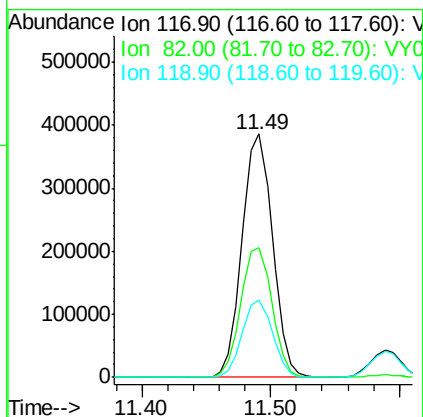
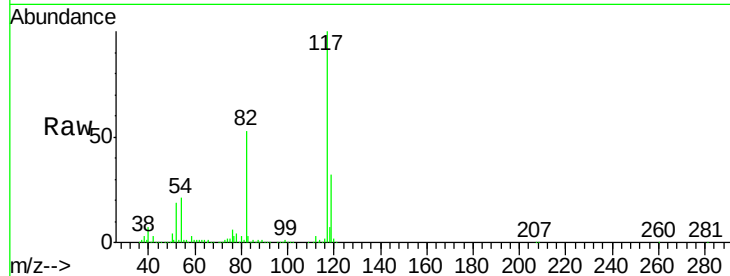
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	633390		
82	53.2		43.0	64.6
119	31.8		25.8	38.8

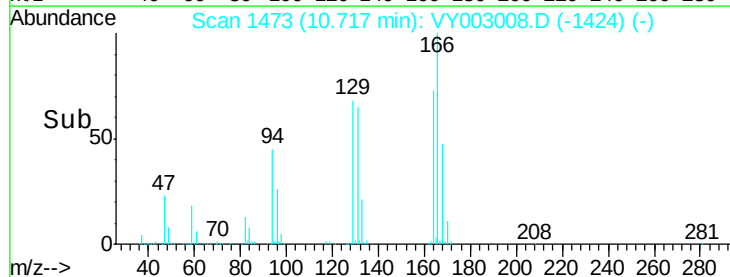
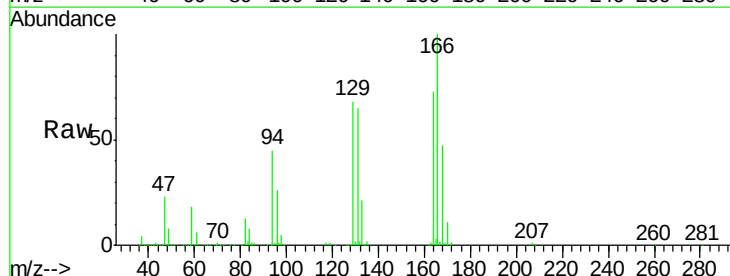
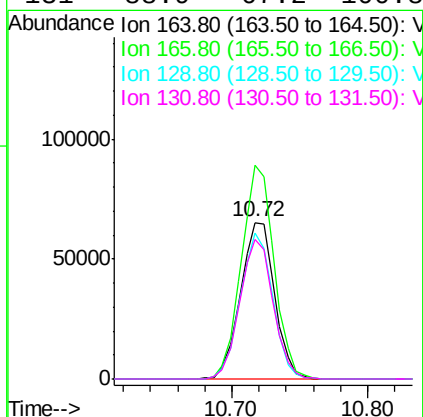
Manual Integrations
APPROVED

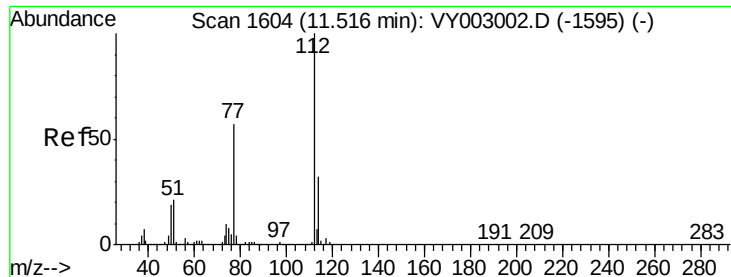
MMDadoda
6/30/2020 12:54:16 PM



#64
Tetrachloroethene
Concen: 21.267 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114003		
166	136.4		98.5	147.7
129	93.2		69.7	104.5
131	88.9		67.2	100.8





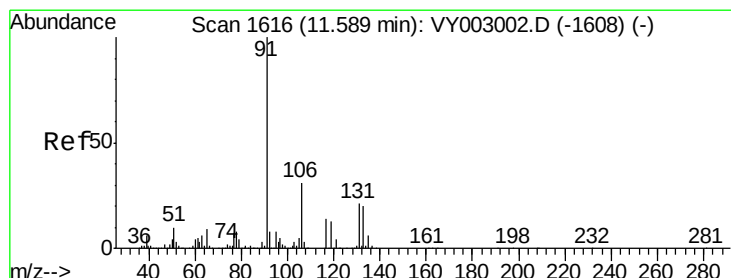
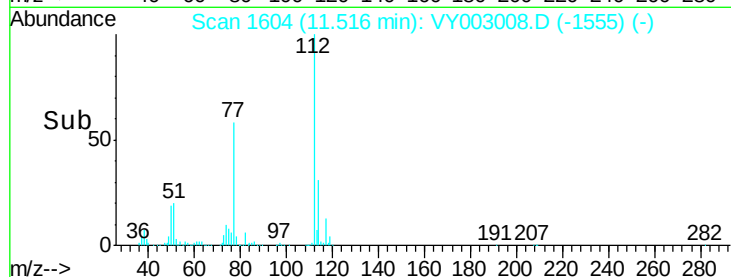
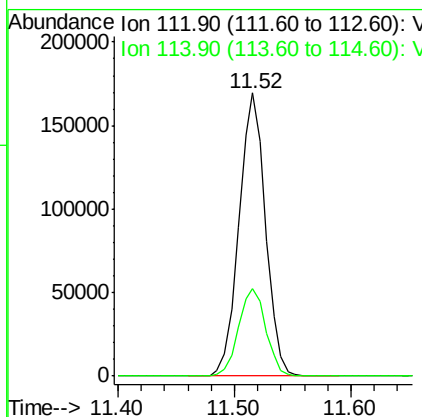
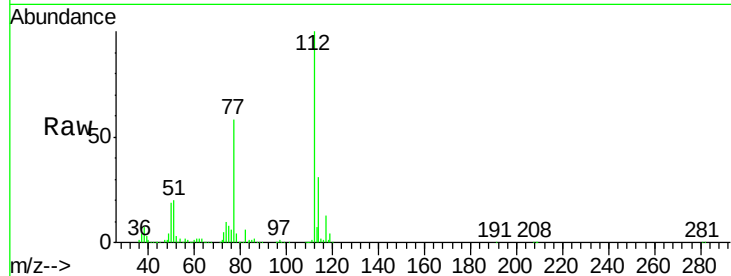
#65
Chlorobenzene
Concen: 21.507 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.7	38.5

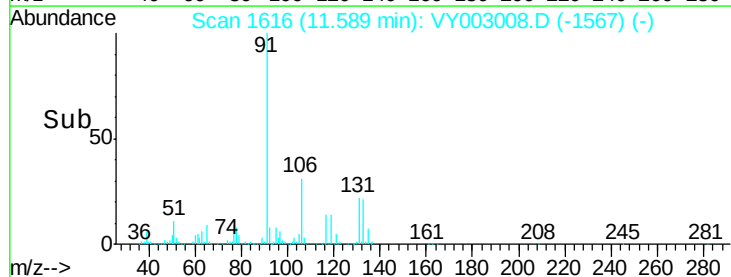
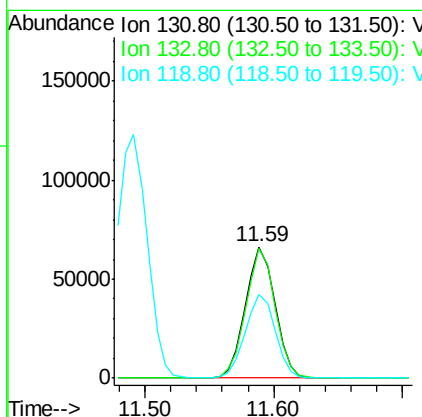
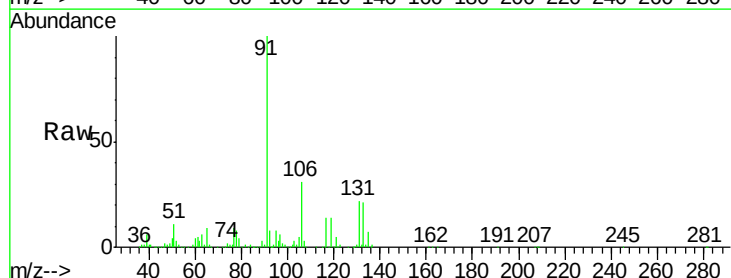
Manual Integrations
APPROVED

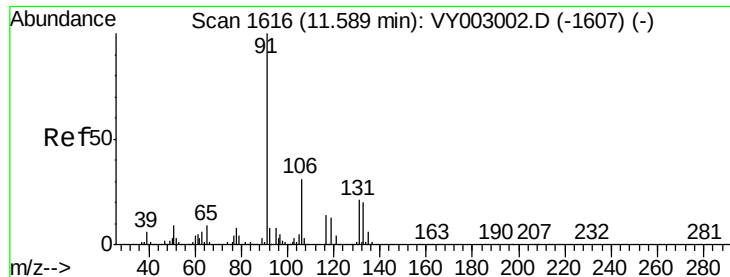
MMDadoda
6/30/2020 12:54:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.600 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.9	143.8
119	64.3	31.8	95.3





#67

Ethyl Benzene

Concen: 21.466 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 91 Resp: 490451

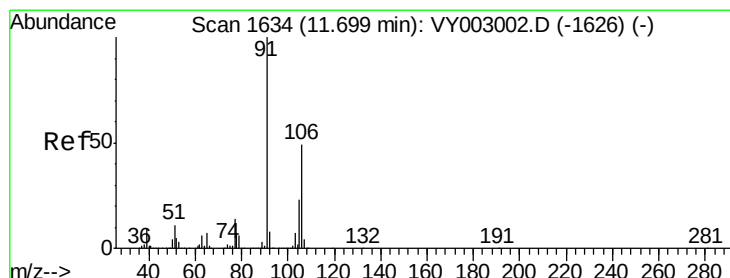
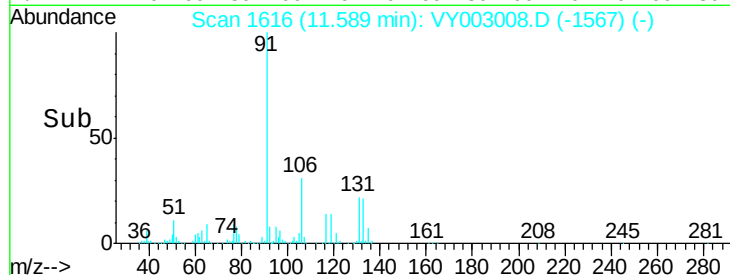
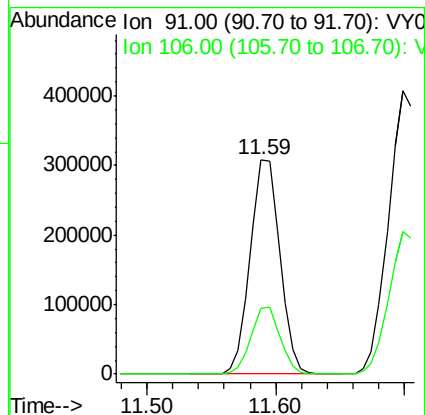
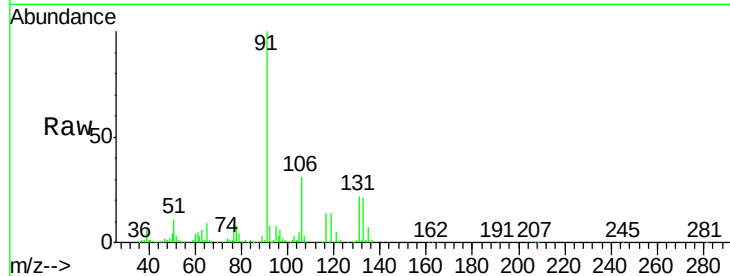
Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4

Manual Integrations
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MMDadoda
6/30/2020 12:54:16 PM



#68

m/p-Xylenes

Concen: 43.762 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003008.D

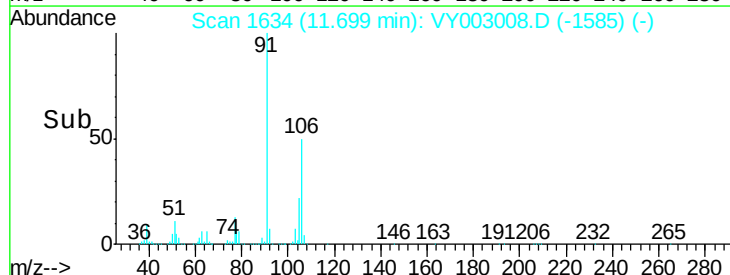
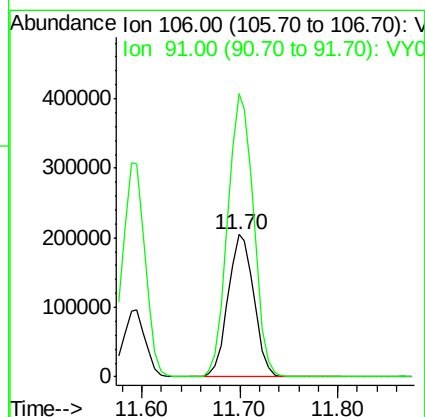
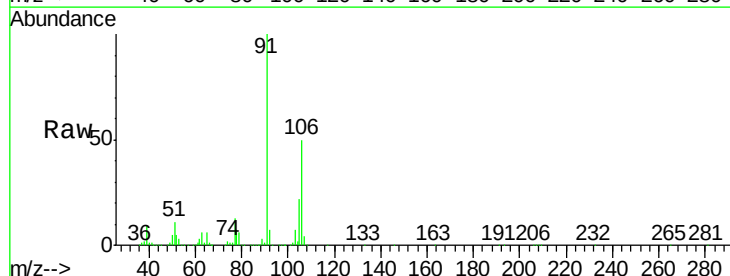
Acq: 29 Jun 2020 15:55

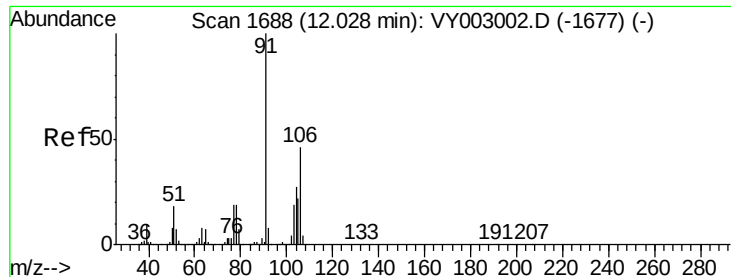
Tgt Ion: 106 Resp: 372136

Ion Ratio Lower Upper

106 100

91 199.9 161.9 242.9





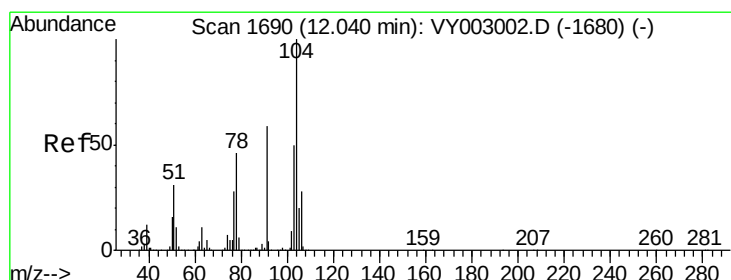
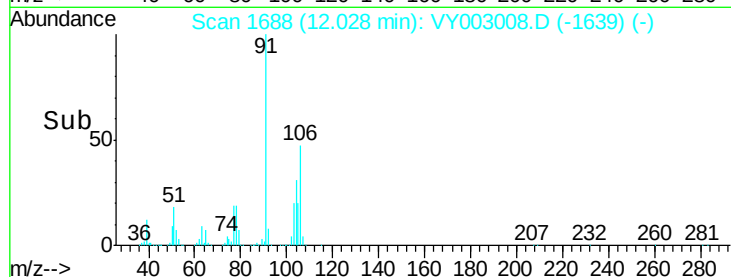
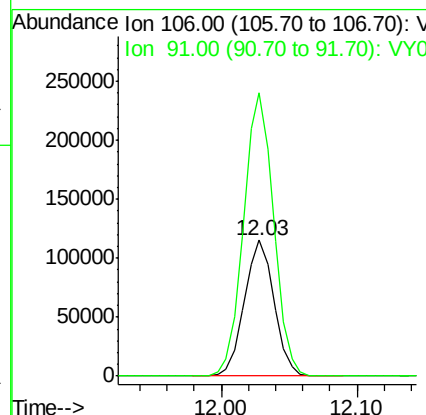
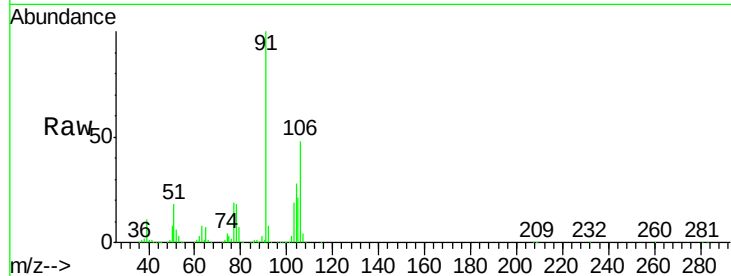
#69
o-Xylene
Concen: 21.920 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	175653		
91	91	210.6	107.9	323.8	

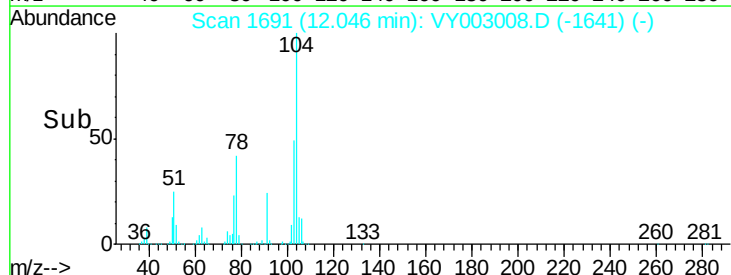
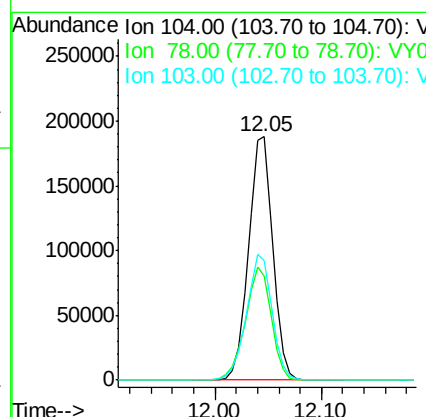
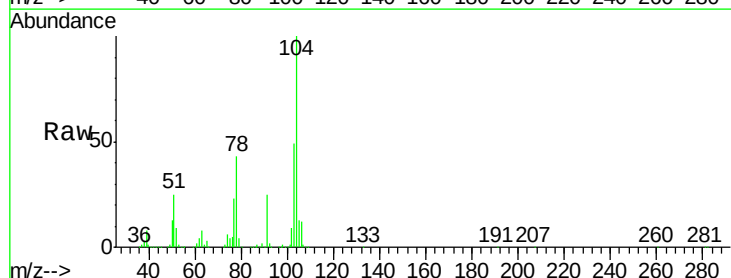
Manual Integrations
APPROVED

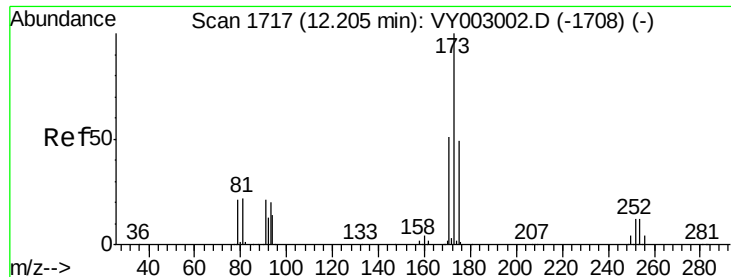
MMDadoda
6/30/2020 12:54:16 PM



#70
Styrene
Concen: 21.940 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	300356		
78	78	49.6	40.4	60.6	
103	103	54.7	44.1	66.1	





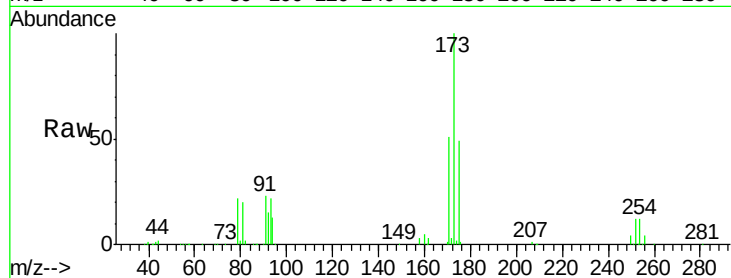
#71
Bromoform
Concen: 23.474 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	46.9	24.6	73.6		
254	0.4	0.2	0.2#		

Manual Integrations
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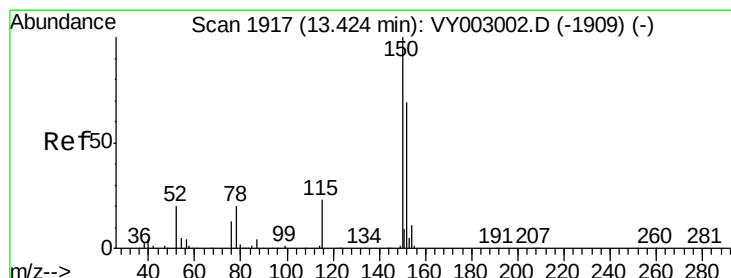
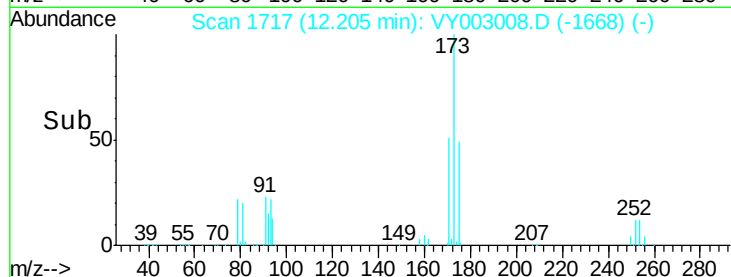
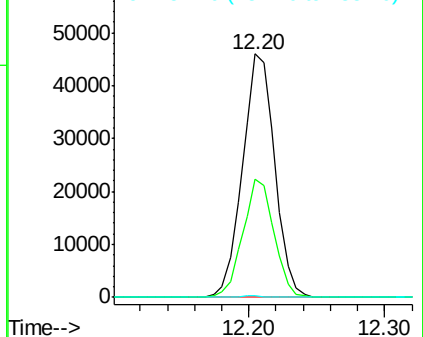


Abundance

Ion 172.70 (172.40 to 173.40): V

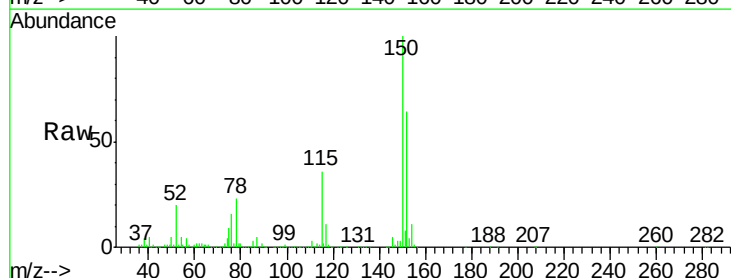
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	56.2	27.3	81.9		
150	163.8	0.0	343.4		

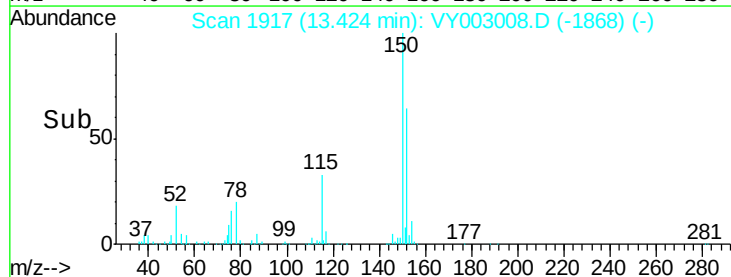
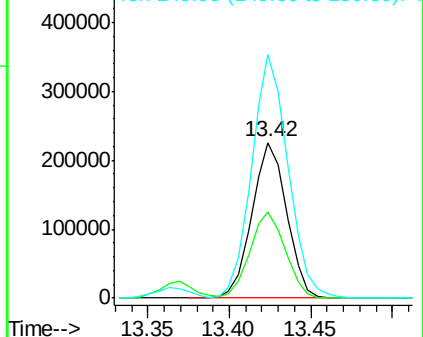


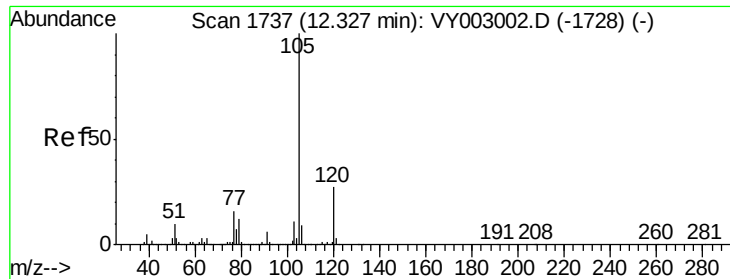
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





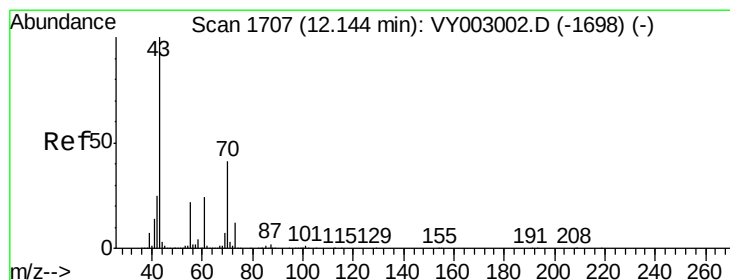
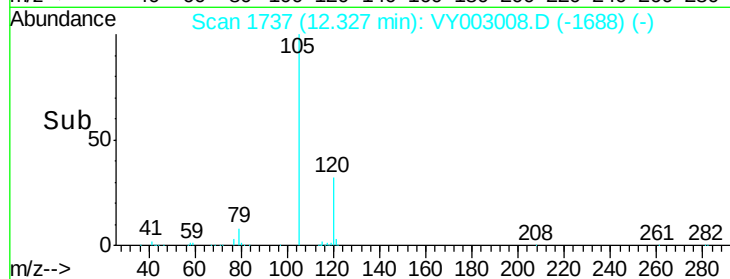
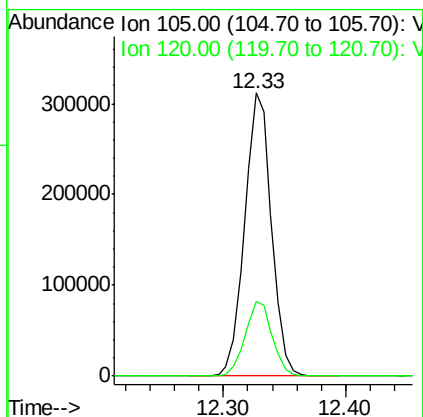
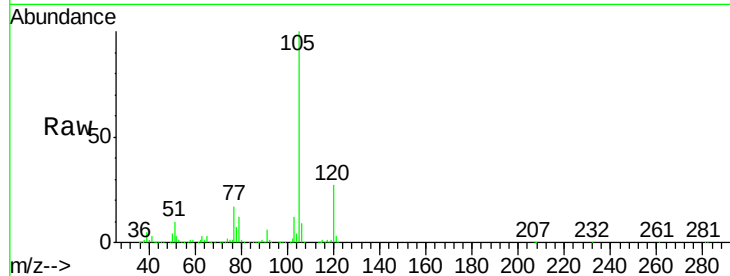
#73
Isopropylbenzene
Concen: 21.505 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.1

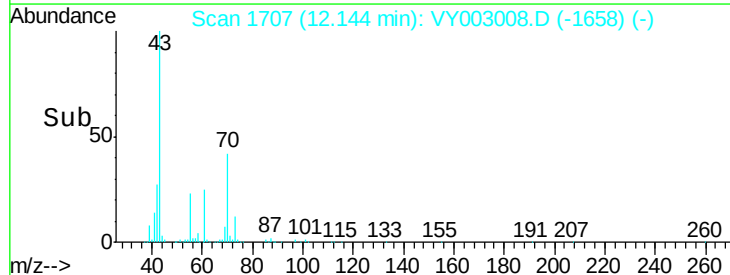
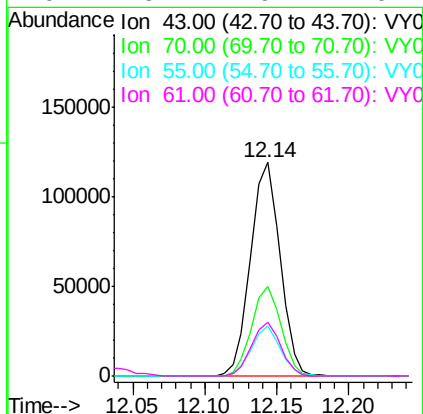
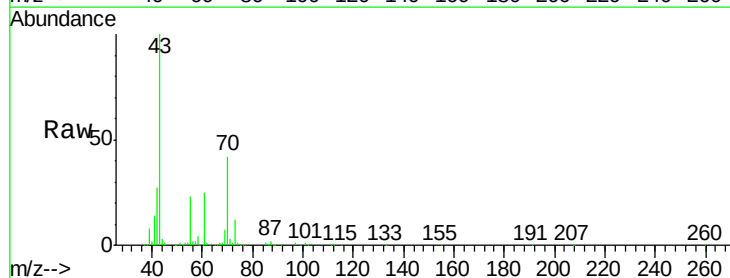
Manual Integrations
APPROVED

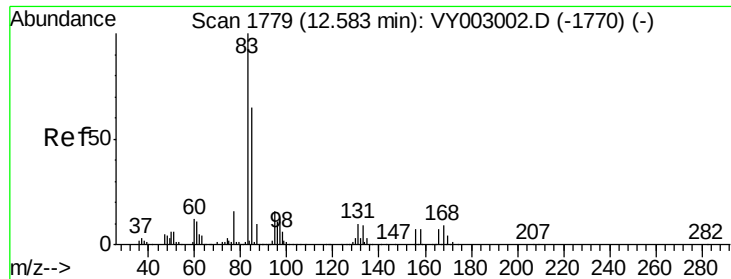
MMDadoda
6/30/2020 12:54:16 PM



#74
N-ethyl acetate
Concen: 23.696 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.8	33.0	49.4
55	23.1	18.2	27.2
61	25.1	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 23.204 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 83 Resp: 102572

Ion Ratio Lower Upper

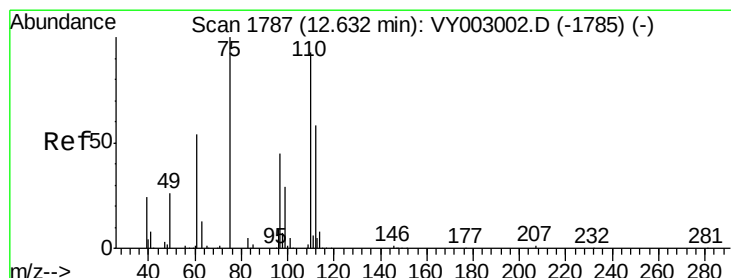
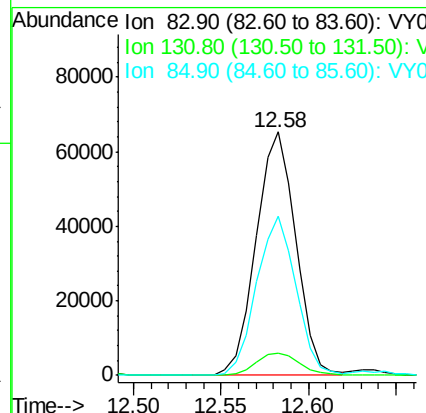
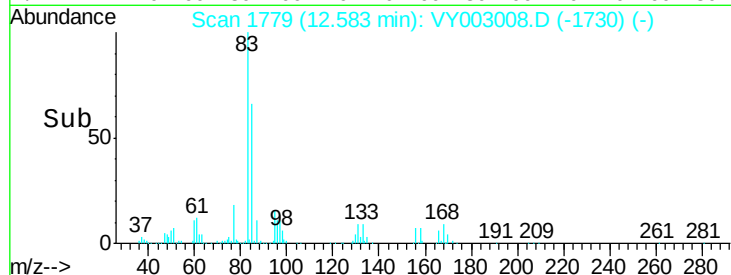
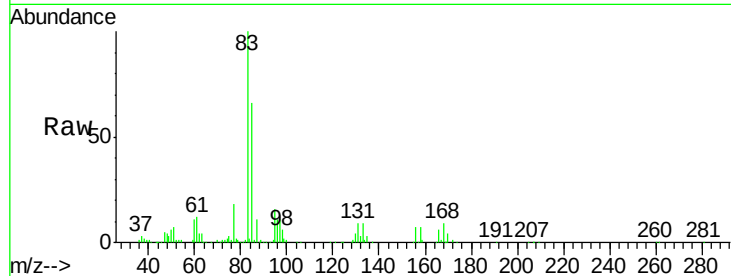
83 100

131 10.2 5.3 16.1

85 65.2 32.1 96.3

Manual Integrations
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6/30/2020 12:54:16 PM



#76

1,2,3-Trichloropropane

Concen: 23.608 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003008.D

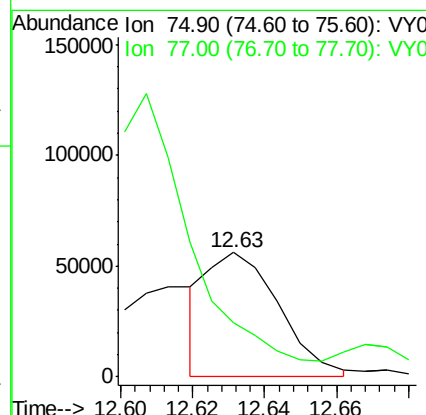
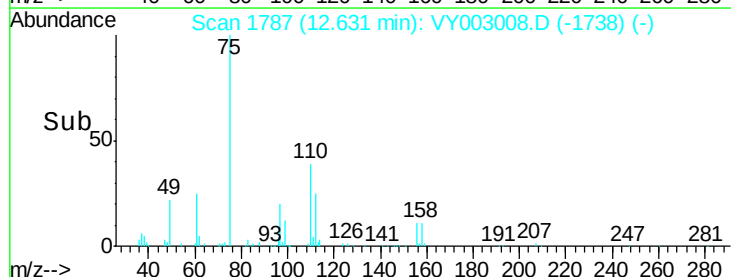
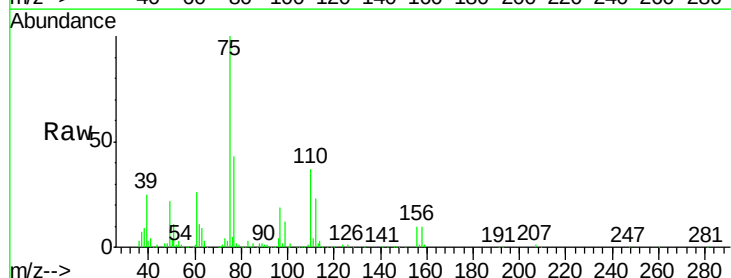
Acq: 29 Jun 2020 15:55

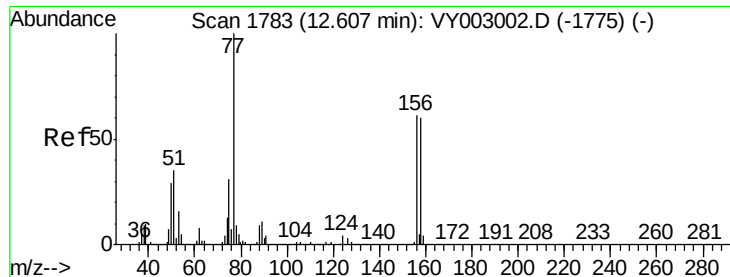
Tgt Ion: 75 Resp: 78201

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.416 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

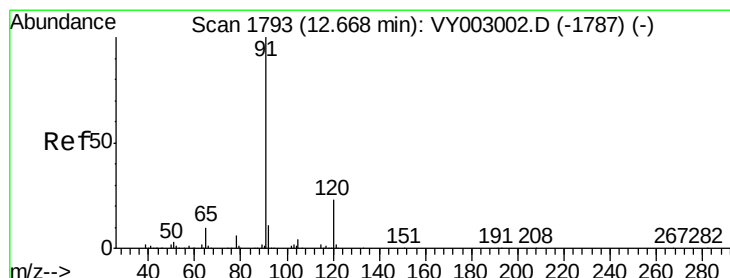
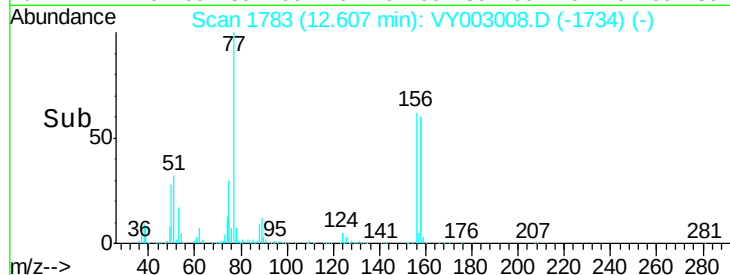
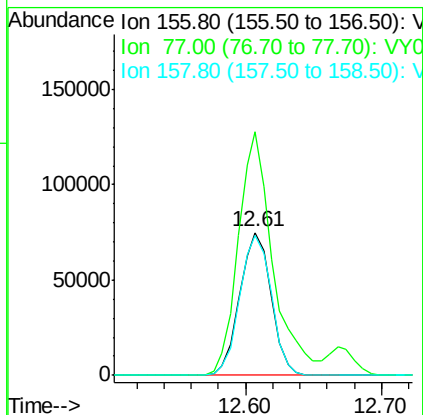
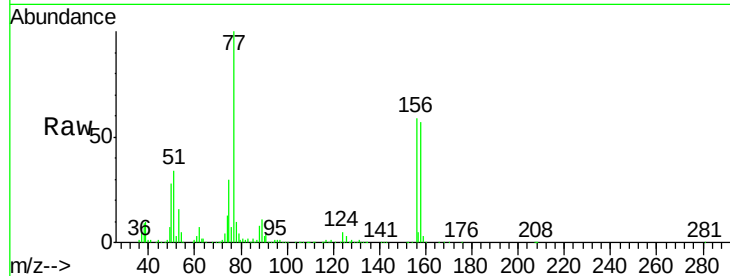
ClientSampleId :

VY0629SBS01

Tot Ion:	156	Resp:	120281
Ion Ratio	Lower	Upper	
156	100		
77	189.3	90.0	270.0
158	99.3	48.5	145.5

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#78

n-propylbenzene

Concen: 21.624 ug/l

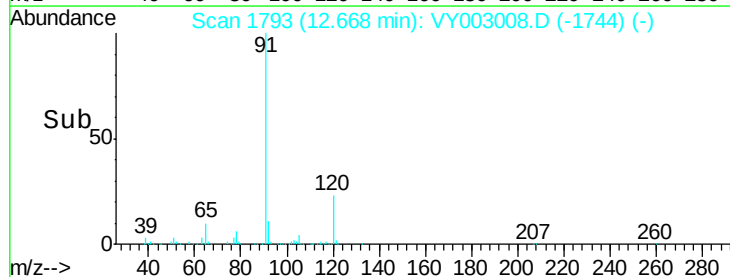
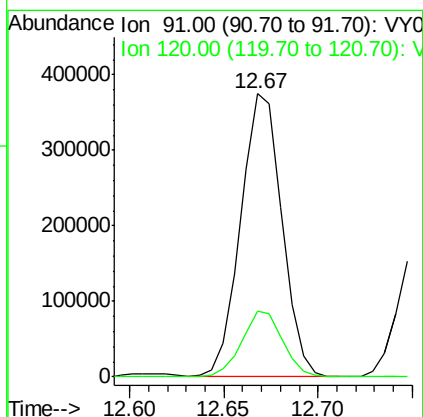
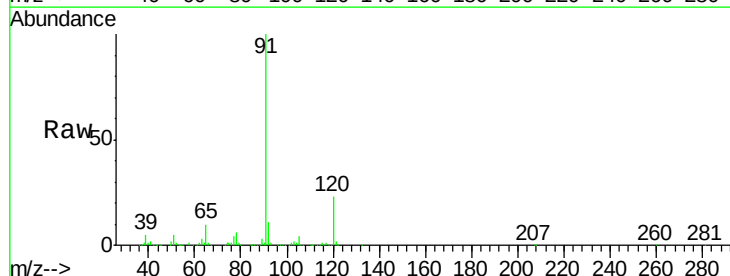
RT: 12.67 min Scan# 1793

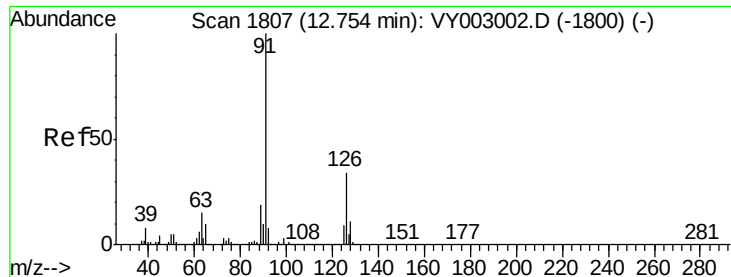
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	91	Resp:	569665
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.5





#79

2-Chlorotoluene

Concen: 21.746 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 91 Resp: 319758

Ion Ratio Lower Upper

91 100

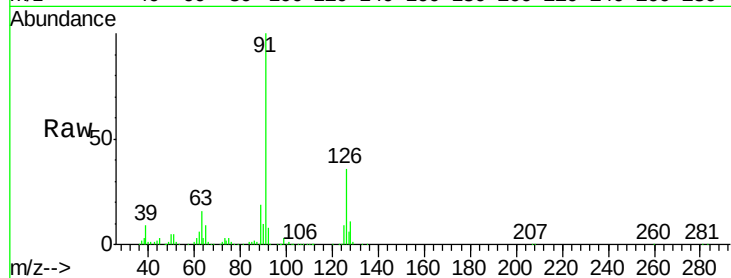
126 34.8 17.1 51.3

Manual Integrations

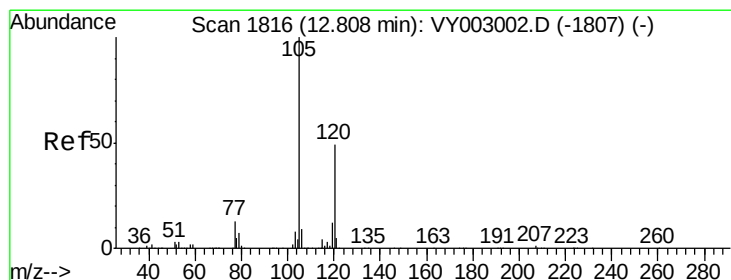
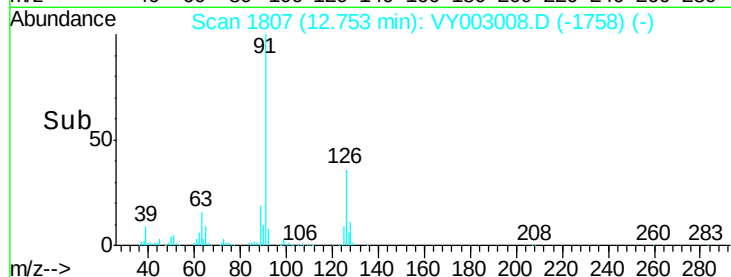
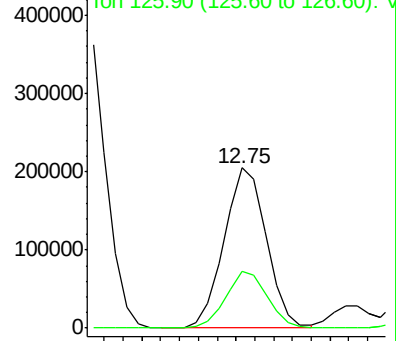
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Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.906 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003008.D

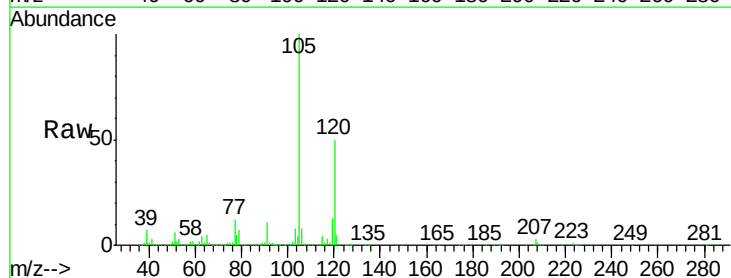
Acq: 29 Jun 2020 15:55

Tgt Ion: 105 Resp: 402654

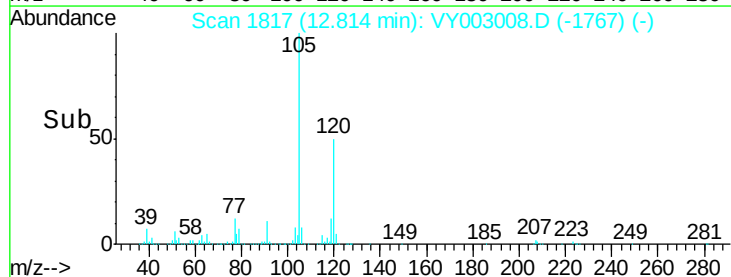
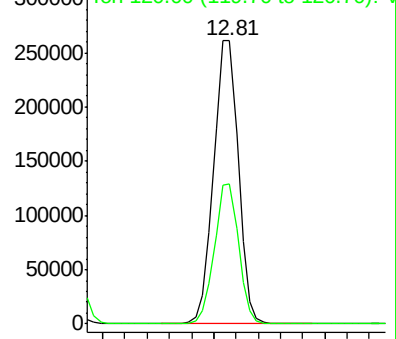
Ion Ratio Lower Upper

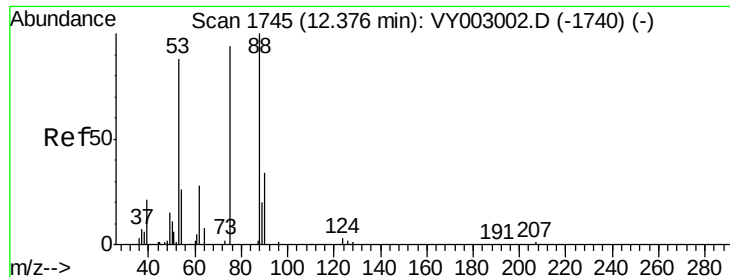
105 100

120 48.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.956 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

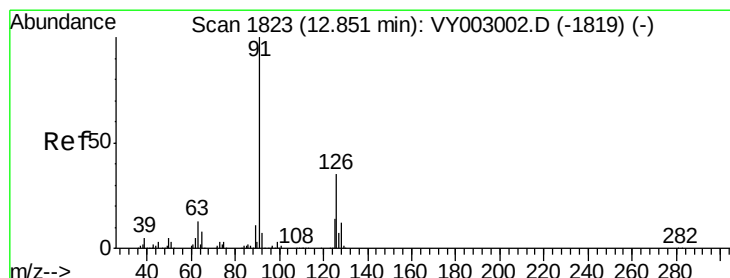
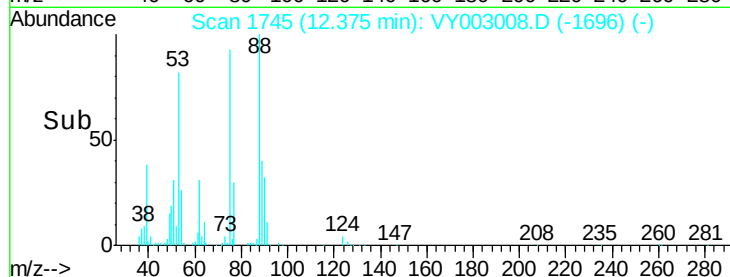
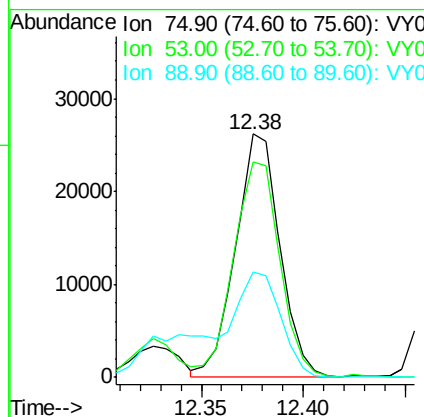
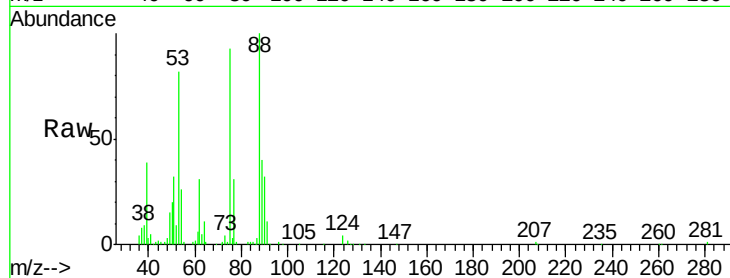
ClientSampleId :

VY0629SBS01

Tot Ion:	75	Resp:	39084
Ion	Ratio	Lower	Upper
75	100		
53	92.8	73.9	110.9
89	45.0	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.684 ug/l

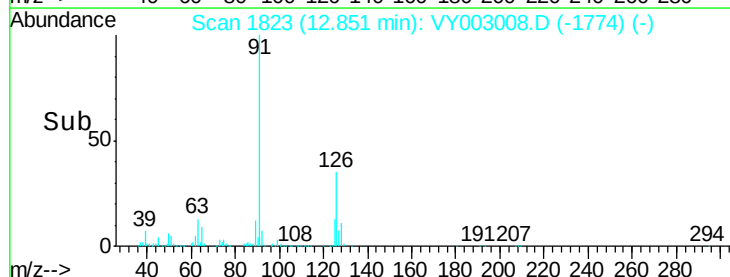
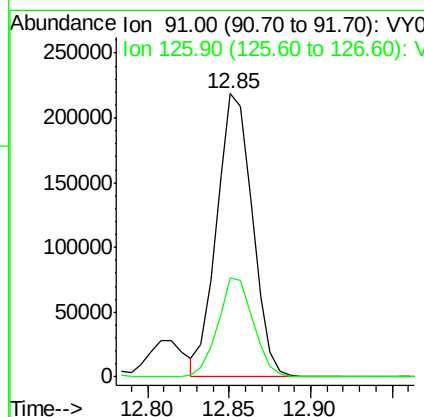
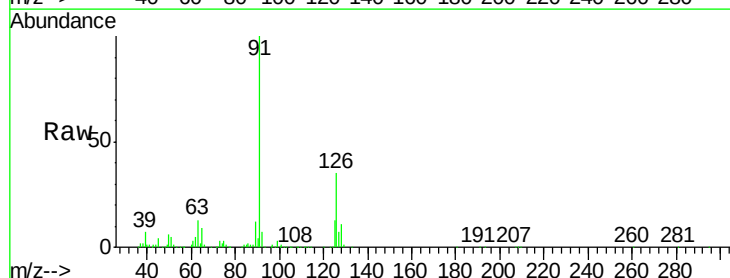
RT: 12.85 min Scan# 1823

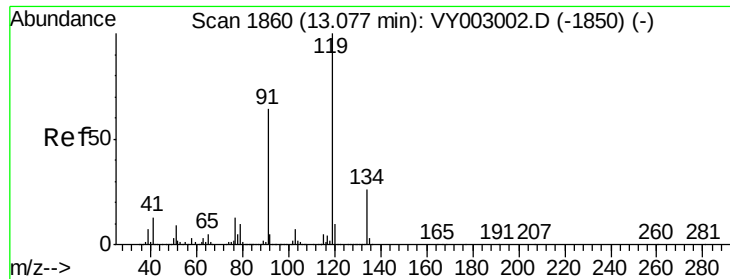
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	91	Resp:	331978
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





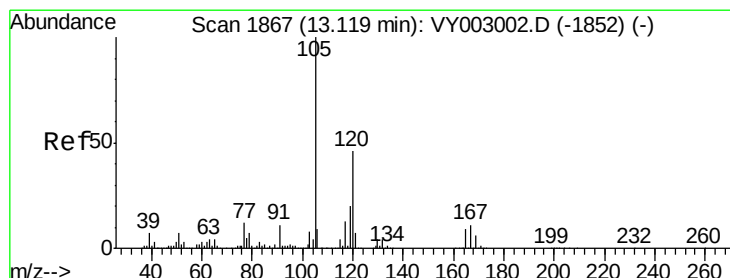
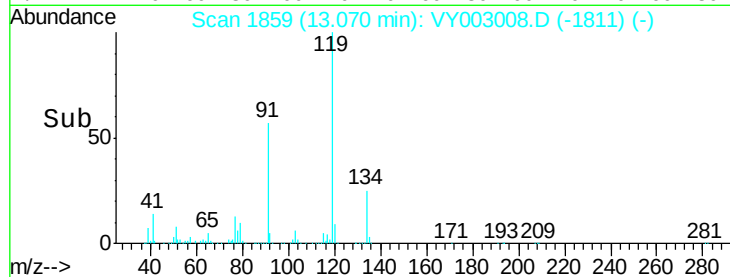
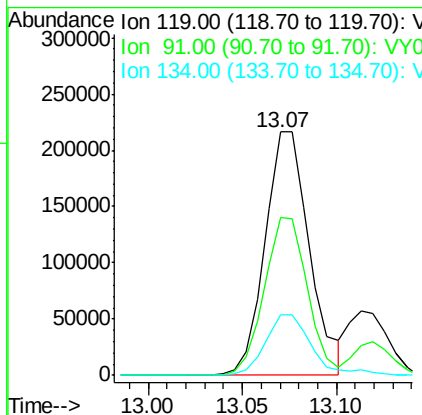
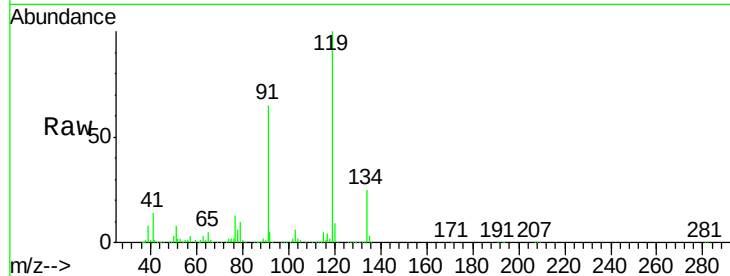
#83
 tert-Butylbenzene
 Concen: 21.932 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.6	95.0
134	26.0	13.2	39.5

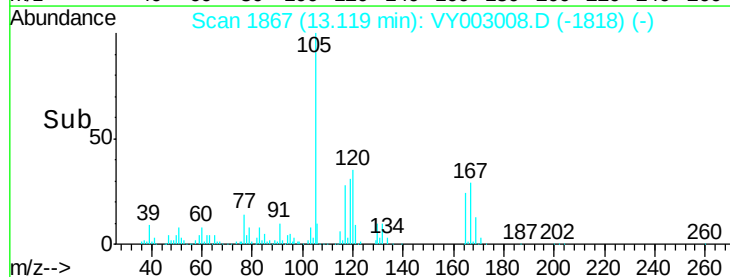
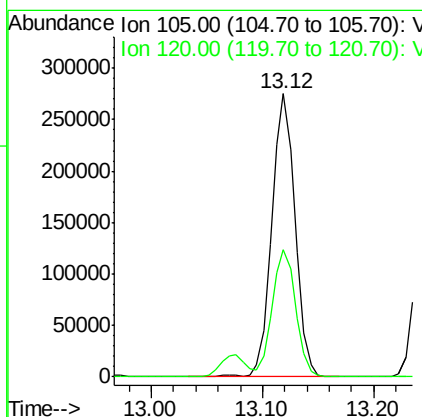
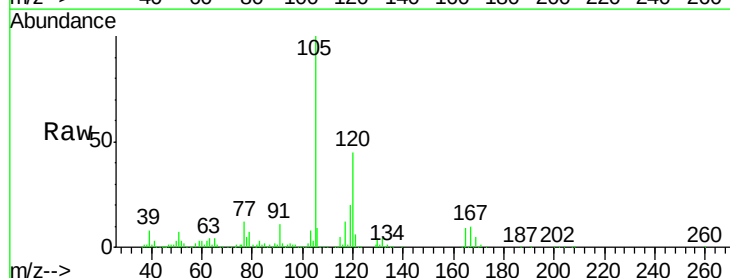
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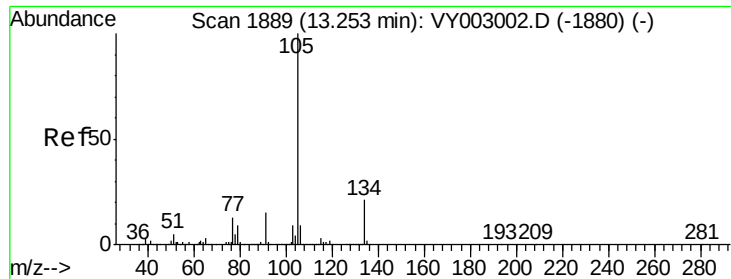
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.601 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.795 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion:105 Resp: 484880

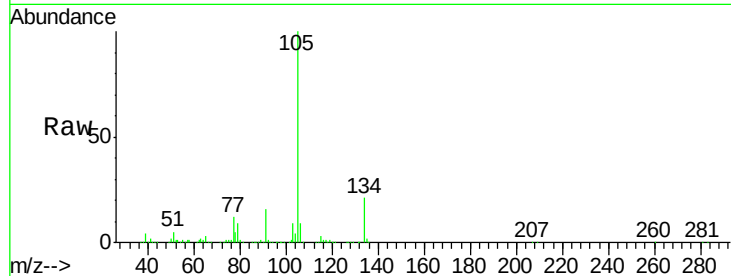
Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.2

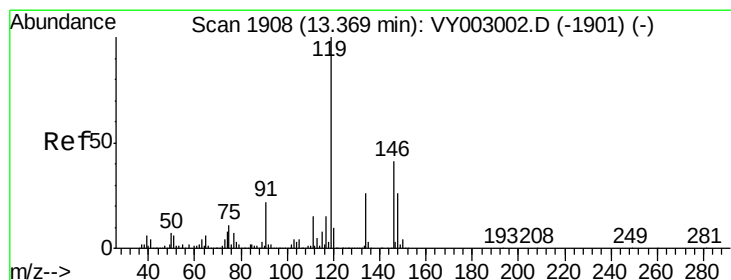
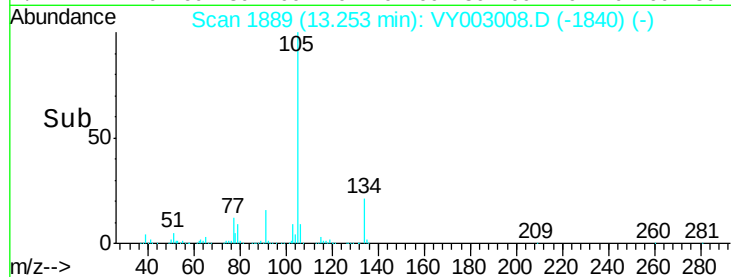
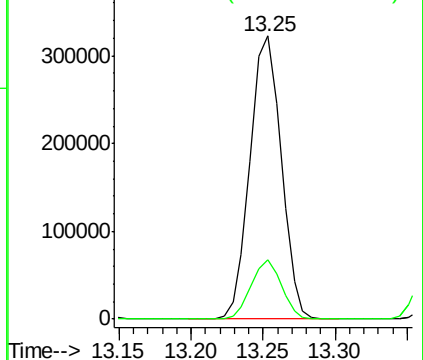
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.581 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

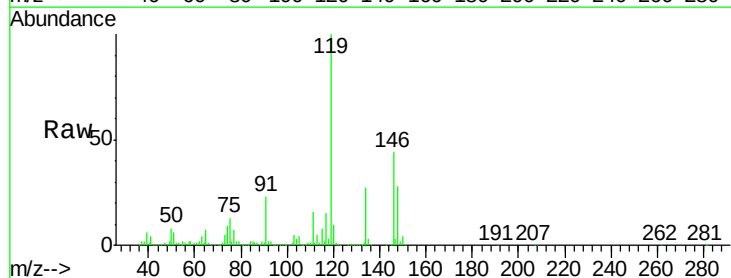
Tgt Ion:119 Resp: 444876

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

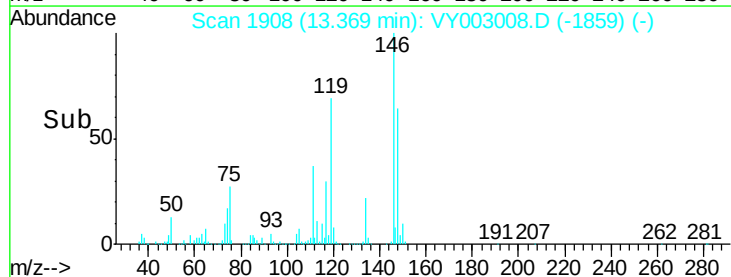
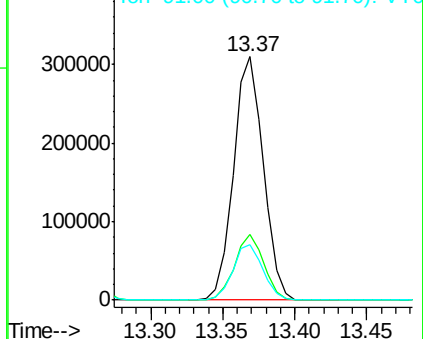
91 22.9 11.5 34.5

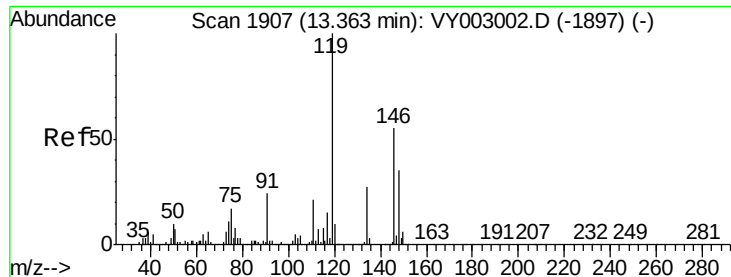


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





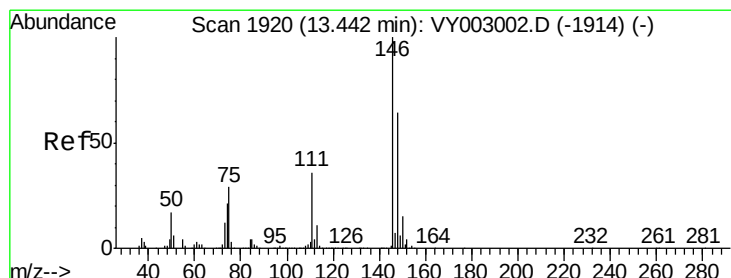
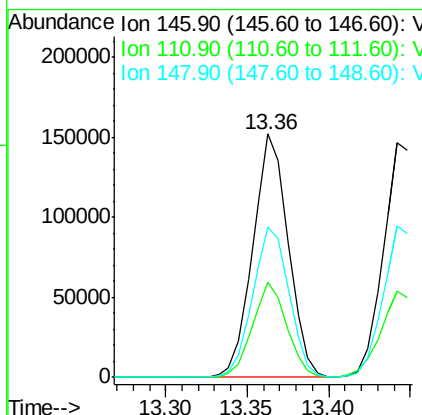
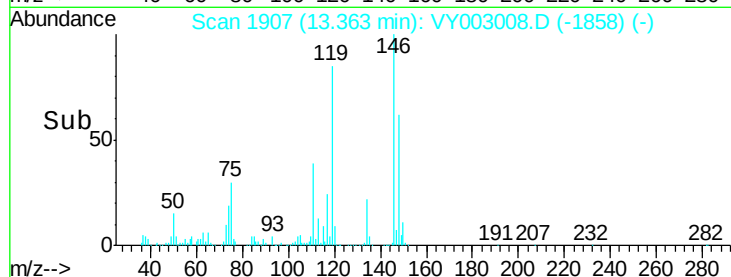
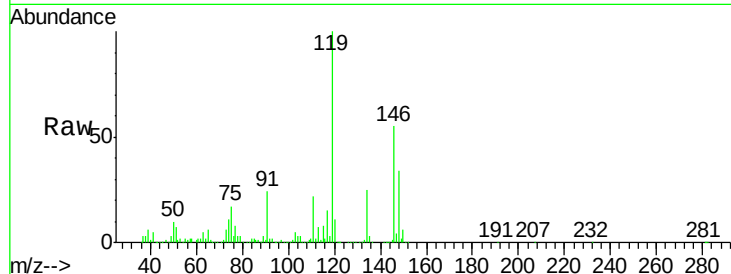
#87
 1,3-Dichlorobenzene
 Concen: 21.910 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	63.3	31.8	95.3

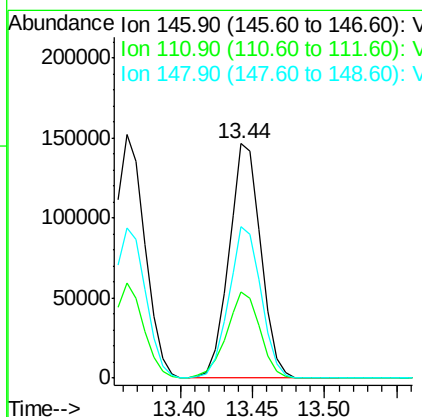
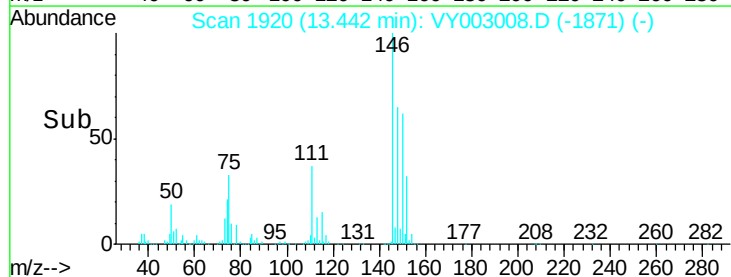
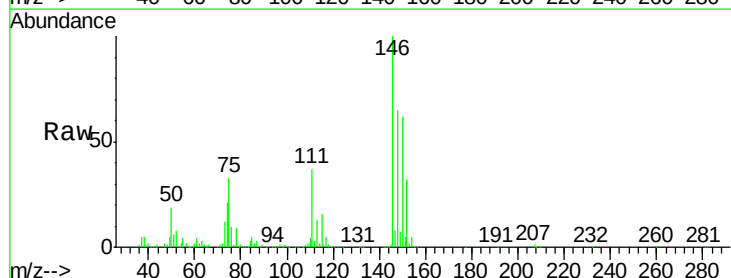
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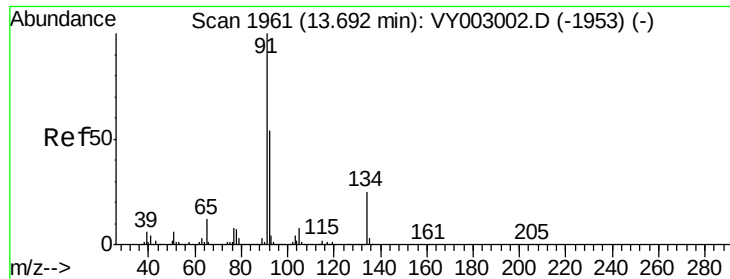
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#88
 1,4-Dichlorobenzene
 Concen: 21.809 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.4
148	65.3	32.3	96.9





#89

n-Butylbenzene

Concen: 21.863 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

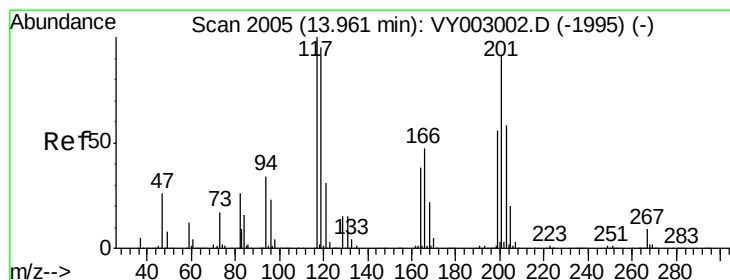
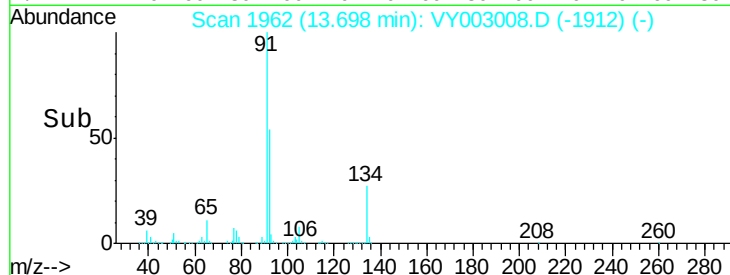
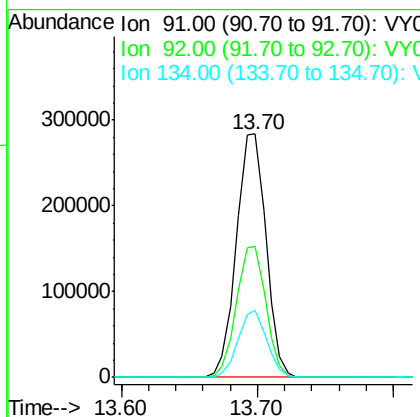
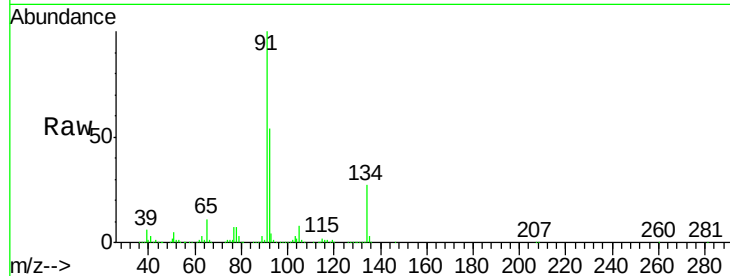
ClientSampleId :

VY0629SBS01

Tot Ion:	91	Resp:	431217
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	26.6	13.1	39.1

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#90

Hexachloroethane

Concen: 21.710 ug/l

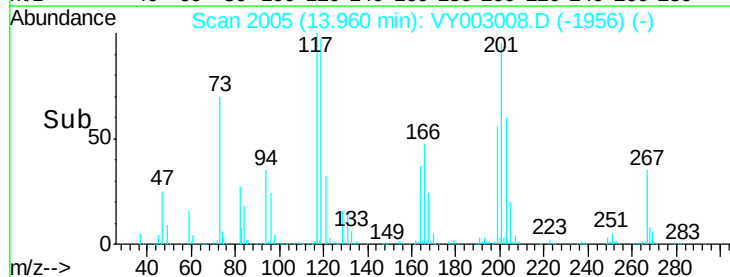
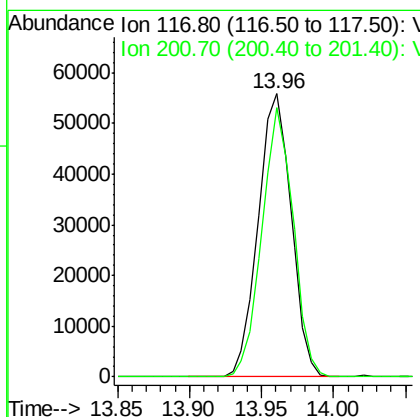
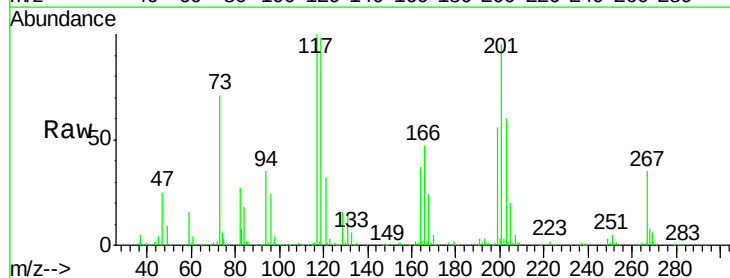
RT: 13.96 min Scan# 2005

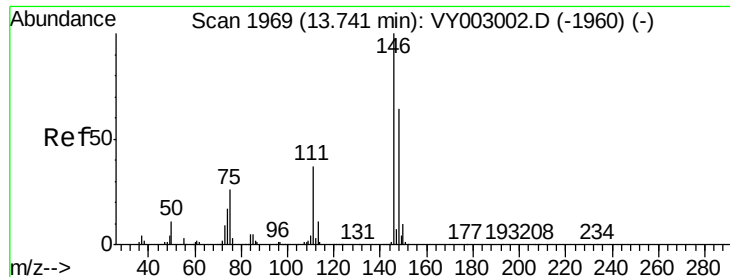
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	117	Resp:	88868
Ion	Ratio	Lower	Upper
117	100		
201	90.1	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 21.932 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Instrument :

MSVOA_Y

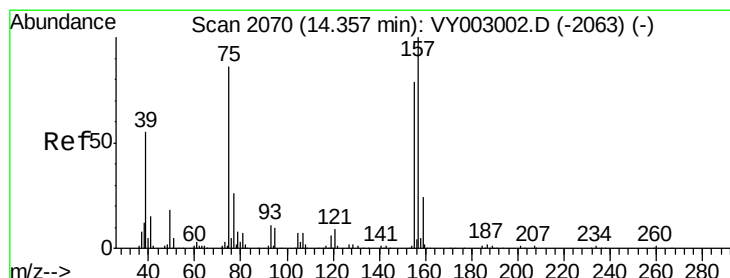
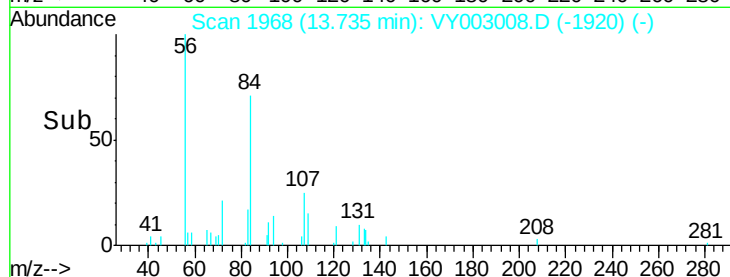
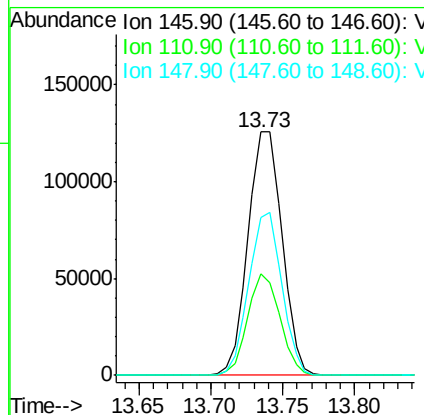
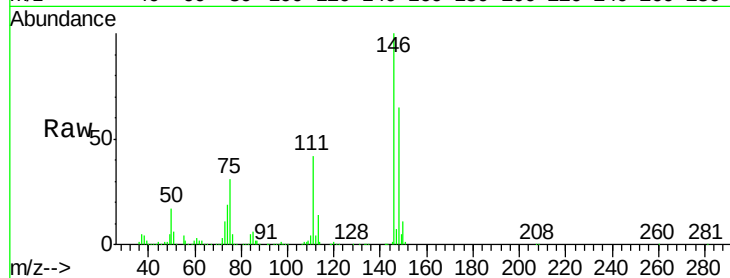
ClientSampleId :

VY0629SBS01

Tot Ion:	146	Resp:	206335
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.1	57.5
148	65.0	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 25.781 ug/l

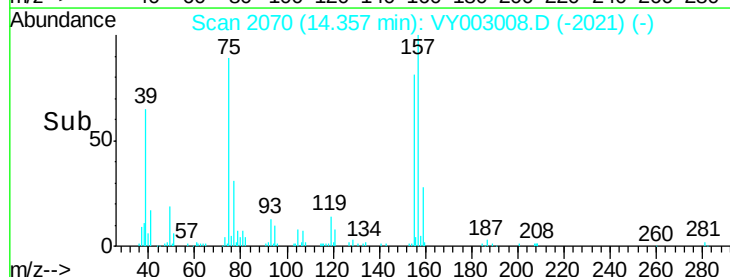
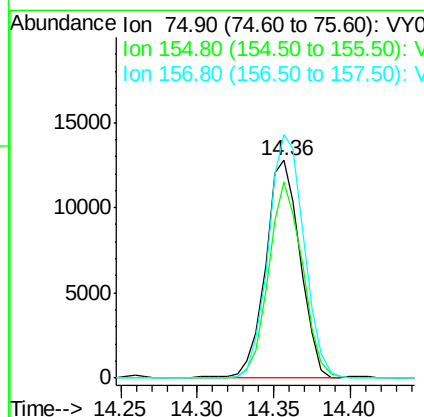
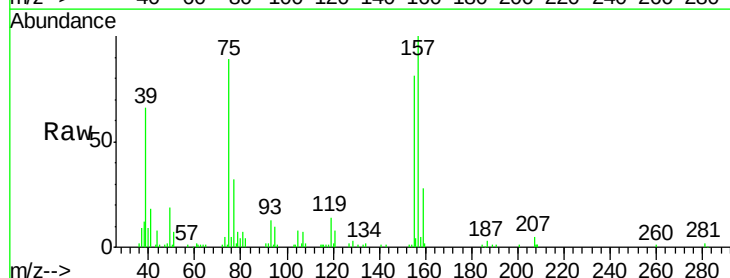
RT: 14.36 min Scan# 2070

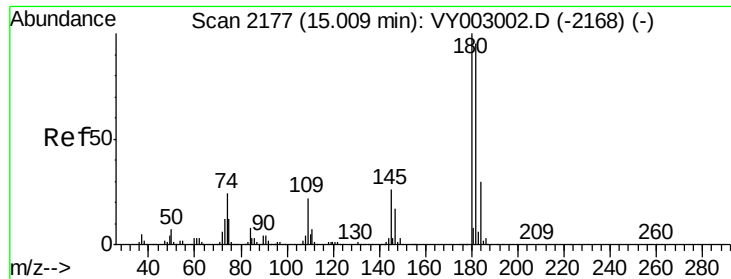
Delta R.T. -0.00 min

Lab File: VY003008.D

Acq: 29 Jun 2020 15:55

Tgt Ion:	75	Resp:	20174
Ion Ratio	Lower	Upper	
75	100		
155	88.1	46.5	139.3
157	114.5	59.2	177.5





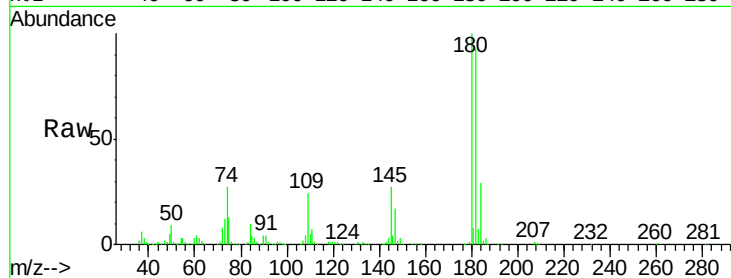
#93
 1,2,4-Trichlorobenzene
 Concen: 22.873 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

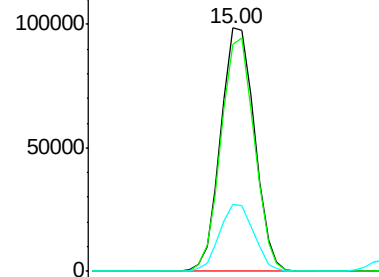
Tot Ion	Ratio	Resp	Lower	Upper
180	100	159893		
182	94.5	48.1	144.3	
145	28.1	13.9	41.6	

Manual Integrations
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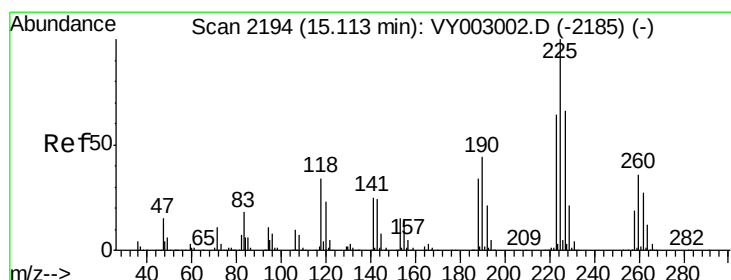
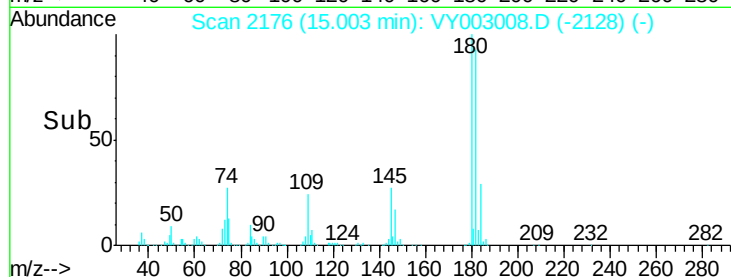
MMDadoda
 6/30/2020 12:54:16 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

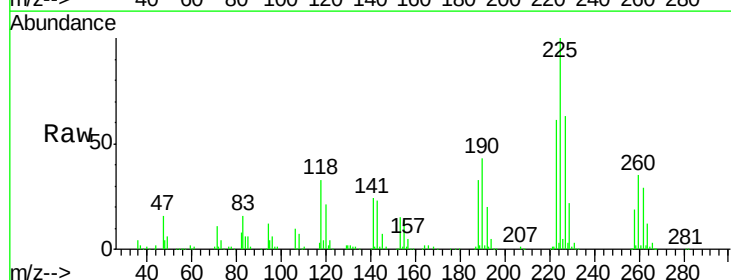


Time-->

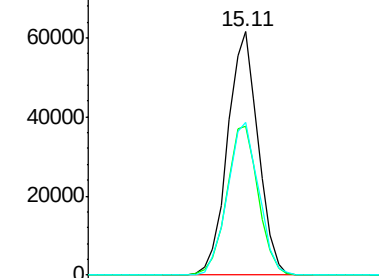


#94
 Hexachlorobutadiene
 Concen: 22.036 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003008.D
 Acq: 29 Jun 2020 15:55

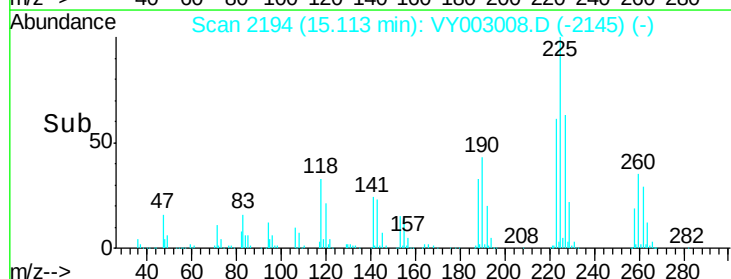
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97165		
223	63.1	32.4	97.0	
227	64.2	32.4	97.2	

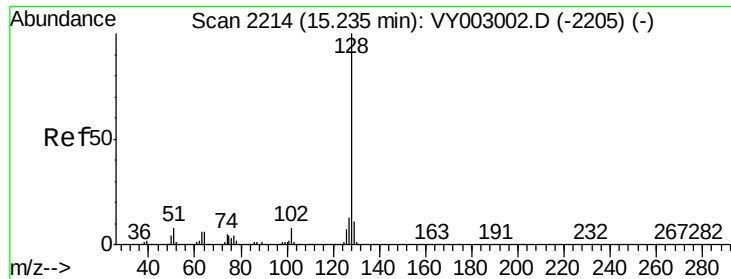


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





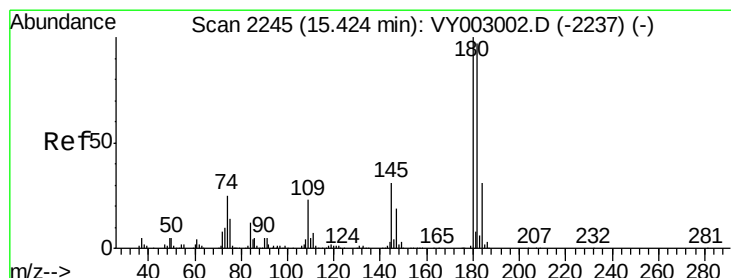
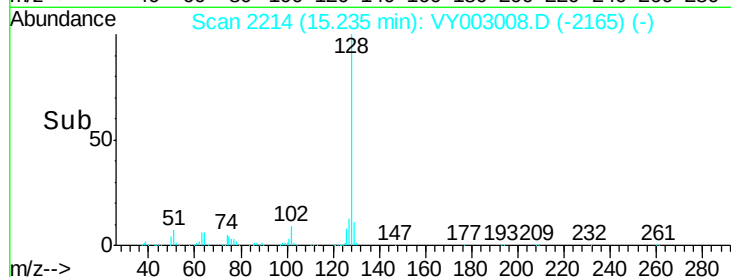
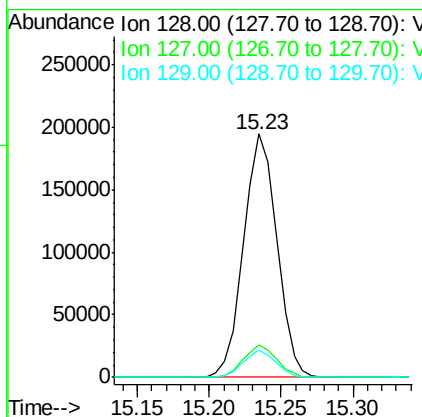
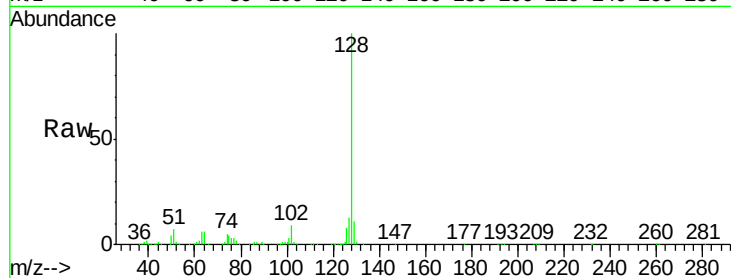
#95
Naphthalene
Concen: 24.340 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	310783		
127	13.3		10.8	16.2
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.680 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003008.D
Acq: 29 Jun 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137673		
182	95.6		47.8	143.3
145	29.8		14.7	44.1

