

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002814.D
 Acq On : 02 Jun 2020 12:00
 Operator : SY/MD
 Sample : VY0602SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:31:36 AM

Quant Time: Jun 03 05:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	326615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	474777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	139921	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.72	113	146950	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.18	98	576528	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.48	95	201676	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	45190	20.108	ug/l	94
3) Chloromethane	2.12	50	51701	20.798	ug/l	100
4) Vinyl Chloride	2.26	62	56372	21.455	ug/l	96
5) Bromomethane	2.65	94	41685	21.171	ug/l	92
6) Chloroethane	2.80	64	37017	21.733	ug/l	95
7) Trichlorofluoromethane	3.13	101	99021	21.279	ug/l	97
8) Diethyl Ether	3.54	74	35959	19.790	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60583	21.927	ug/l	98
10) Methyl Iodide	4.10	142	80638	20.858	ug/l	100
11) Tert butyl alcohol	4.97	59	29475	88.449	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	59797	21.521	ug/l	96
13) Acrolein	3.74	56	31649	95.231	ug/l	100
14) Allyl chloride	4.49	41	87745	22.018	ug/l	98
15) Acrylonitrile	5.18	53	84935	103.614	ug/l	100
16) Acetone	3.96	43	64130	96.438	ug/l	98
17) Carbon Disulfide	4.20	76	177989	21.198	ug/l	99
18) Methyl Acetate	4.49	43	38693	22.660	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	160357	20.905	ug/l	98
20) Methylene Chloride	4.72	84	67208	20.681	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	67091	21.471	ug/l	99
22) Diisopropyl ether	6.13	45	181405	21.906	ug/l	95
23) Vinyl Acetate	6.07	43	583470	106.716	ug/l	99
24) 1,1-Dichloroethane	6.03	63	104093	21.488	ug/l	98
25) 2-Butanone	7.00	43	103185	99.594	ug/l	97
26) 2,2-Dichloropropane	6.99	77	94955	20.438	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	74446	21.282	ug/l	99
28) Bromochloromethane	7.34	49	44905	22.580	ug/l	100
29) Tetrahydrofuran	7.36	42	68882	102.212	ug/l	100
30) Chloroform	7.52	83	109964	21.392	ug/l	98
31) Cyclohexane	7.79	56	101781	21.161	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	100245	20.927	ug/l	100
36) 1,1-Dichloropropene	7.93	75	85645	21.415	ug/l	99
37) Ethyl Acetate	7.08	43	45287	20.812	ug/l	98
38) Carbon Tetrachloride	7.91	117	93728	21.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	113358	21.504	ug/l	98
40) Benzene	8.17	78	254037	21.497	ug/l	99
41) Methacrylonitrile	7.32	41	23154m	19.807	ug/l	
42) 1,2-Dichloroethane	8.24	62	70329	21.235	ug/l	99
43) Isopropyl Acetate	8.28	43	85960	20.846	ug/l	100
44) Trichloroethene	8.94	130	78537	21.040	ug/l	96
45) 1,2-Dichloropropane	9.22	63	61960	21.864	ug/l	98
46) Dibromomethane	9.31	93	36854	21.897	ug/l	96
47) Bromodichloromethane	9.50	83	86160	21.715	ug/l	99
48) Methyl methacrylate	9.30	41	39120	21.016	ug/l	97
49) 1,4-Dioxane	9.30	88	9906	383.321	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	225927	103.470	ug/l	99
52) Toluene	10.24	92	166069	21.482	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	92879	21.432	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	106002	21.586	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	53512	20.768	ug/l	94
56) Ethyl methacrylate	10.51	69	71729	20.784	ug/l	100
57) 1,3-Dichloropropane	10.79	76	90759	21.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	174935	103.735	ug/l	98
59) 2-Hexanone	10.83	43	159120	102.708	ug/l	100
60) Dibromochloromethane	10.99	129	67724	20.731	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53777	21.157	ug/l	100
64) Tetrachloroethene	10.72	164	83452	20.853	ug/l	99
65) Chlorobenzene	11.52	112	184965	21.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	69595	21.232	ug/l	98
67) Ethyl Benzene	11.59	91	319389	21.168	ug/l	100
68) m/p-Xylenes	11.70	106	250800	42.873	ug/l	99
69) o-Xylene	12.03	106	119251	21.594	ug/l	99
70) Styrene	12.04	104	204704	21.383	ug/l	100
71) Bromoform	12.20	173	45734	20.852	ug/l #	99
73) Isopropylbenzene	12.33	105	321975	21.085	ug/l	99
74) N-amyl acetate	12.14	43	80019	20.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	56999	21.274	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	44216m	20.593	ug/l	
77) Bromobenzene	12.61	156	82344	20.709	ug/l	99
78) n-propylbenzene	12.67	91	376451	21.342	ug/l	100
79) 2-Chlorotoluene	12.75	91	212204	21.446	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	271535	21.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23976	21.038	ug/l	97
82) 4-Chlorotoluene	12.85	91	219034	21.128	ug/l	100
83) tert-Butylbenzene	13.07	119	241562	21.239	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	273159	21.307	ug/l	100
85) sec-Butylbenzene	13.25	105	330022	21.222	ug/l	100
86) p-Isopropyltoluene	13.37	119	312233	21.578	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	159630	21.194	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	159356	21.151	ug/l	99
89) n-Butylbenzene	13.69	91	283718	21.596	ug/l	100
90) Hexachloroethane	13.96	117	58221	21.492	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	144082	21.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10136	19.663	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	108790	21.130	ug/l	98
94) Hexachlorobutadiene	15.11	225	63132	21.620	ug/l	99
95) Naphthalene	15.23	128	209253	20.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	95608	20.795	ug/l	99

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

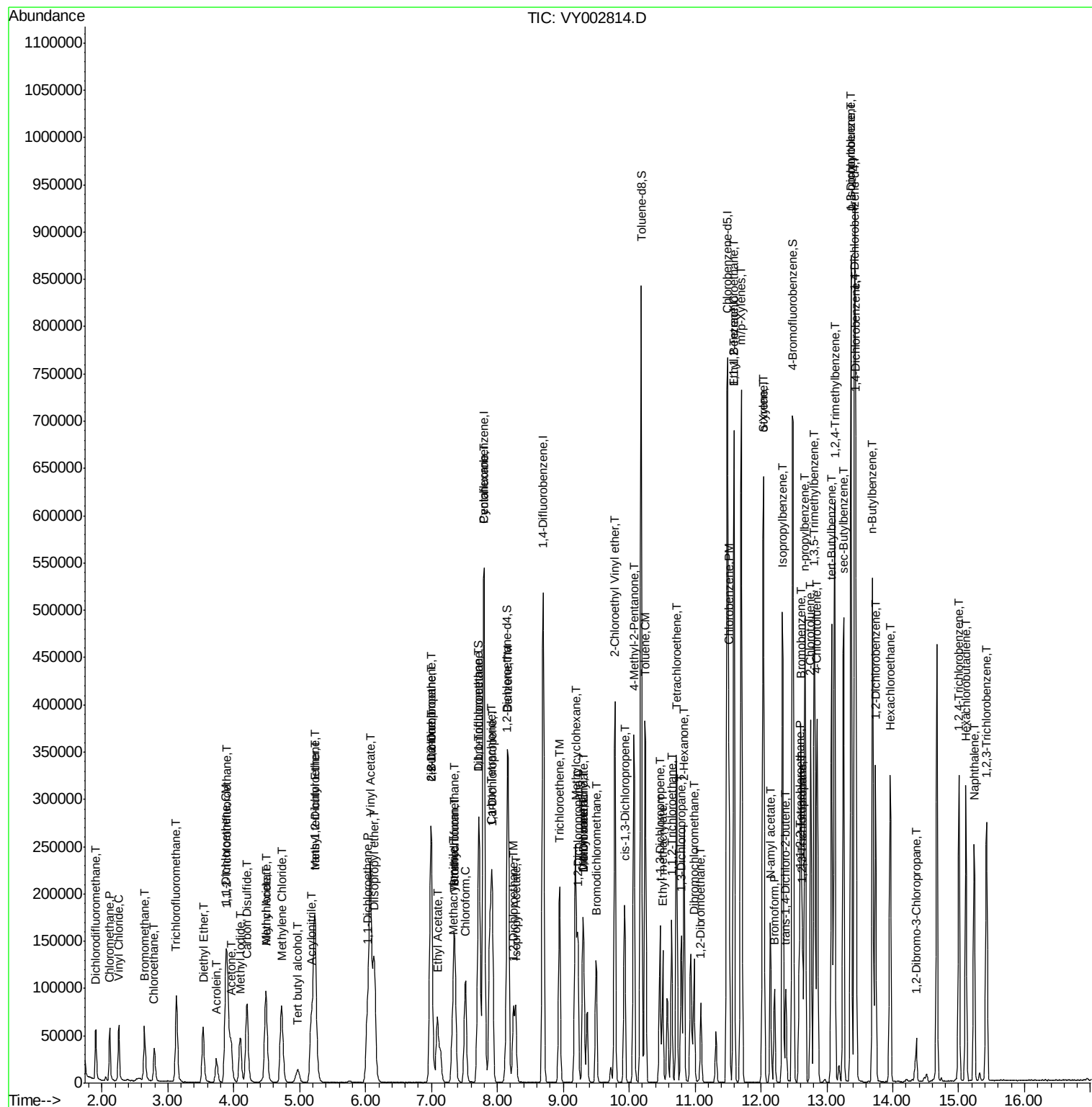
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002814.D
Acq On : 02 Jun 2020 12:00
Operator : SY/MD
Sample : VY0602SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

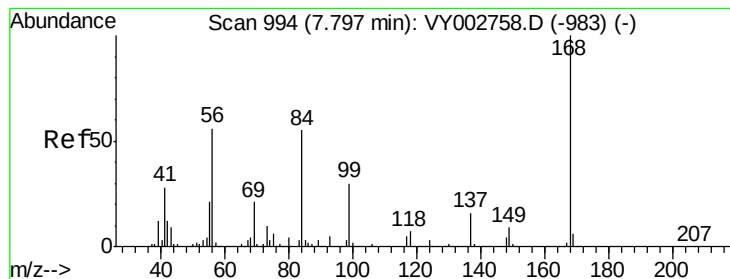
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

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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: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion:168 Resp: 326615

Ion Ratio Lower Upper

168 100

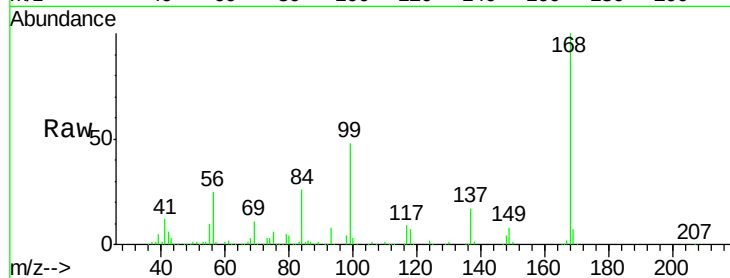
99 48.2 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

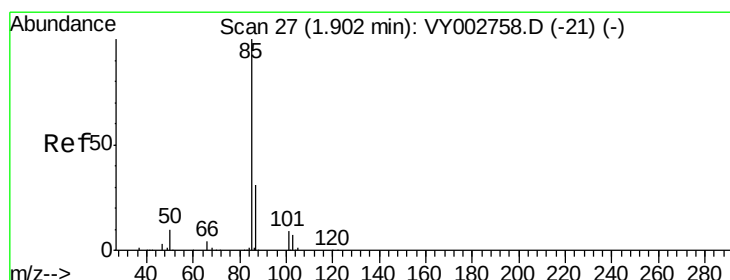
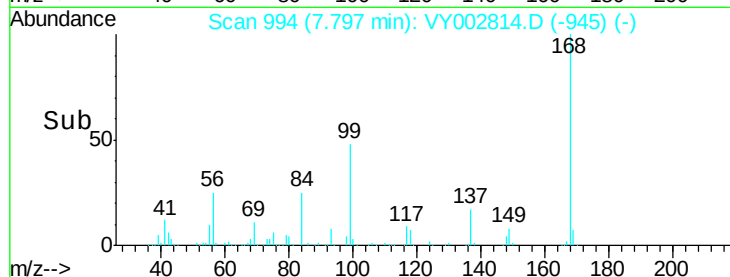
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.108 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002814.D

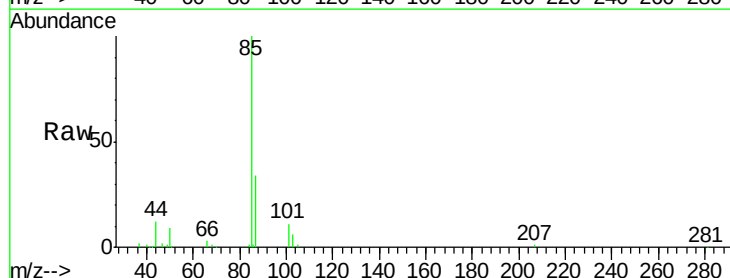
Acq: 02 Jun 2020 12:00

Tgt Ion: 85 Resp: 45190

Ion Ratio Lower Upper

85 100

87 34.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

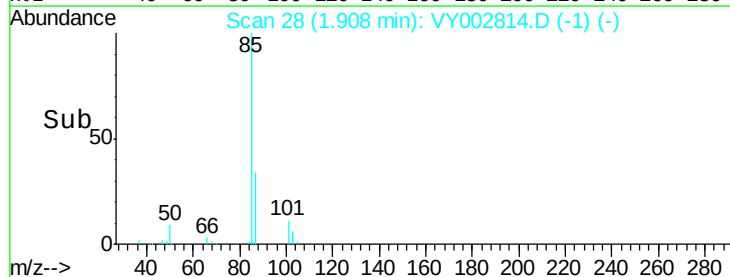
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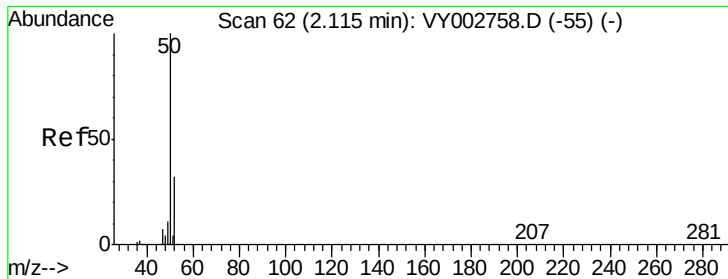
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.798 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 50 Resp: 51701

Ion Ratio Lower Upper

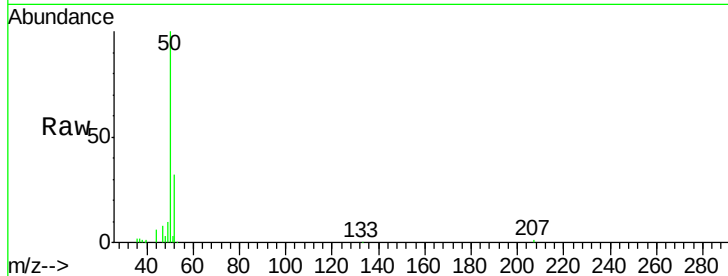
50 100

52 32.3 25.8 38.6

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

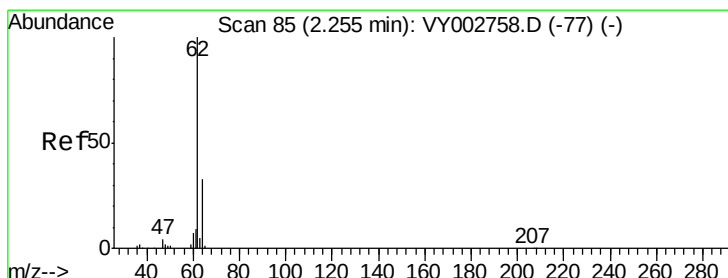
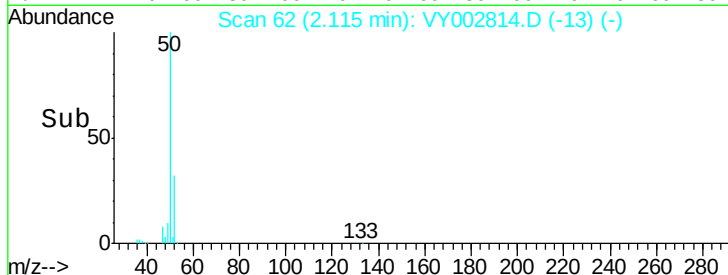
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 21.455 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002814.D

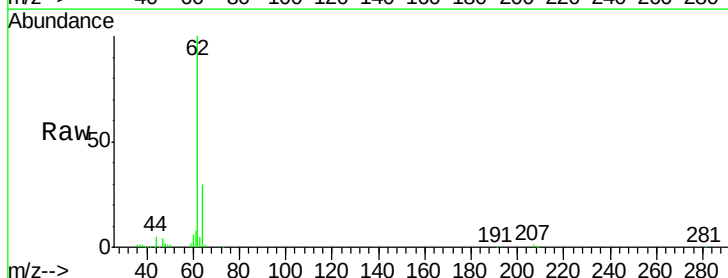
Acq: 02 Jun 2020 12:00

Tgt Ion: 62 Resp: 56372

Ion Ratio Lower Upper

62 100

64 30.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

40000

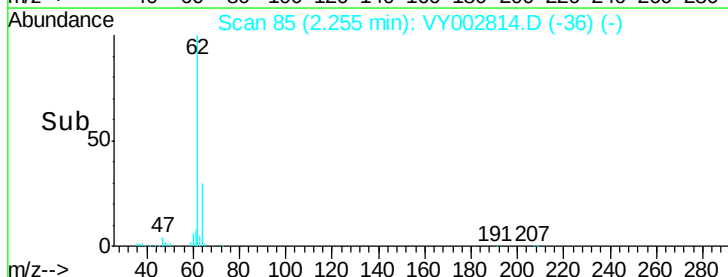
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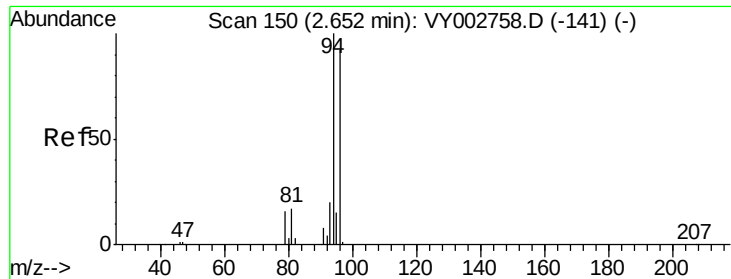
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10000

0

Time-->





#5

Bromomethane

Concen: 21.171 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 94 Resp: 41685

Ion Ratio Lower Upper

94 100

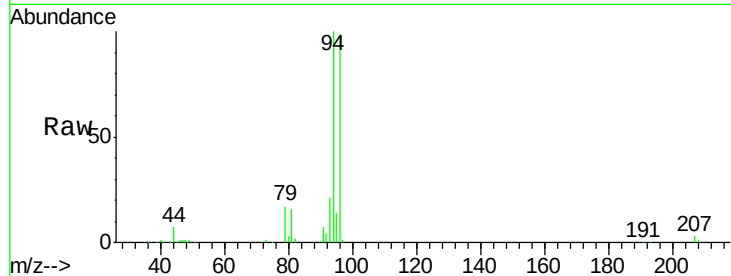
96 99.3 73.7 110.5

Manual Integrations

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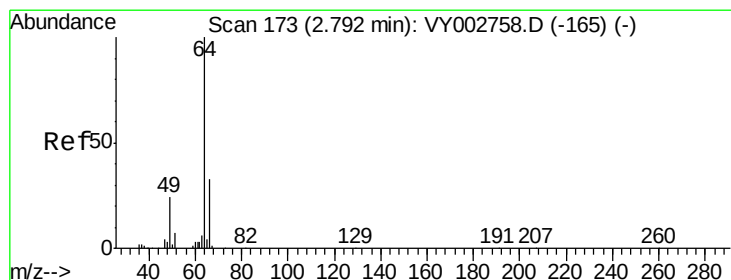
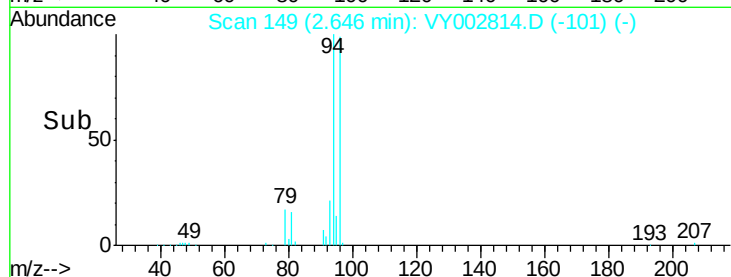
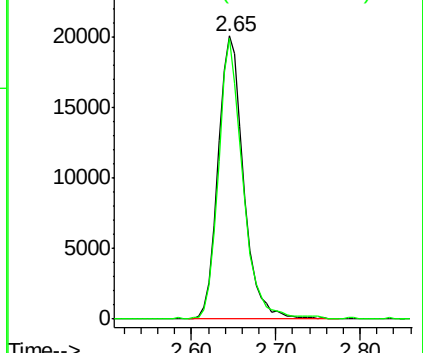
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.733 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002814.D

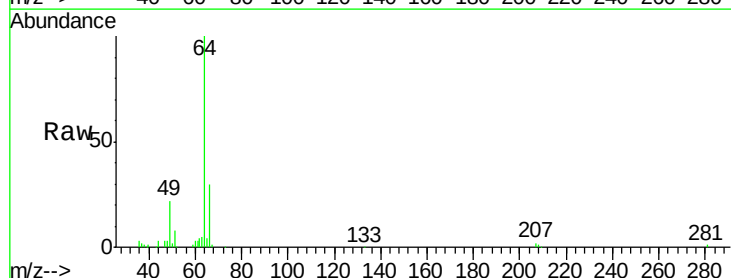
Acq: 02 Jun 2020 12:00

Tgt Ion: 64 Resp: 37017

Ion Ratio Lower Upper

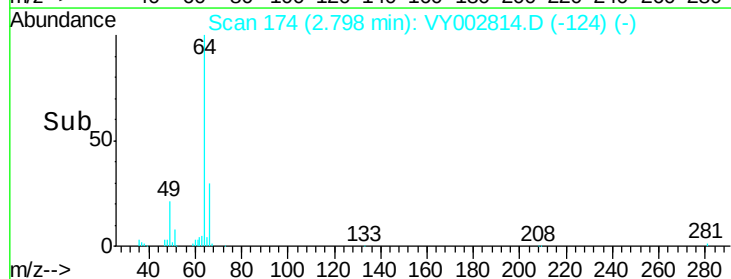
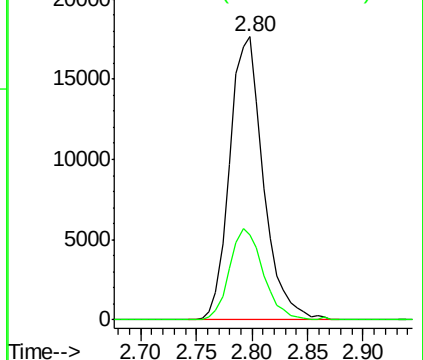
64 100

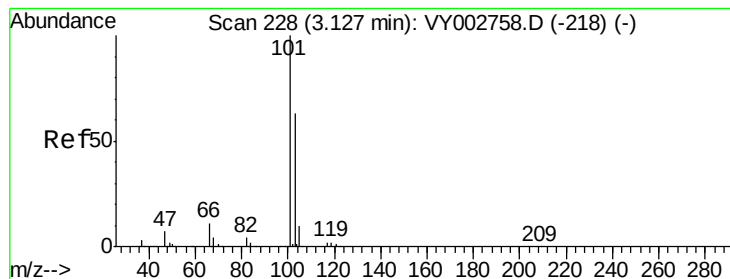
66 30.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

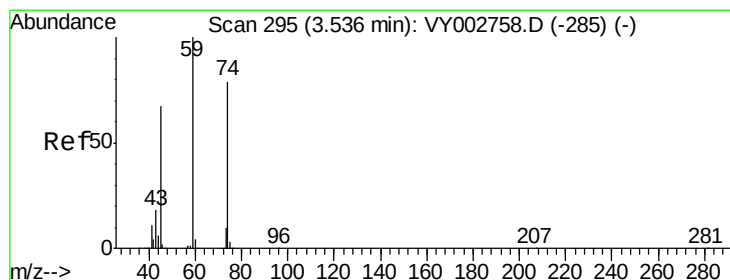
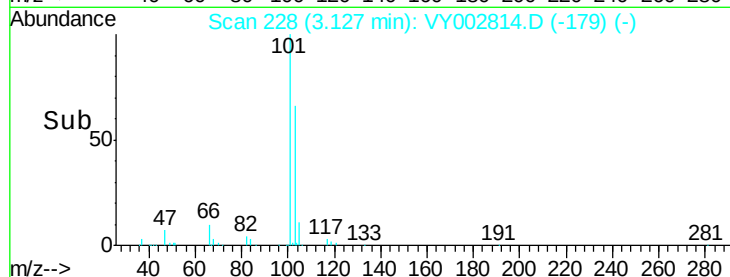
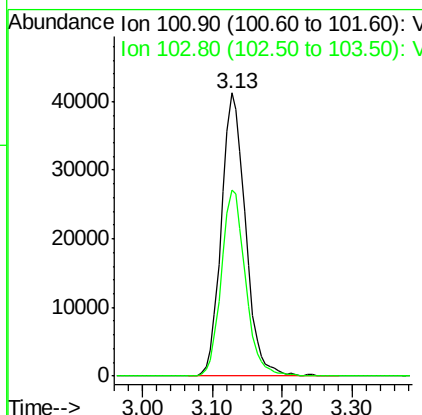
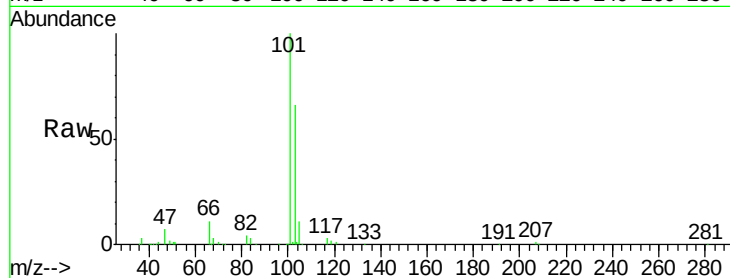
Trichlorofluoromethane
Concen: 21.279 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
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ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.6	76.0

Manual Integrations
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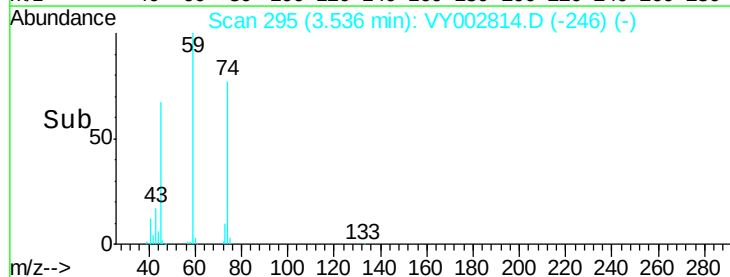
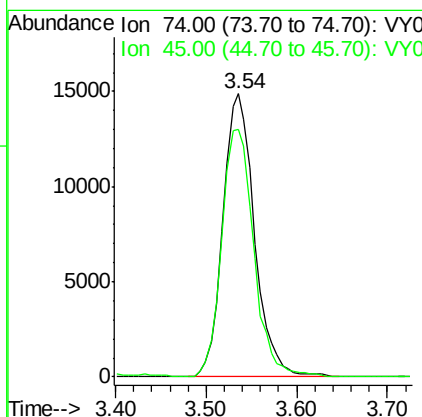
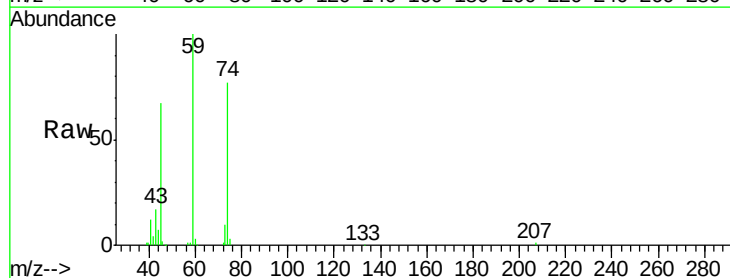
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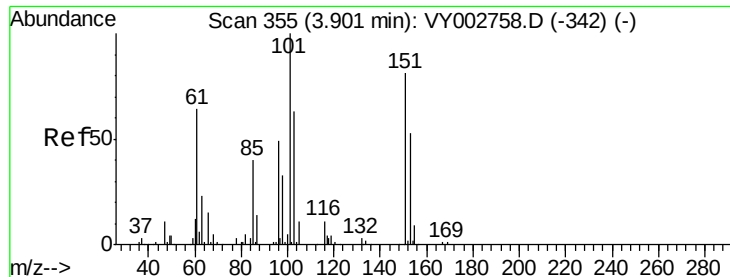


#8

Diethyl Ether
Concen: 19.790 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.4	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.927 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

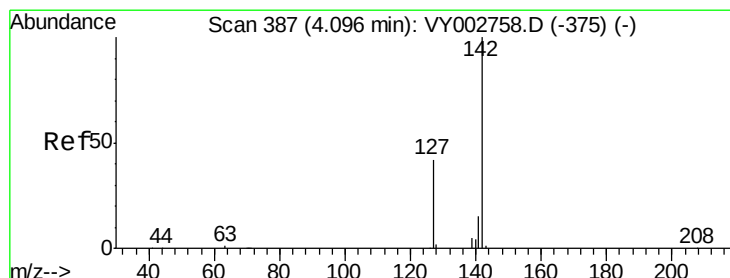
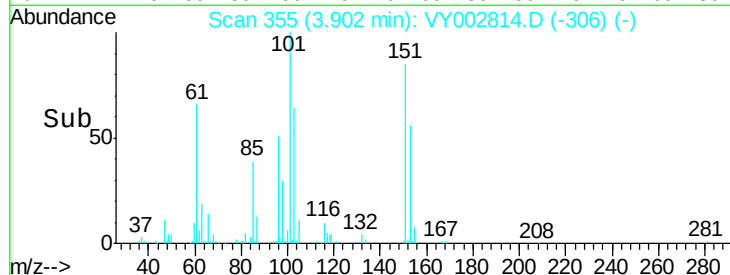
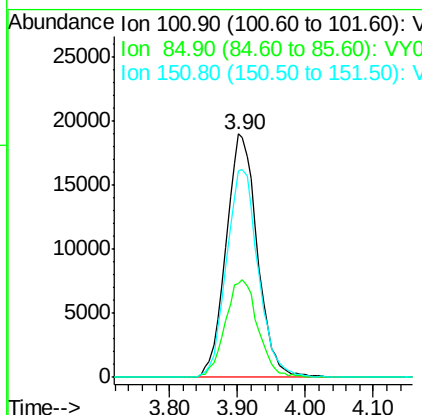
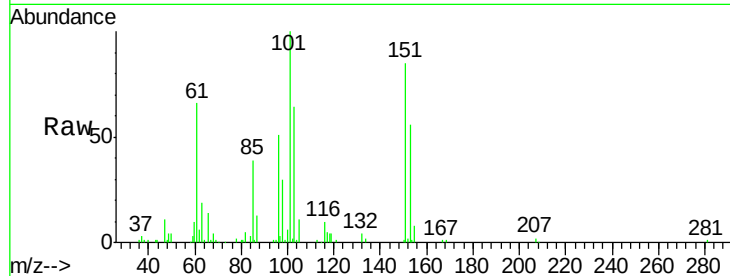
ClientSampleId :

VY0602SBSD01

Tot Ion:	101	Resp:	60583
Ion Ratio	Lower	Upper	
101	100		
85	41.7	32.7	49.1
151	86.9	68.0	102.0

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#10

Methyl Iodide

Concen: 20.858 ug/l

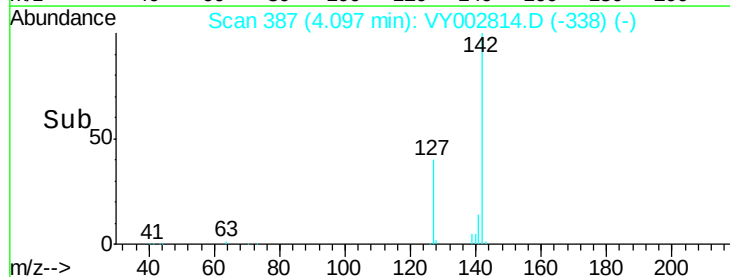
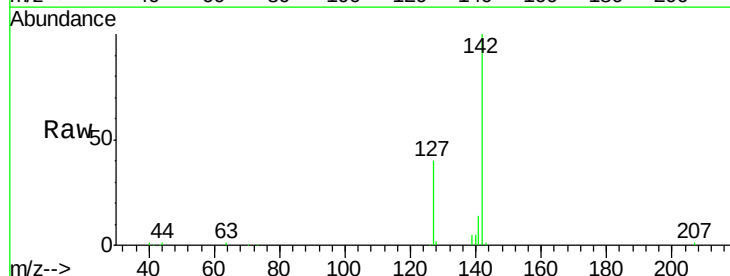
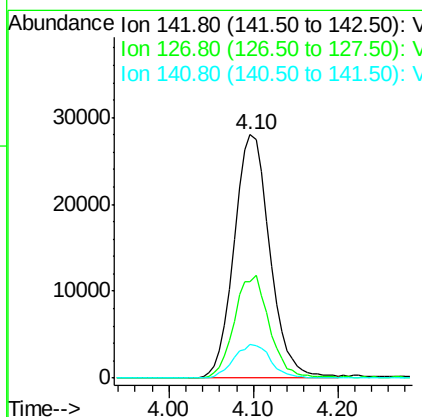
RT: 4.10 min Scan# 387

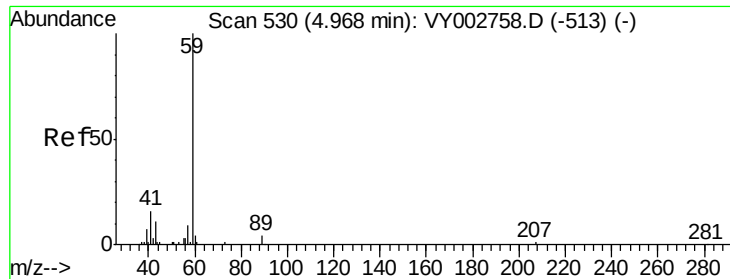
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	142	Resp:	80638
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	14.2	11.5	17.3





#11

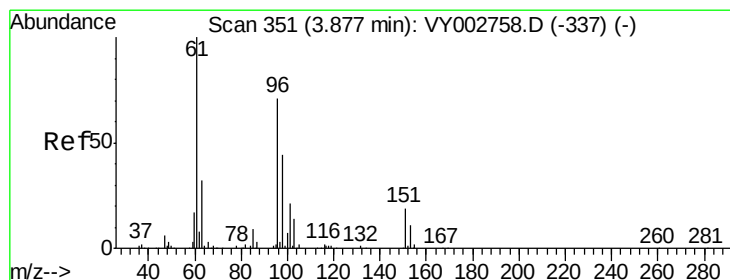
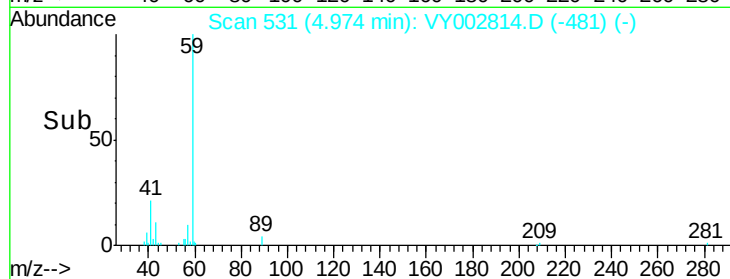
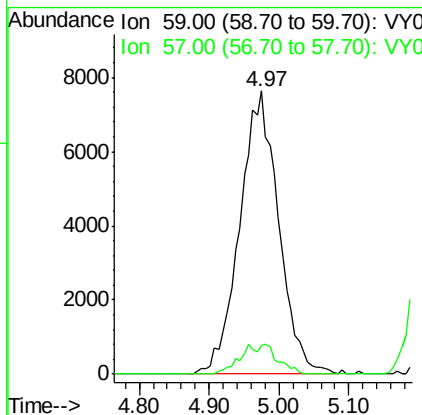
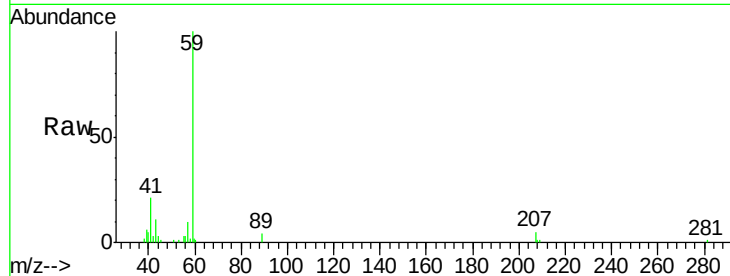
Tert butyl alcohol
 Concen: 88.449 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	4.9	7.7	11.5#

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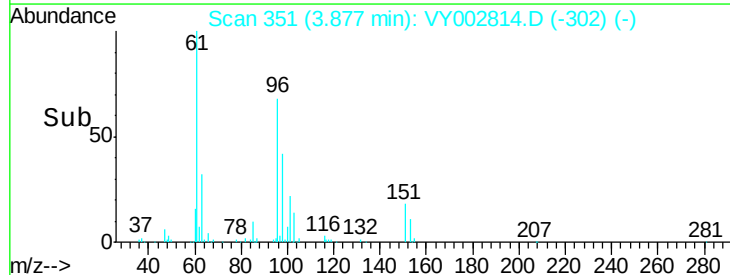
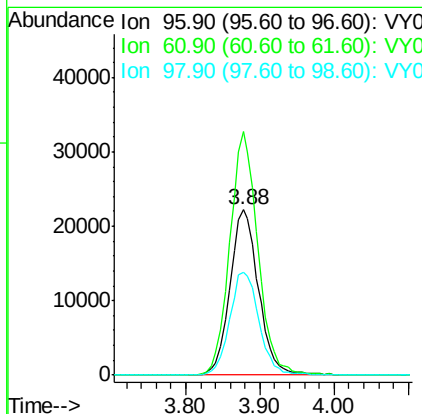
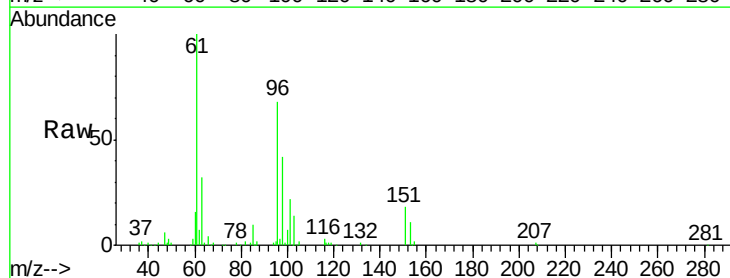
MMDadoda
 6/3/2020 11:31:36 AM

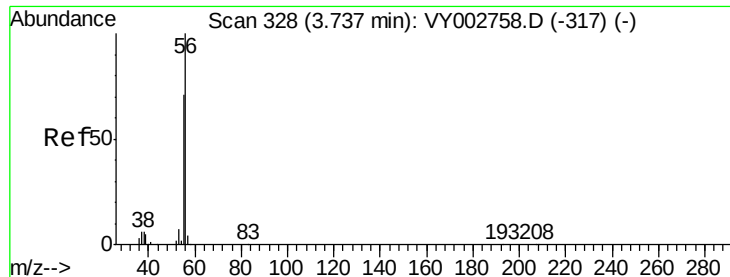


#12

1,1-Dichloroethene
 Concen: 21.521 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	147.4	112.6	168.8
98	98	62.4	50.0	75.0





#13

Acrolein

Concen: 95.231 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 56 Resp: 31649

Ion Ratio Lower Upper

56 100

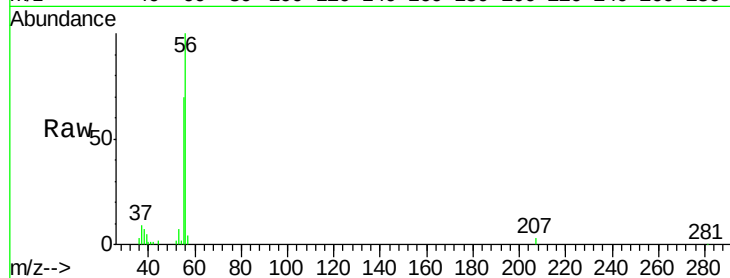
55 70.2 56.0 84.0

Manual Integrations

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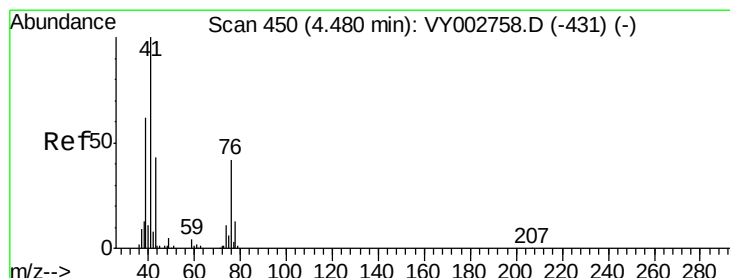
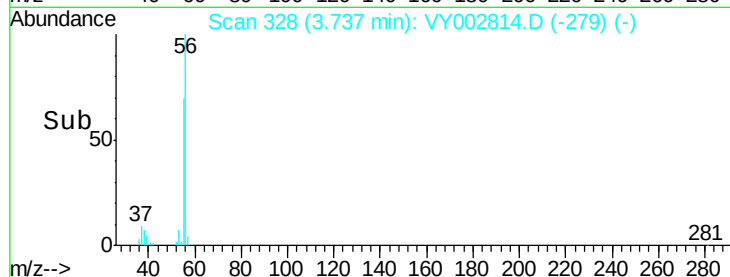
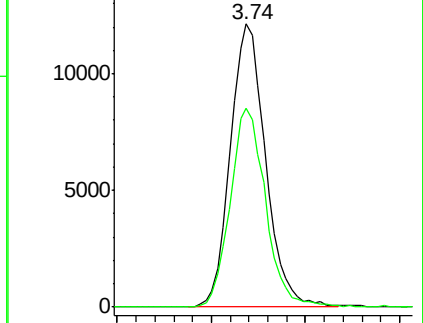
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.018 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

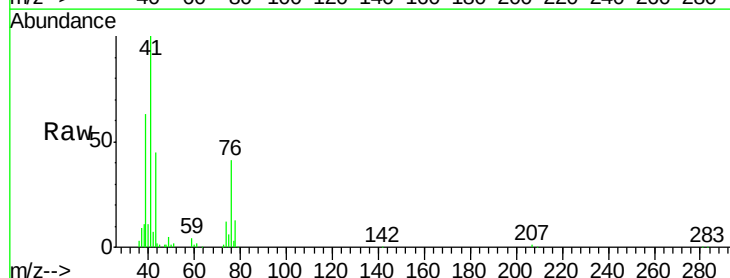
Tgt Ion: 41 Resp: 87745

Ion Ratio Lower Upper

41 100

39 60.8 49.9 74.9

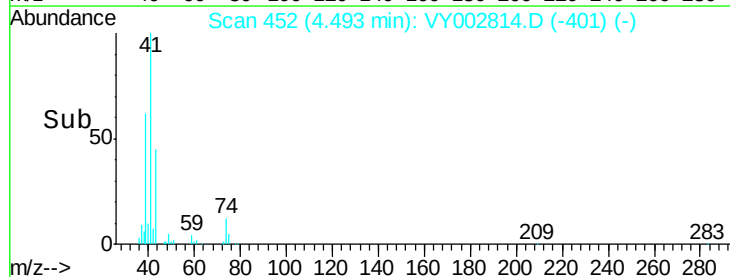
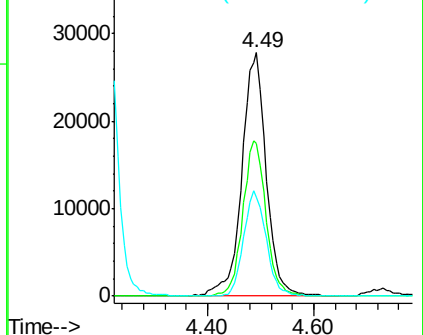
76 40.0 33.2 49.8

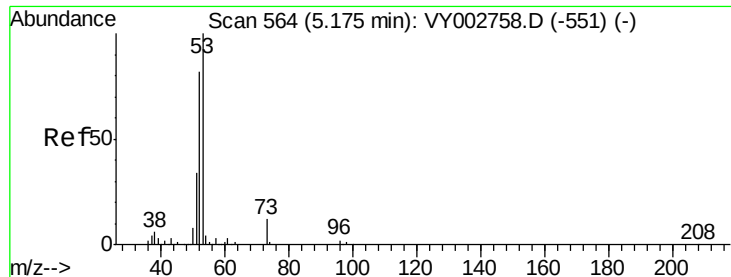


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 103.614 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

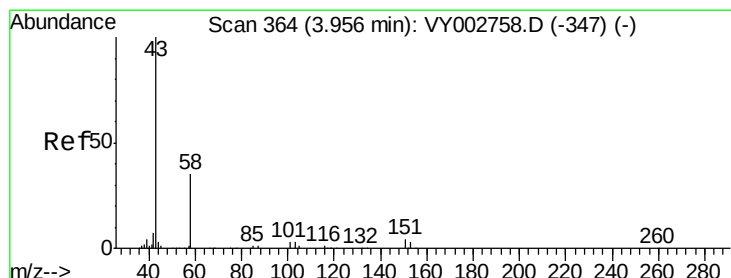
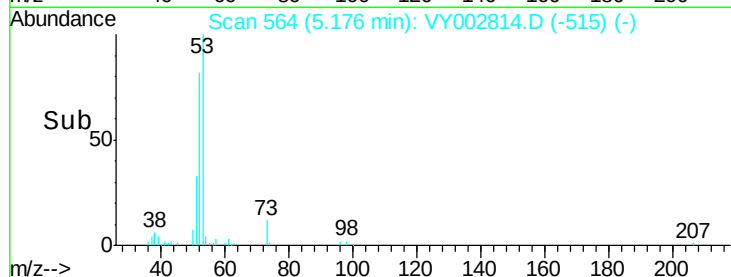
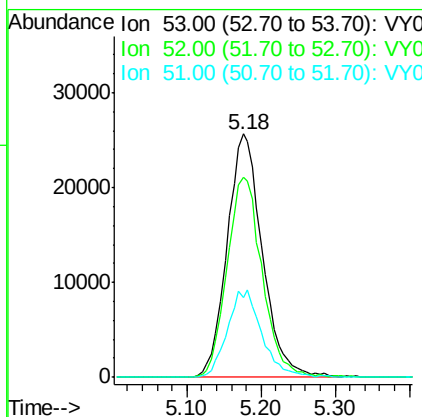
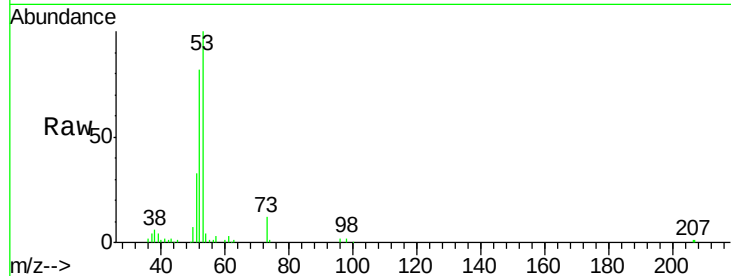
ClientSampleId :

VY0602SBSD01

Tot Ion:	53	Resp:	84935
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.3	97.9
51	35.2	28.0	42.0

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#16

Acetone

Concen: 96.438 ug/l

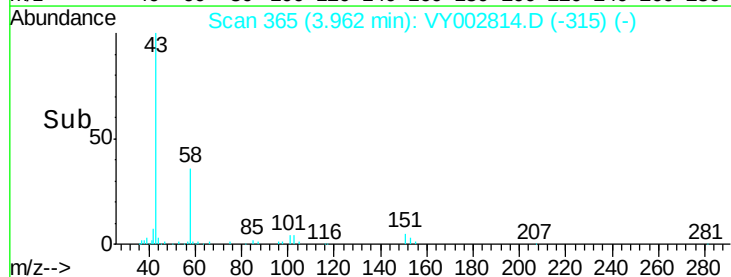
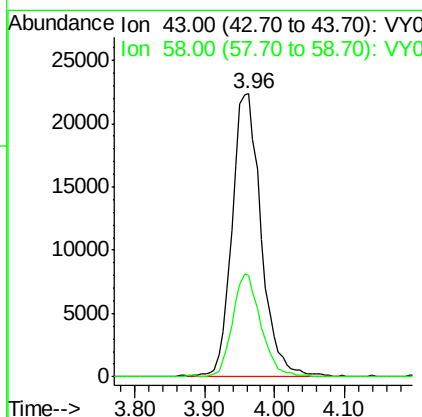
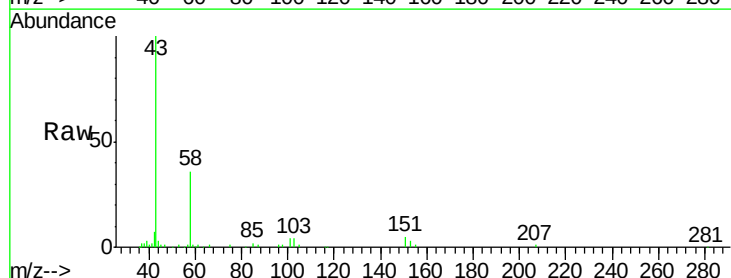
RT: 3.96 min Scan# 365

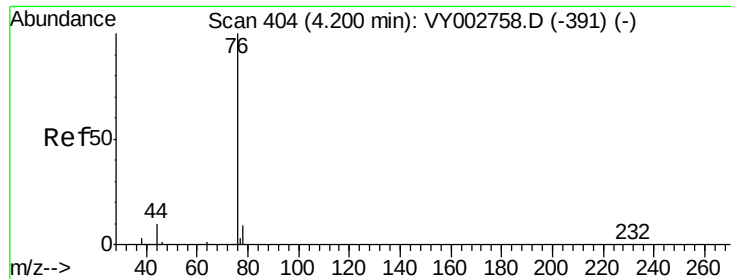
Delta R.T. 0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	43	Resp:	64130
Ion Ratio	Lower	Upper	
43	100		
58	35.9	27.7	41.5





#17

Carbon Disulfide

Concen: 21.198 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 76 Resp: 177989

Ion Ratio Lower Upper

76 100

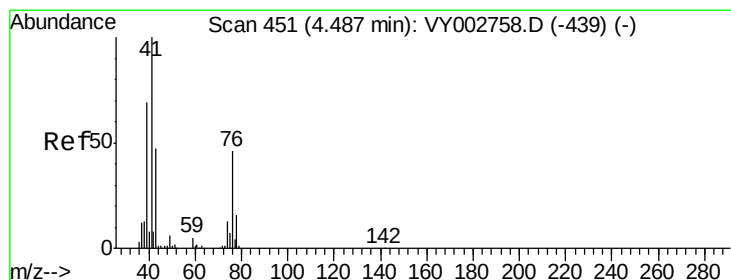
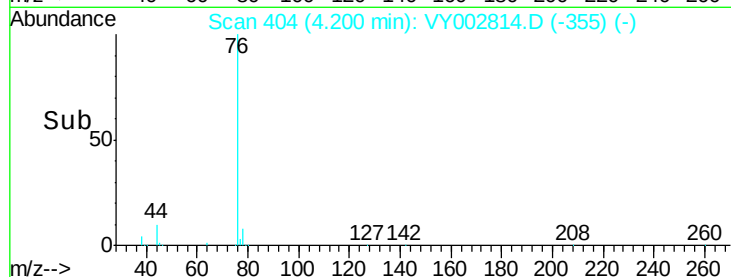
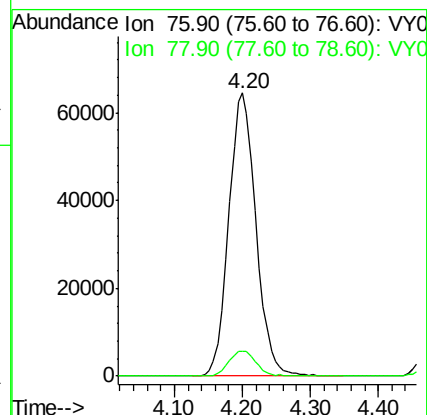
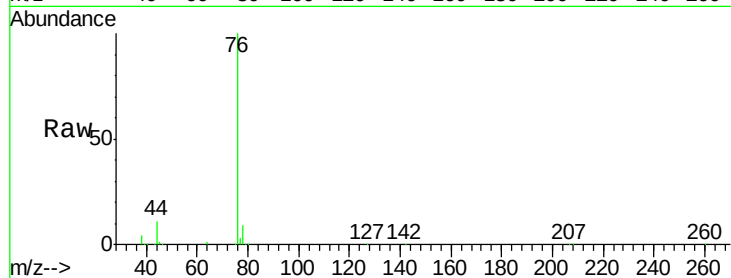
78 8.9 6.9 10.3

Manual Integrations

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#18

Methyl Acetate

Concen: 22.660 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002814.D

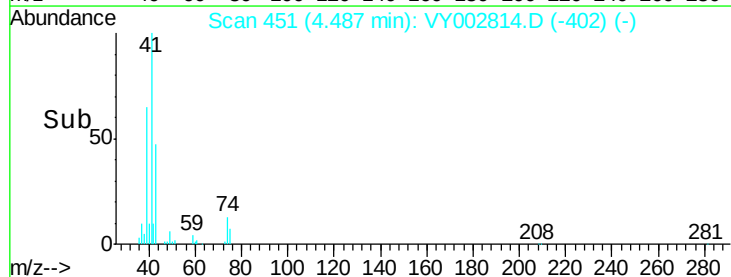
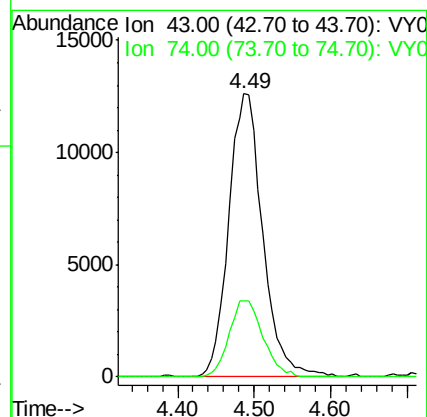
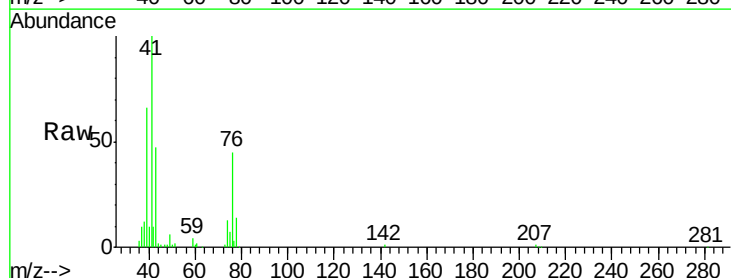
Acq: 02 Jun 2020 12:00

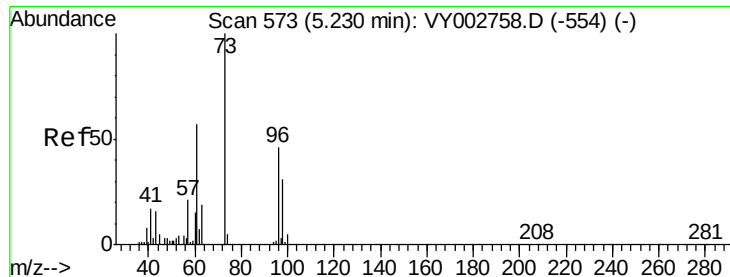
Tgt Ion: 43 Resp: 38693

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.0





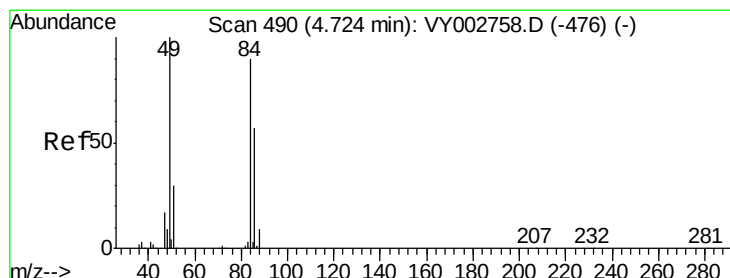
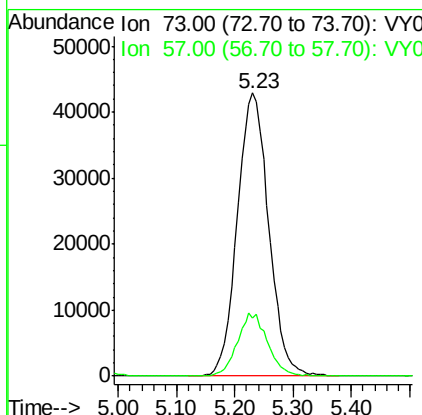
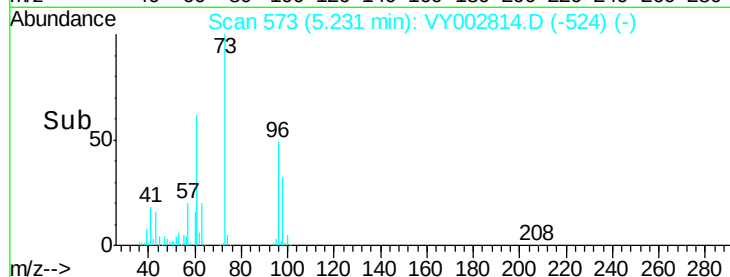
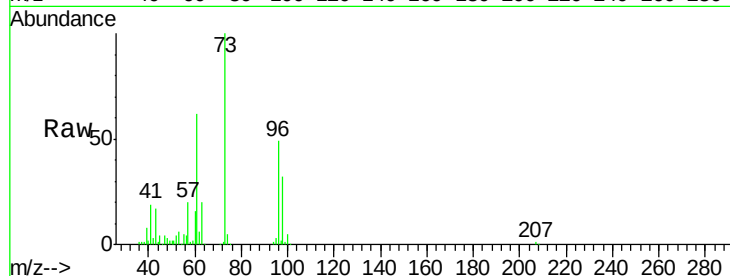
#19
Methyl tert-butyl Ether
Concen: 20.905 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion: 73 Resp: 160357
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4

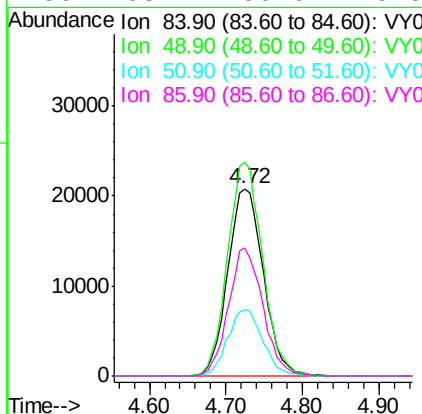
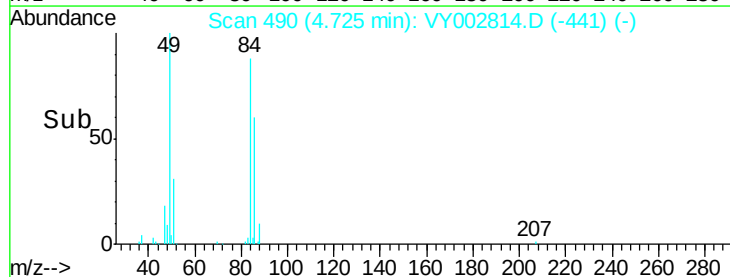
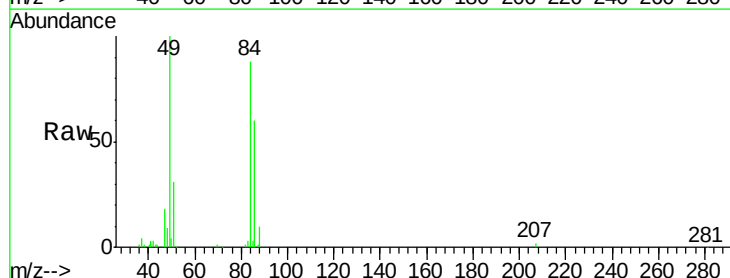
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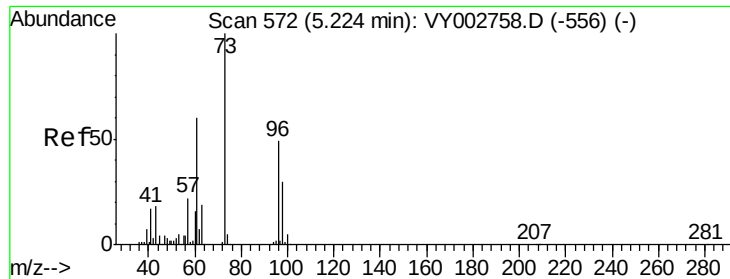
MMDadoda
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#20
Methylene Chloride
Concen: 20.681 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 84 Resp: 67208
Ion Ratio Lower Upper
84 100
49 114.2 88.5 132.7
51 35.7 26.8 40.2
86 68.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.471 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

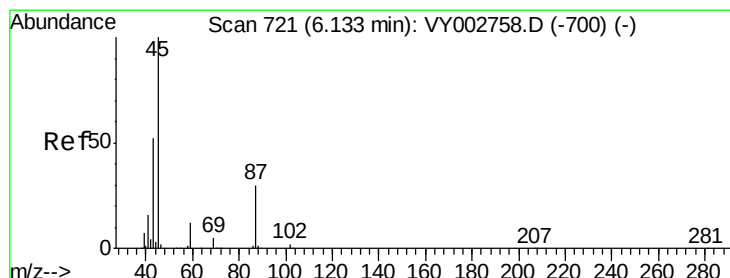
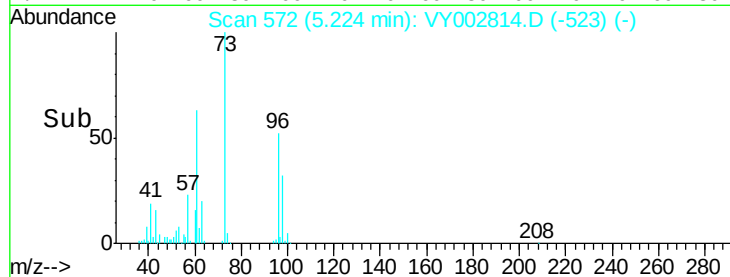
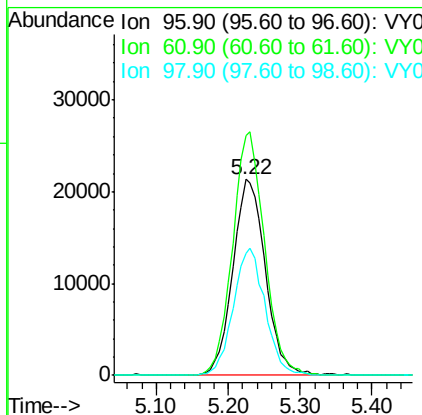
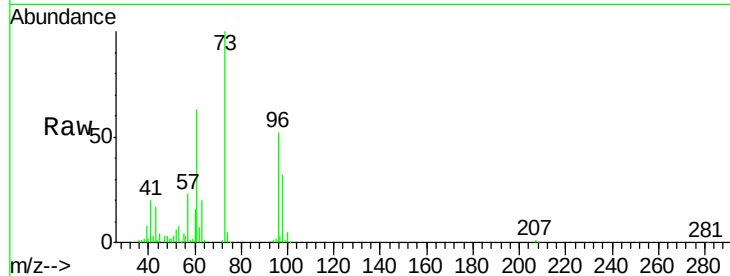
ClientSampleId :

VY0602SBSD01

Tot Ion:	96	Resp:	67091
Ion	Ratio	Lower	Upper
96	100		
61	122.2	96.8	145.2
98	62.2	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.906 ug/l

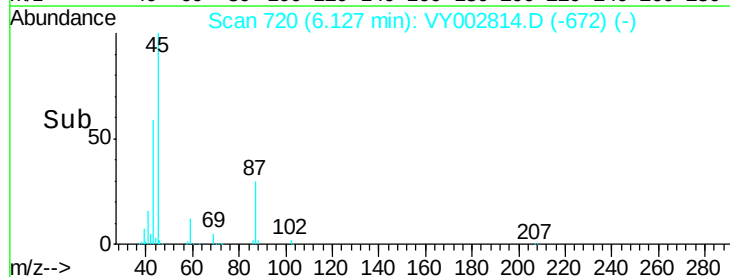
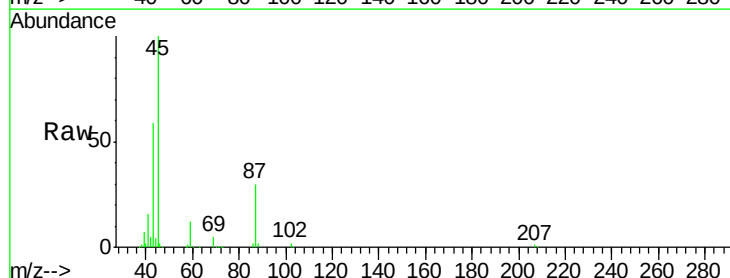
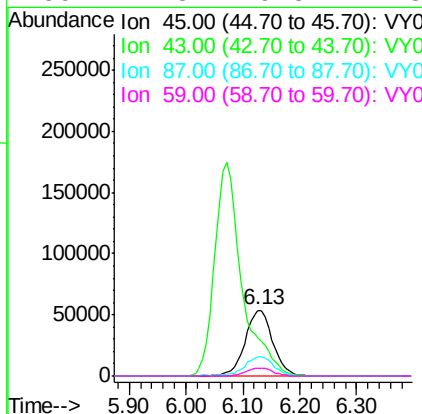
RT: 6.13 min Scan# 720

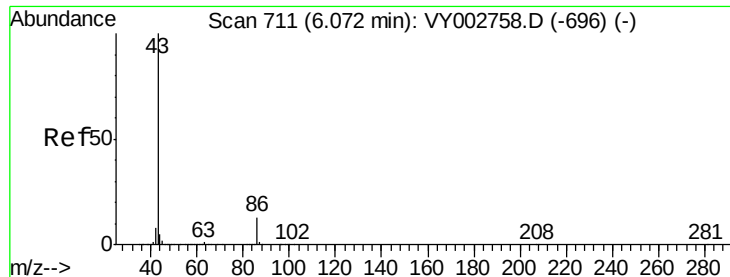
Delta R.T. -0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	45	Resp:	181405
Ion	Ratio	Lower	Upper
45	100		
43	58.3	41.7	62.5
87	29.5	24.2	36.2
59	11.8	9.8	14.8





#23

Vinyl Acetate

Concen: 106.716 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 43 Resp: 583470

Ion Ratio Lower Upper

43 100

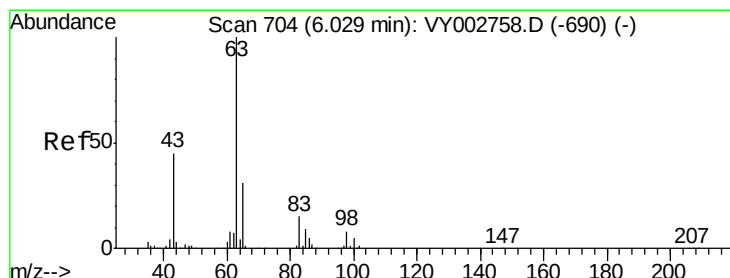
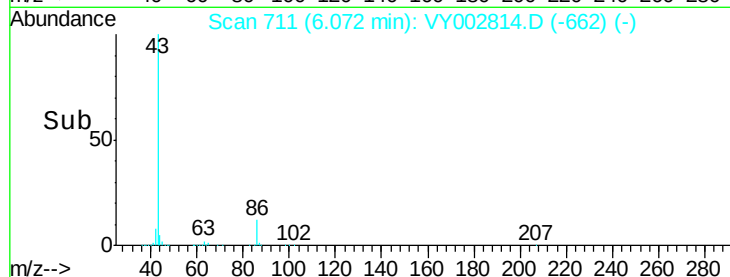
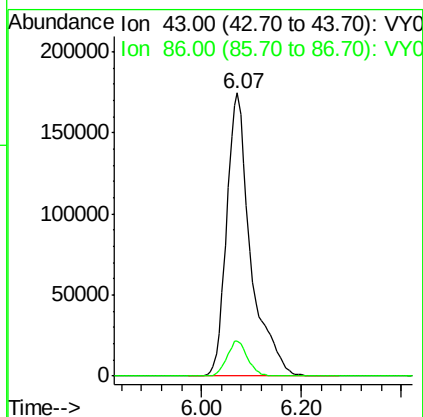
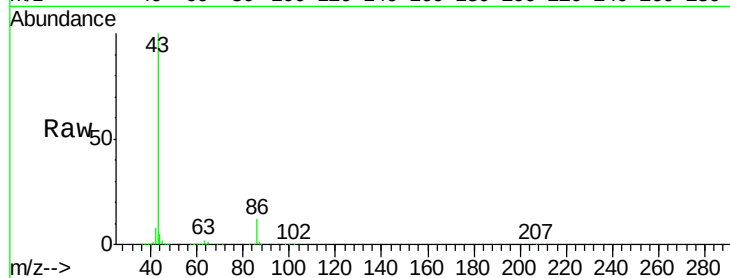
86 12.2 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.488 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

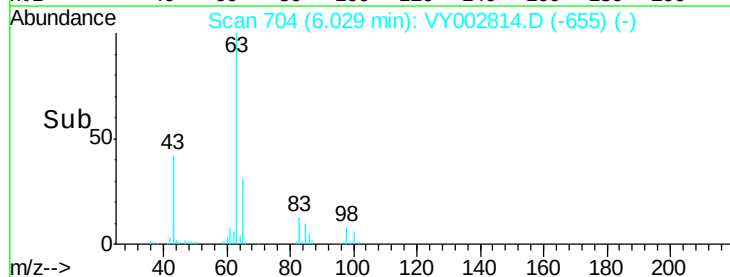
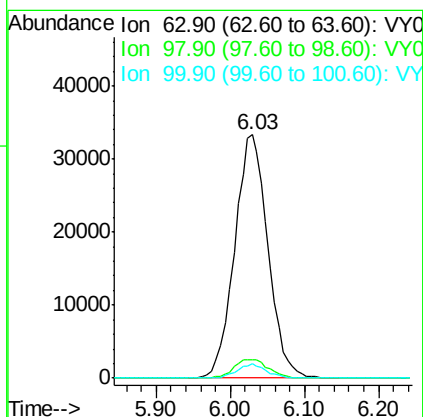
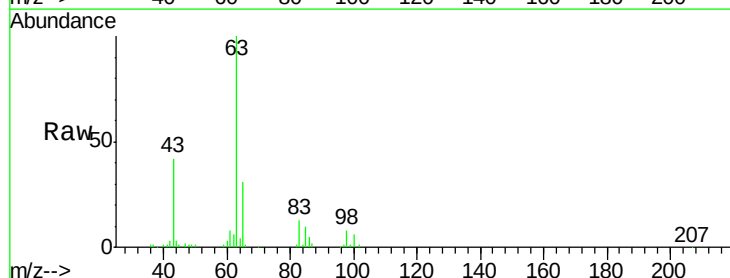
Tgt Ion: 63 Resp: 104093

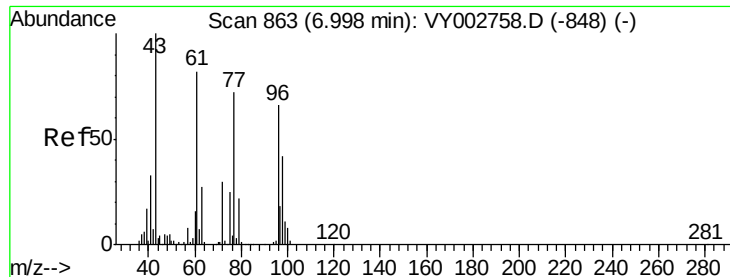
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 5.9 2.4 7.1





#25

2-Butanone

Concen: 99.594 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 43 Resp: 103185

Ion Ratio Lower Upper

43 100

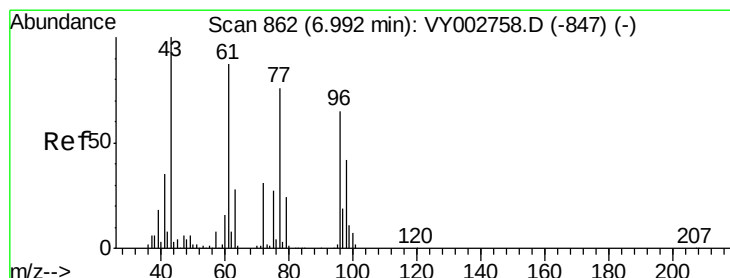
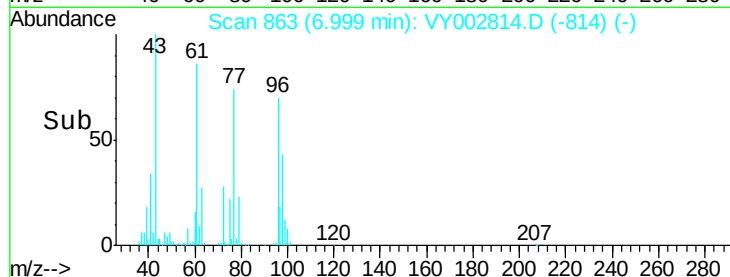
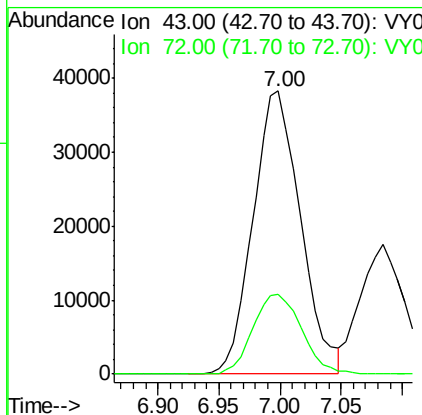
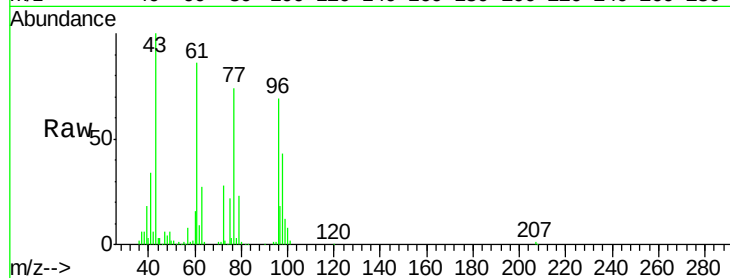
72 28.1 23.9 35.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.438 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002814.D

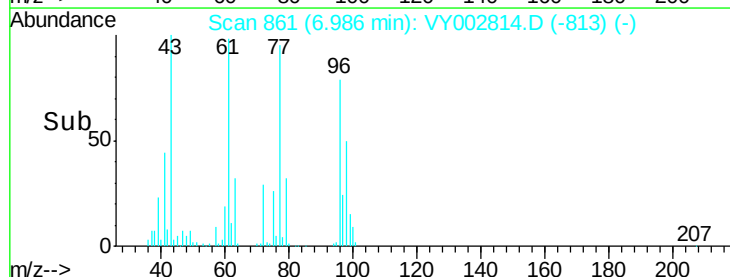
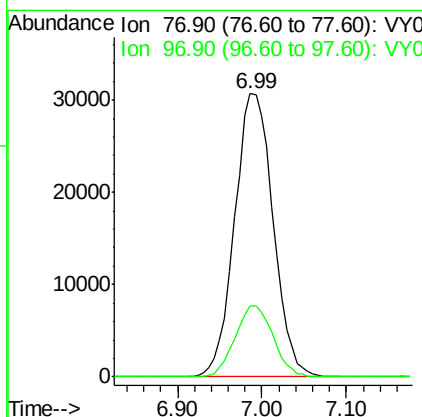
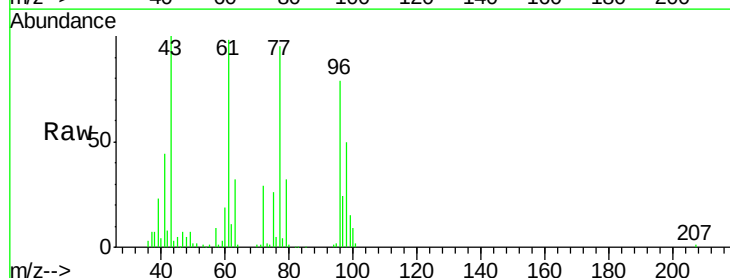
Acq: 02 Jun 2020 12:00

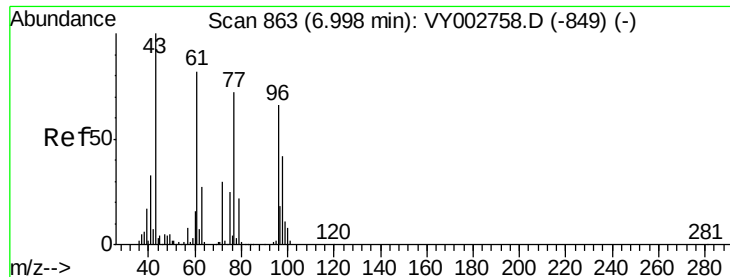
Tgt Ion: 77 Resp: 94955

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

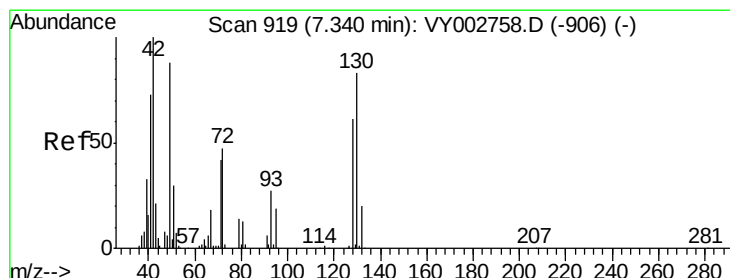
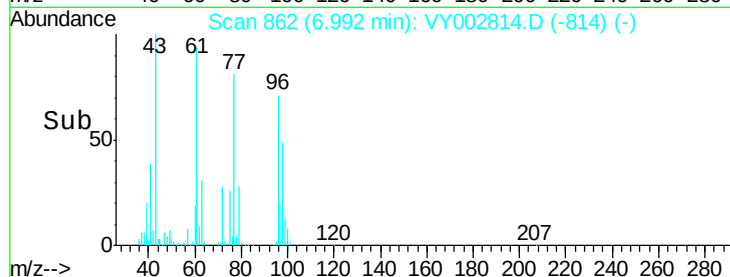
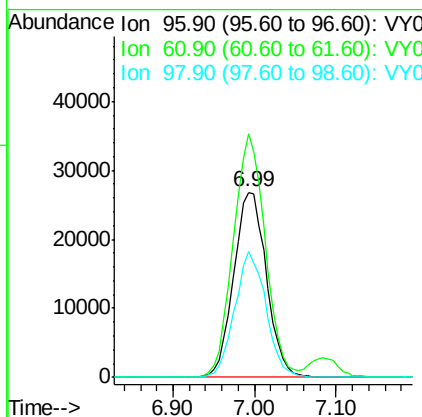
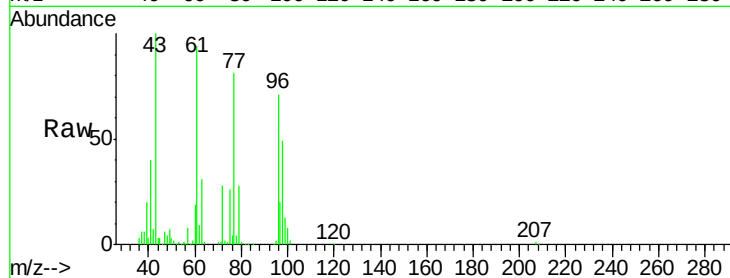
cis-1,2-Dichloroethene
Concen: 21.282 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	260.2
98	64.8	0.0	128.2

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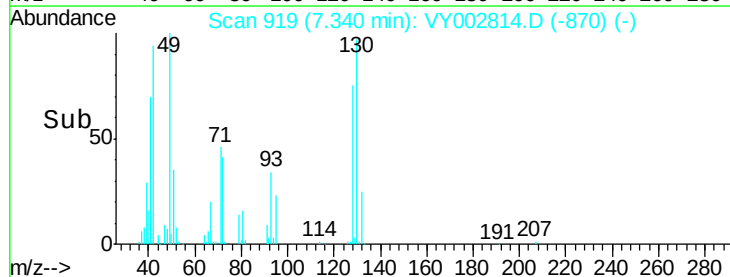
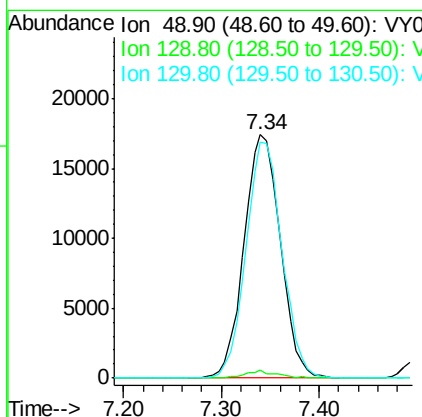
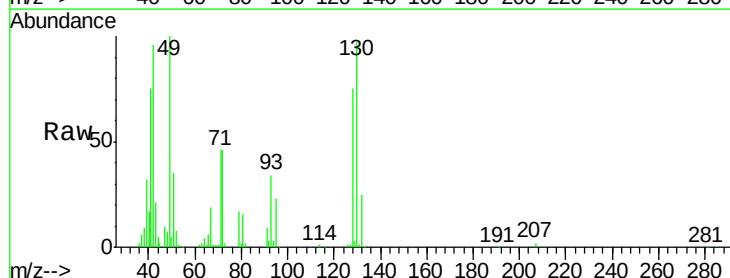
MMDadoda
6/3/2020 11:31:36 AM

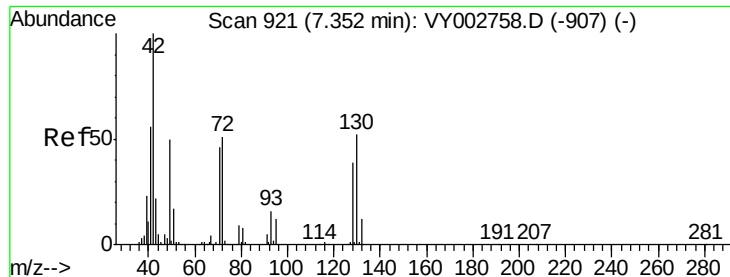


#28

Bromochloromethane
Concen: 22.580 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	96.1	77.1	115.7





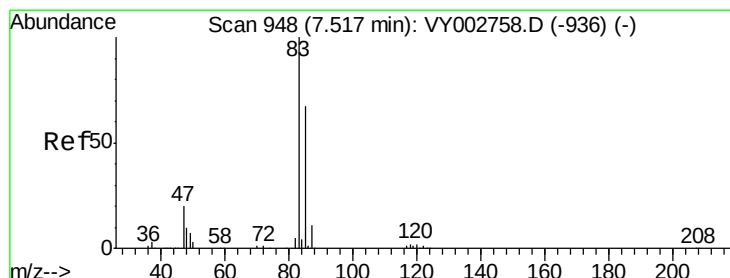
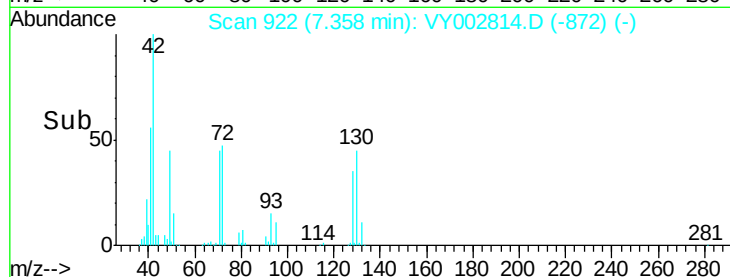
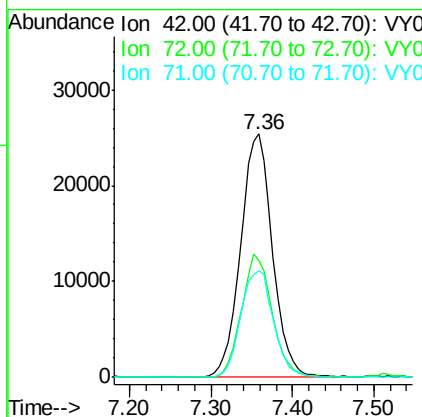
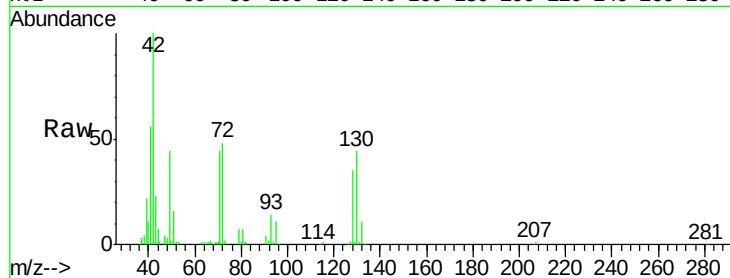
#29
Tetrahydrofuran
Concen: 102.212 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	38.6	58.0
71	44.8	35.8	53.8

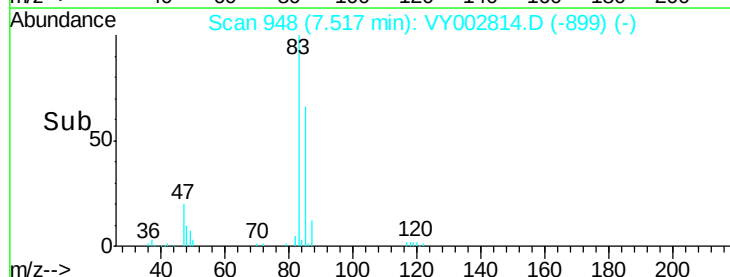
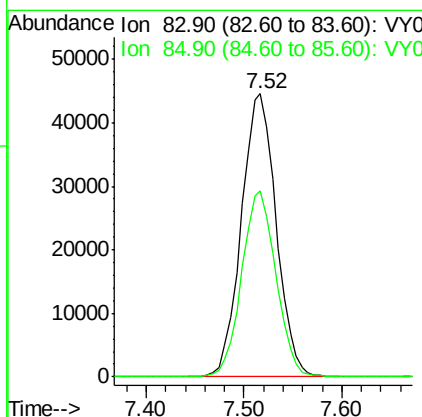
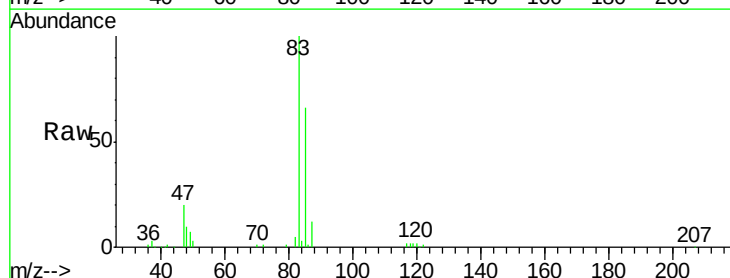
Manual Integrations
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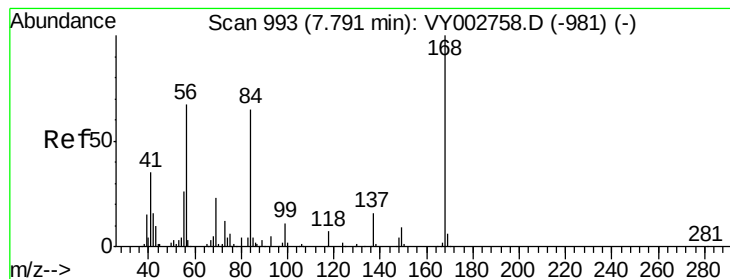
MMDadoda
6/3/2020 11:31:36 AM



#30
Chloroform
Concen: 21.392 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.8	80.8





#31

Cyclohexane

Concen: 21.161 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

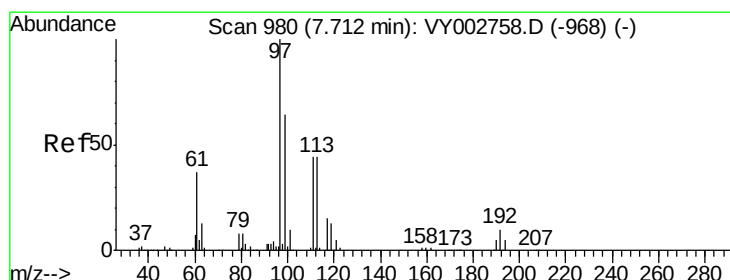
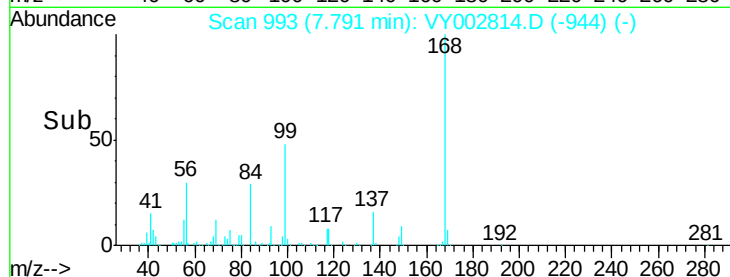
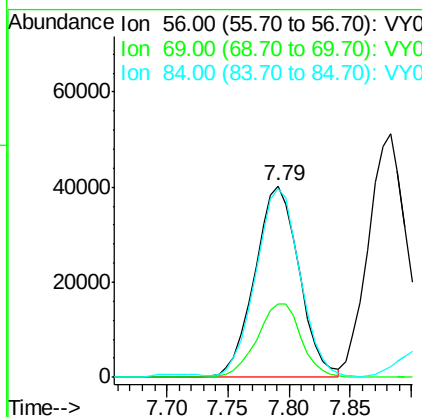
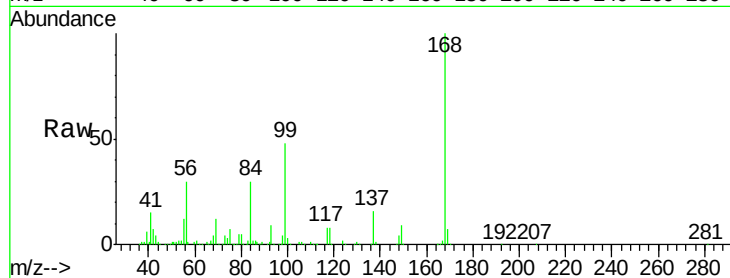
ClientSampleId :

VY0602SBSD01

Tot Ion	56	Resp	101781
Ion	Ratio	Lower	Upper
56	100		
69	37.9	28.0	42.0
84	96.7	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.927 ug/l

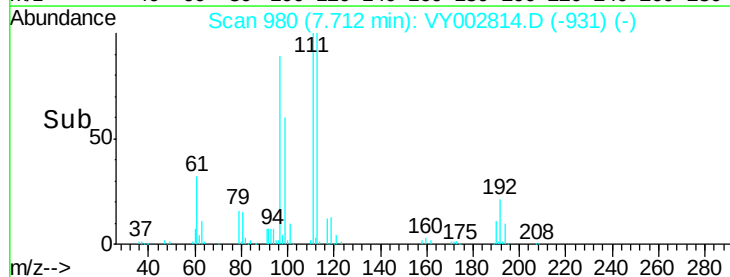
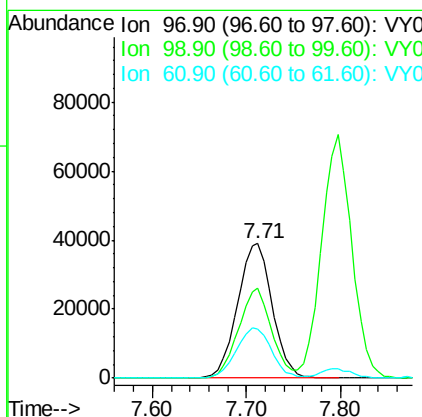
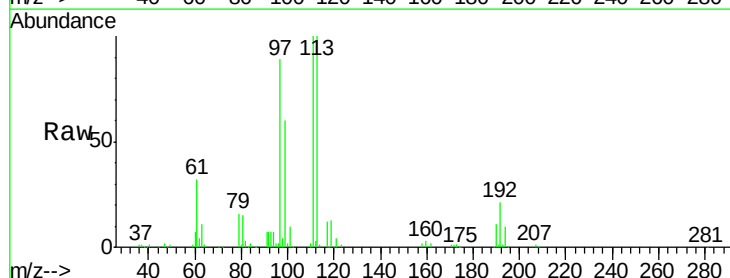
RT: 7.71 min Scan# 980

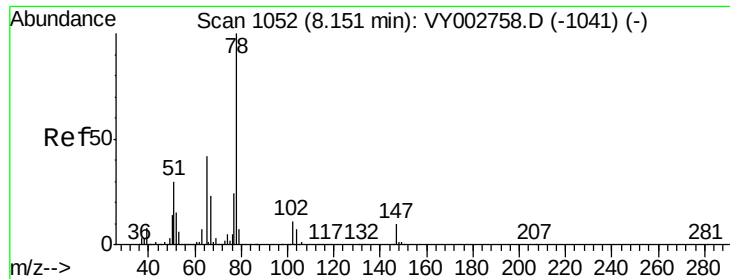
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion	97	Resp	100245
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	37.6	30.1	45.1





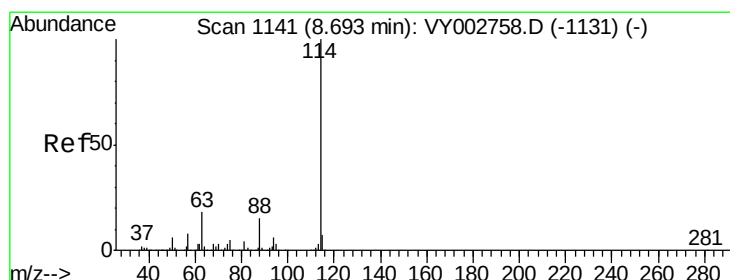
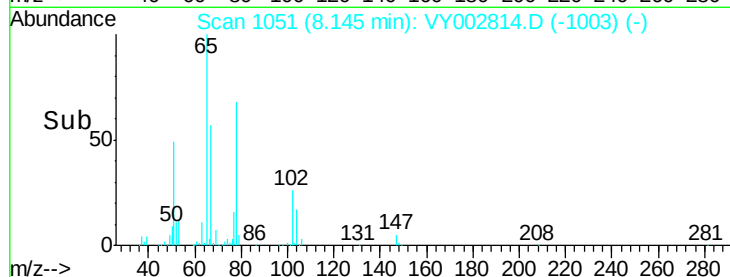
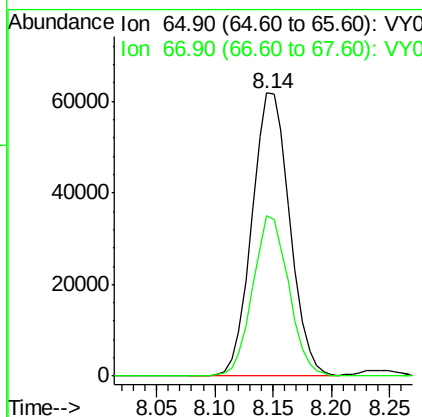
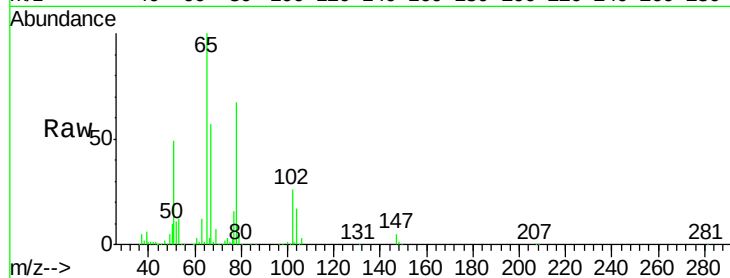
#33
 1,2-Dichloroethane-d4
 Concen: 49.339 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	111.0	

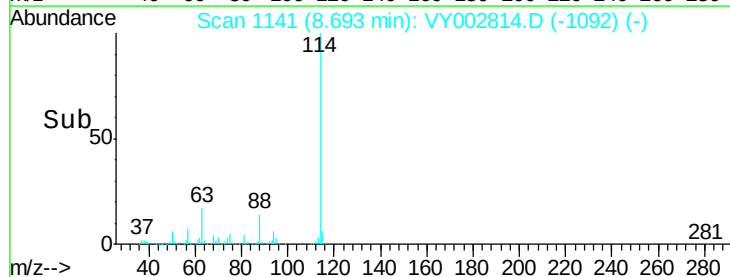
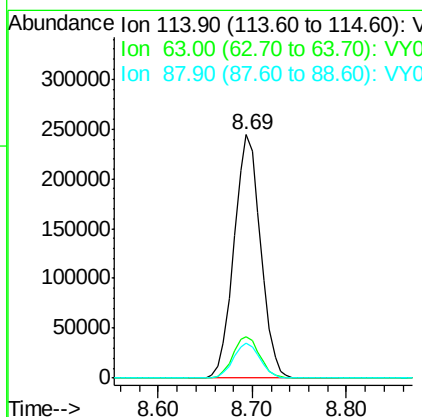
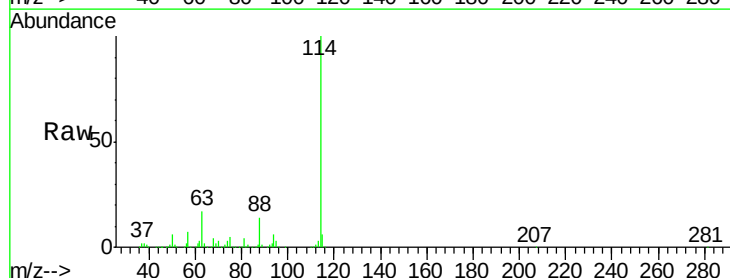
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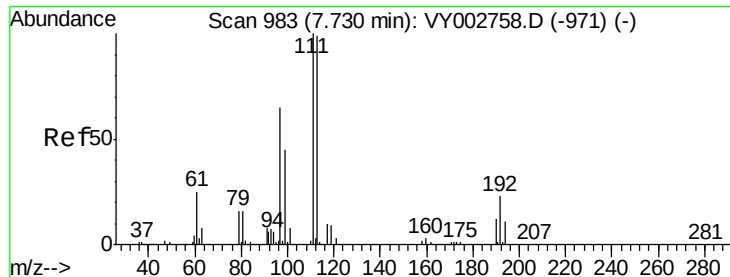
MMDadoda
 6/3/2020 11:31:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.1	0.0	35.2	
88	14.2	0.0	29.2	





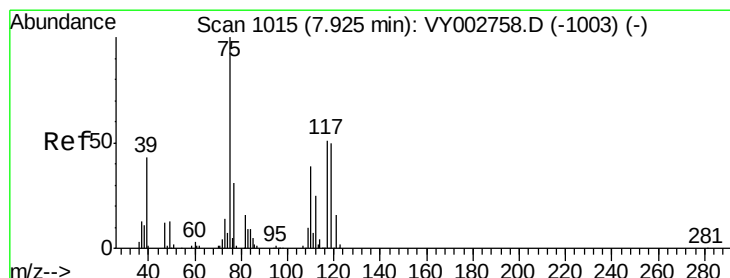
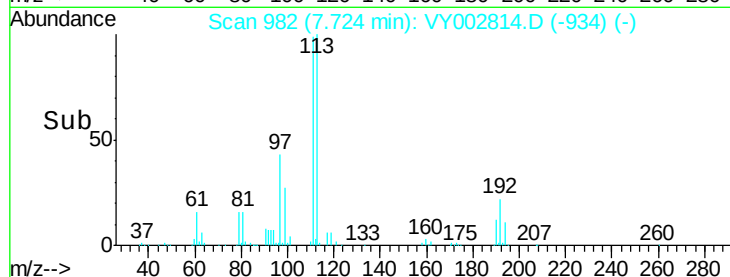
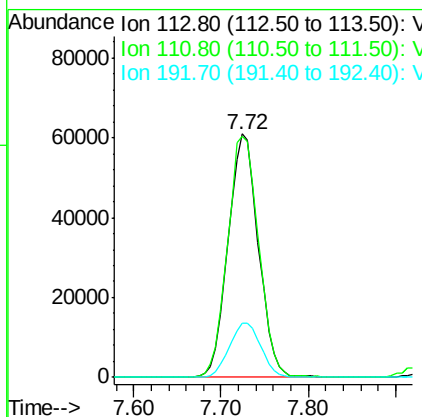
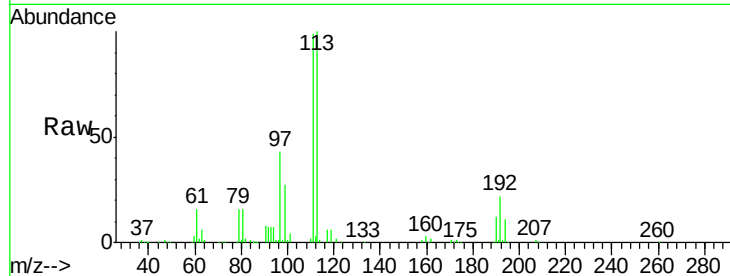
#35
 Dibromofluoromethane
 Concen: 52.814 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146950		
111	101.9	82.0	123.0	
192	23.3	18.9	28.3	

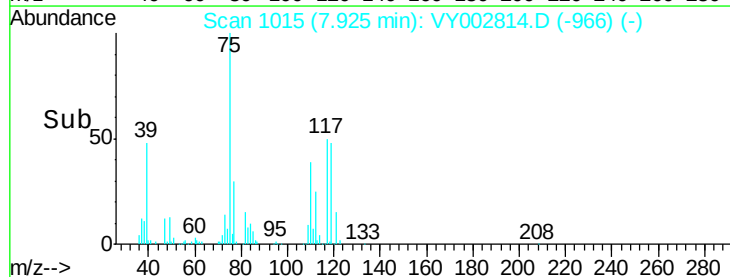
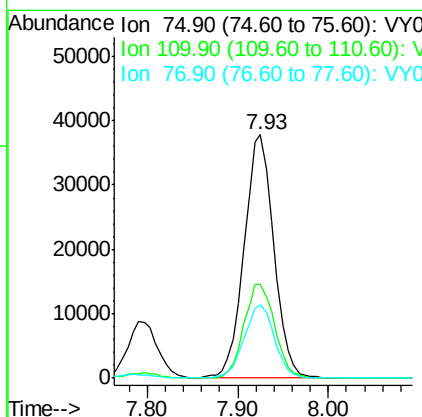
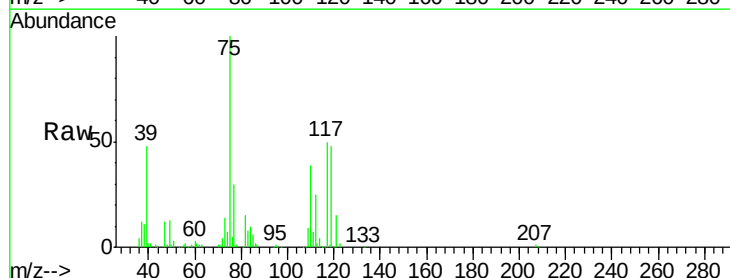
Manual Integrations
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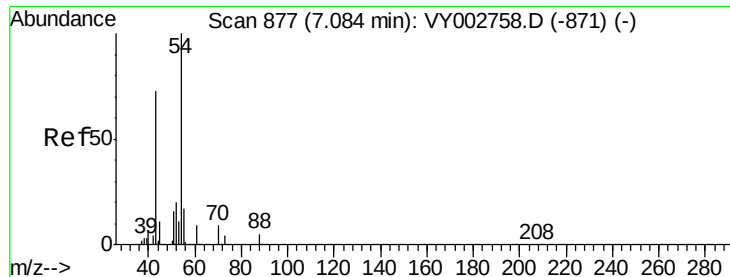
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 6/3/2020 11:31:36 AM



#36
 1,1-Dichloropropene
 Concen: 21.415 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85645		
110	39.8	19.3	57.9	
77	30.9	24.8	37.2	





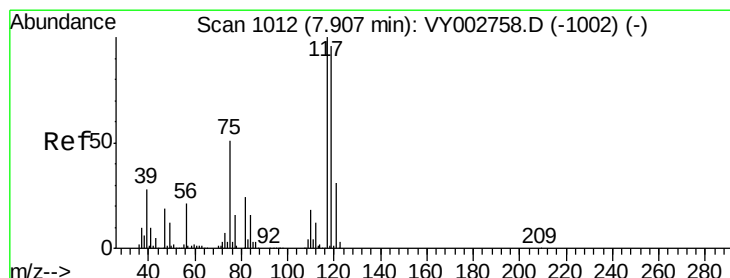
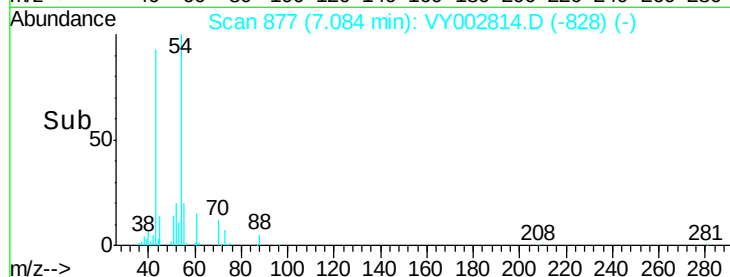
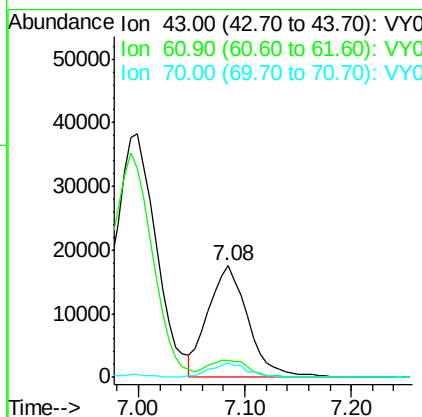
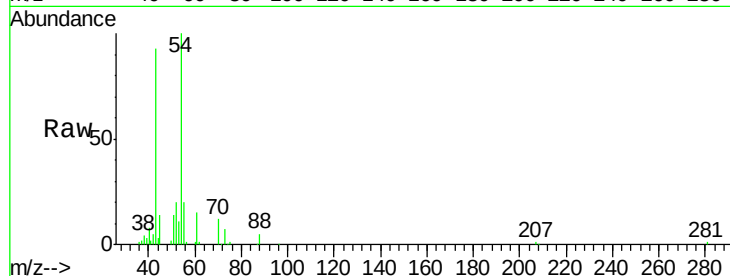
#37
Ethyl Acetate
Concen: 20.812 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.9	17.9
70	11.9	9.1	13.7

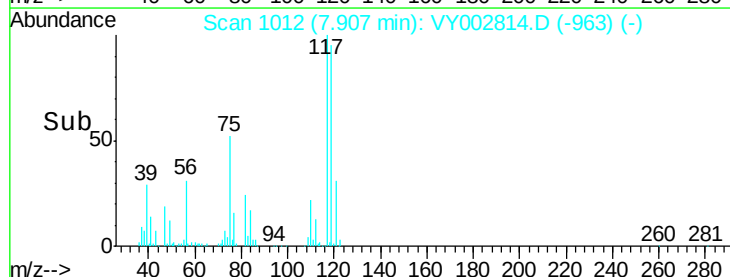
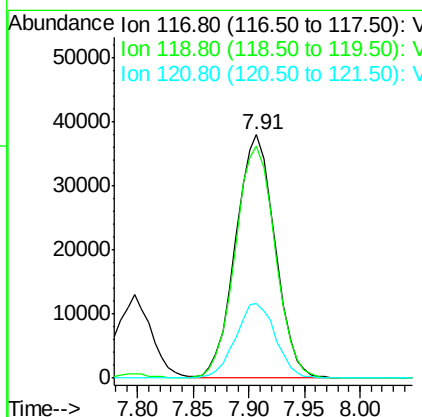
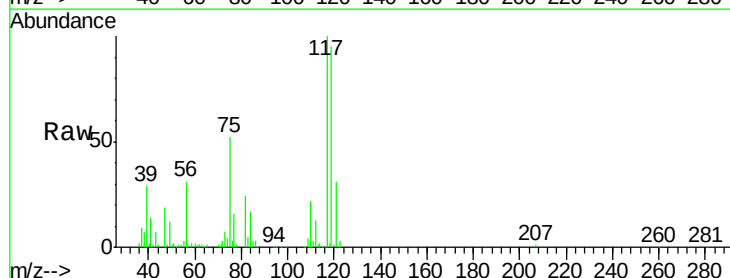
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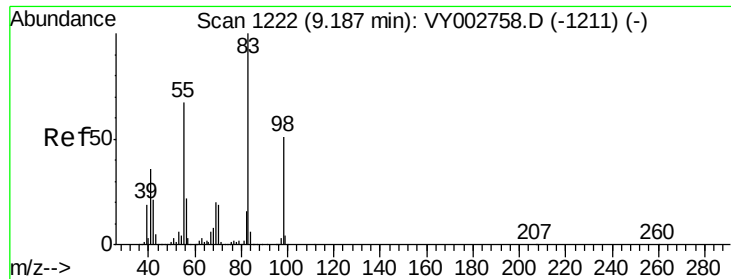
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#38
Carbon Tetrachloride
Concen: 21.096 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.8	115.2
121	30.5	24.8	37.2





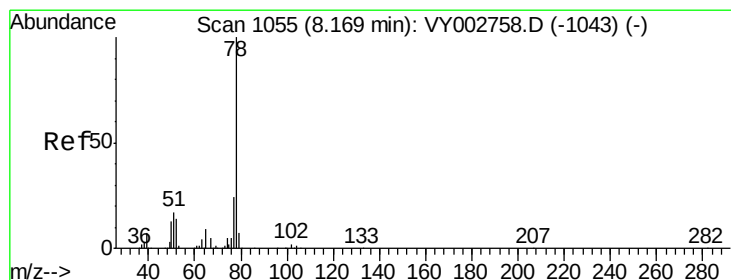
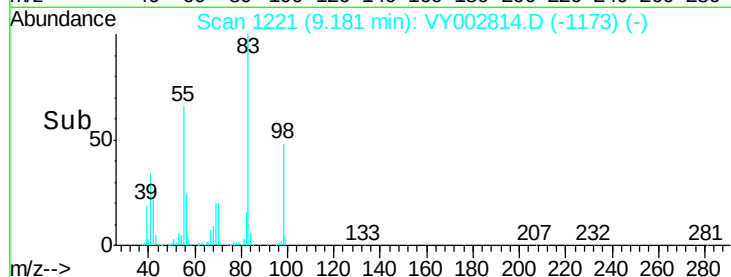
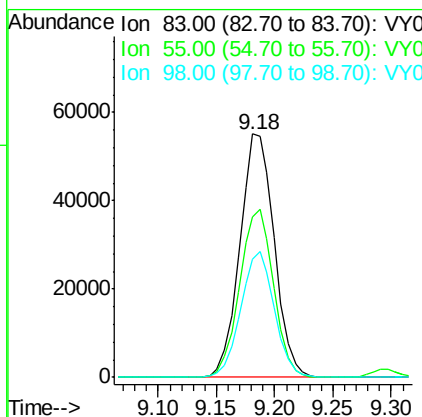
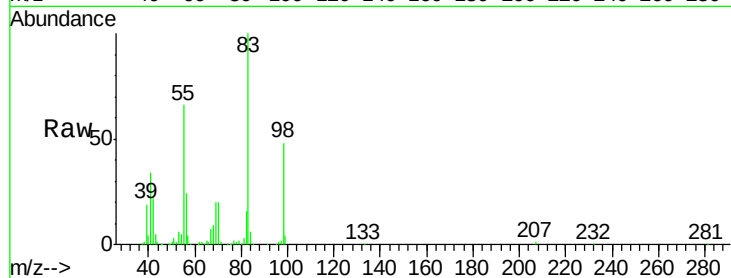
#39
Methylvlcyclohexane
Concen: 21.504 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	83	Resp	113358
Ion Ratio	Lower	Upper	
83	100		
55	66.1	53.3	79.9
98	48.4	41.1	61.7

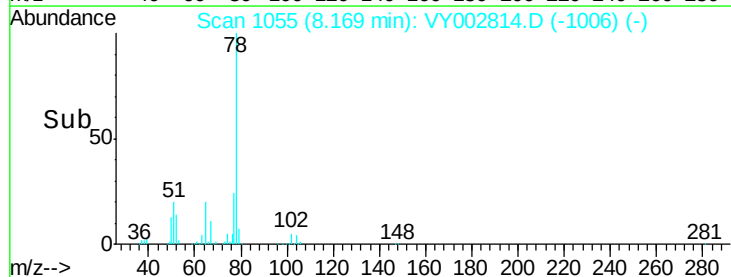
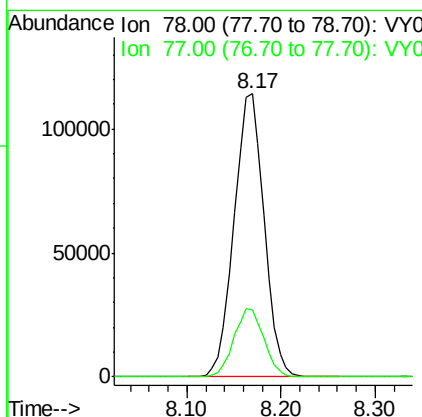
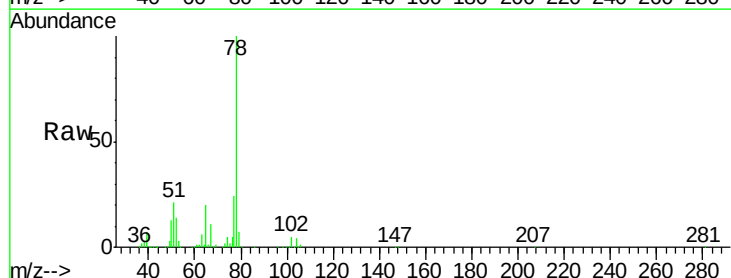
Manual Integrations
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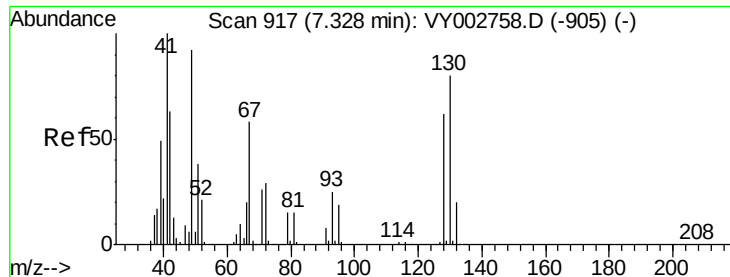
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#40
Benzene
Concen: 21.497 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	78	Resp	254037
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 19.807 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 41 Resp: 23154

Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

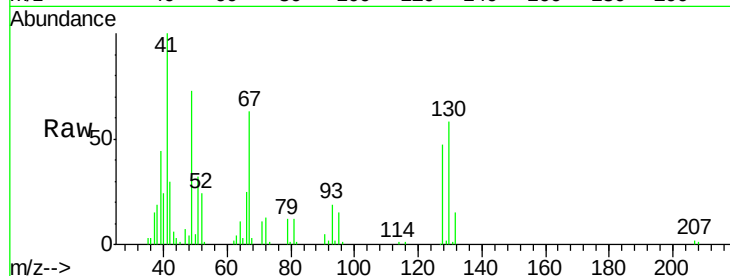
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda

6/3/2020 11:31:36 AM

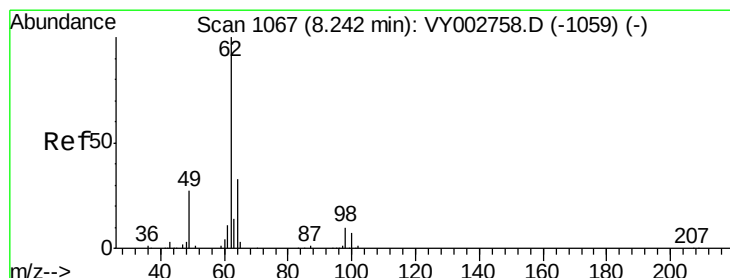
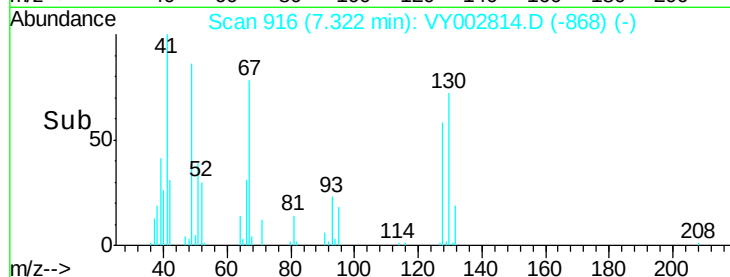
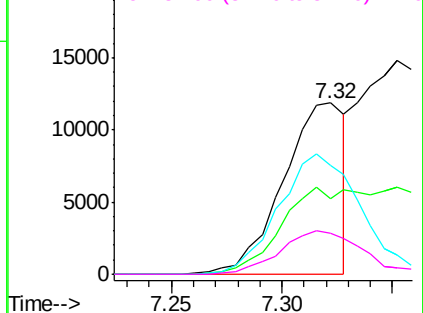


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.235 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002814.D

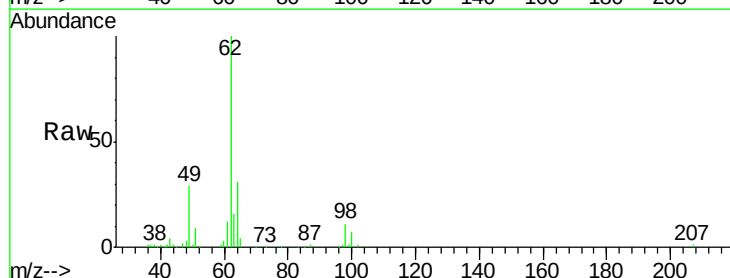
Acq: 02 Jun 2020 12:00

Tgt Ion: 62 Resp: 70329

Ion Ratio Lower Upper

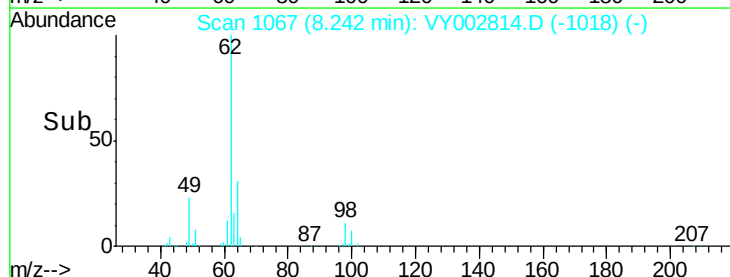
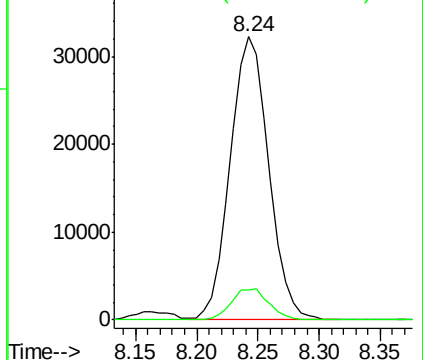
62 100

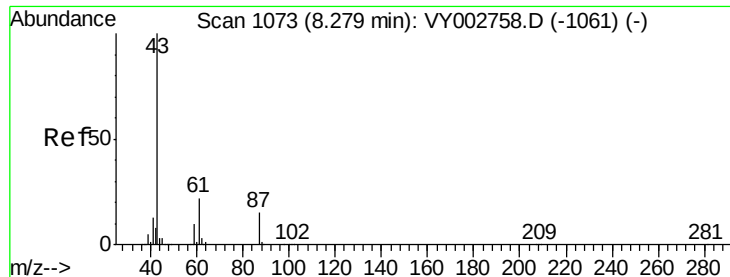
98 10.9 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.846 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

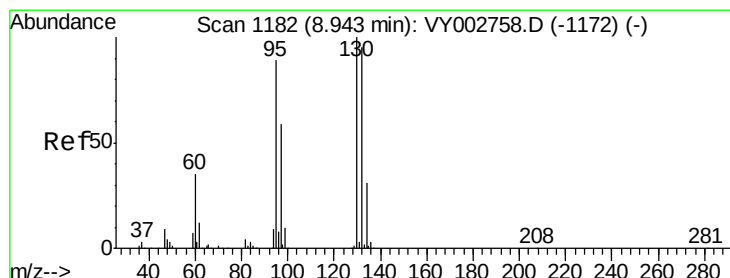
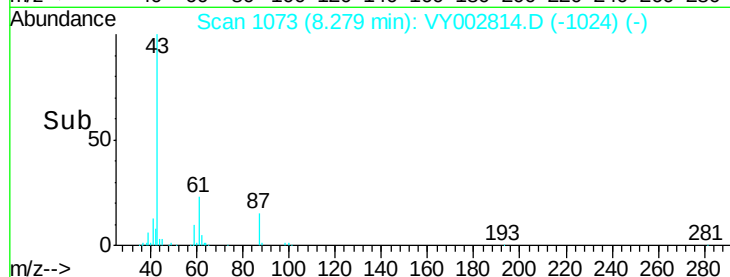
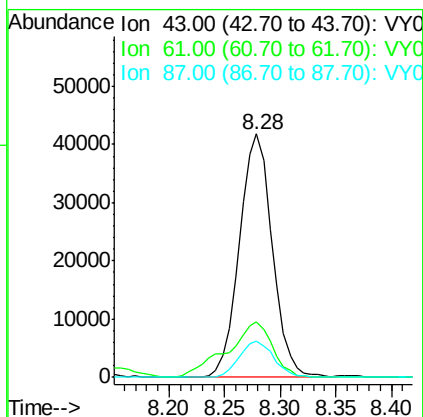
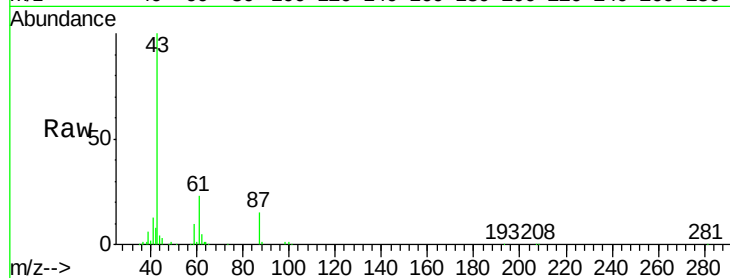
ClientSampleId :

VY0602SBSD01

Tot Ion:	43	Resp:	85960
Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.8	37.2
87	15.5	12.4	18.6

Manual Integrations
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MMDadoda
6/3/2020 11:31:36 AM



#44

Trichloroethene

Concen: 21.040 ug/l

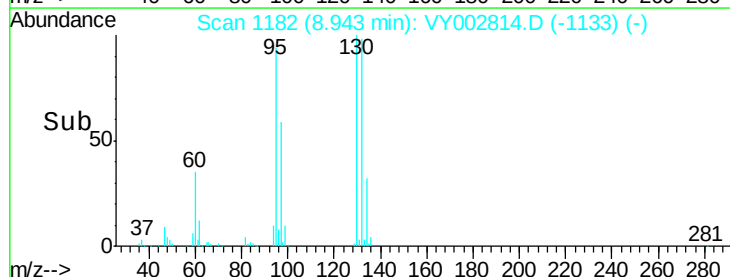
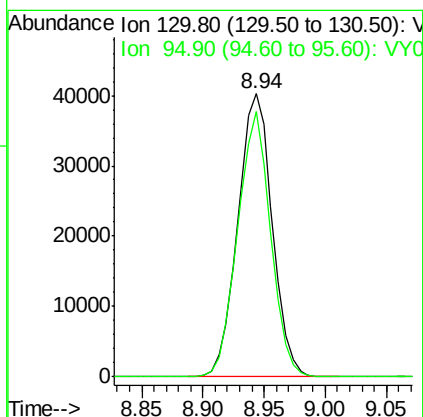
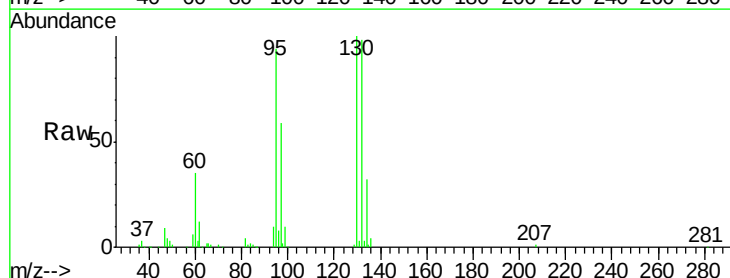
RT: 8.94 min Scan# 1182

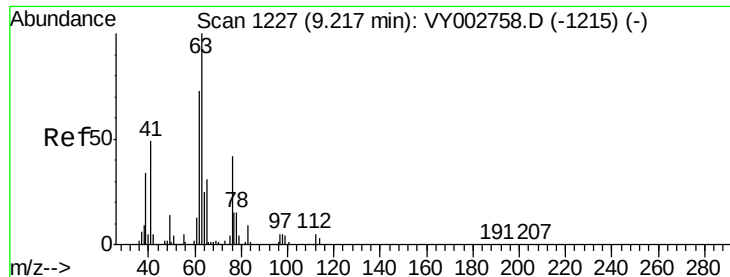
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	130	Resp:	78537
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	178.8





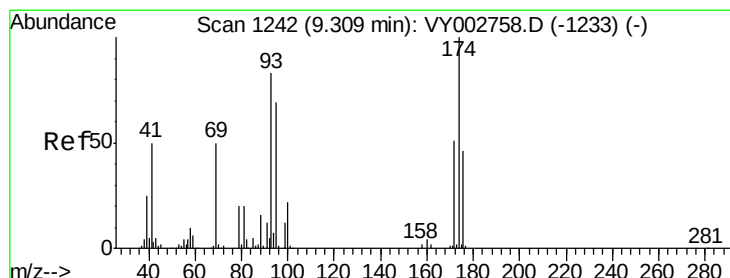
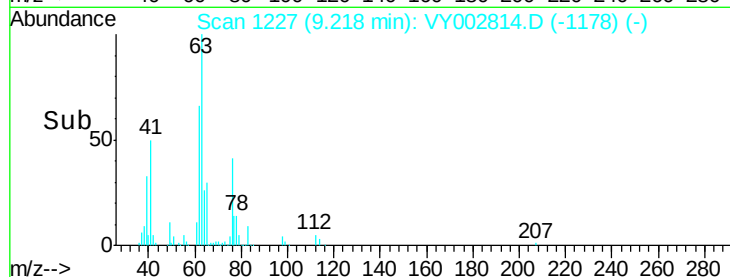
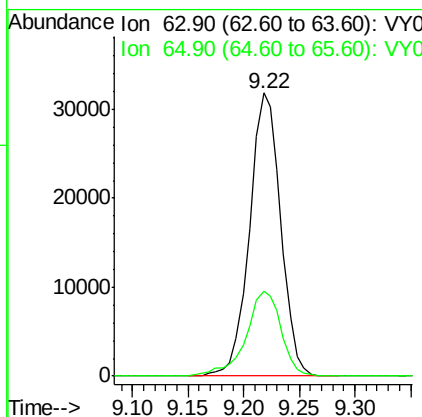
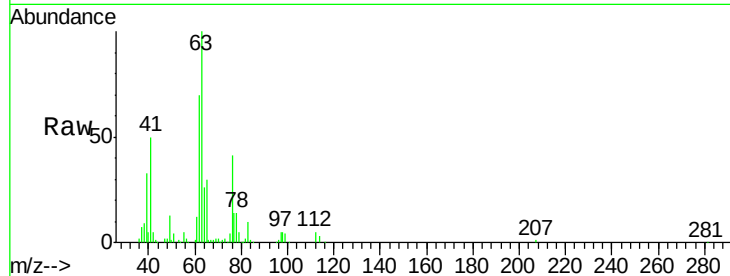
#45
 1,2-Dichloropropane
 Concen: 21.864 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	63	Resp	61960
Ion Ratio	Lower	Upper	
63	100		
65	30.1	24.8	37.2

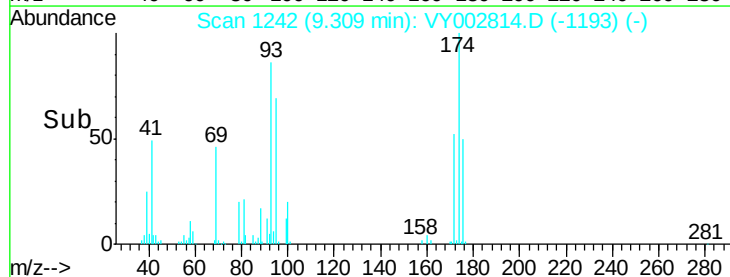
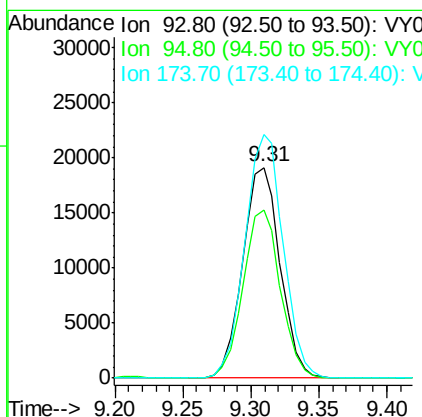
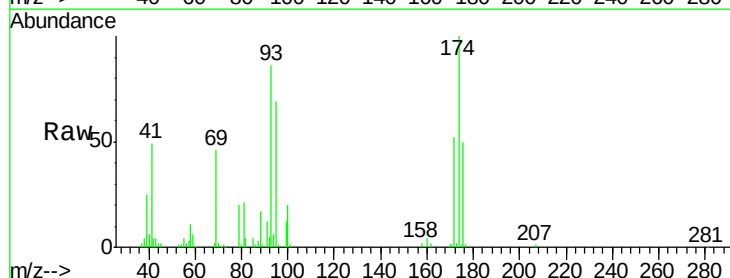
Manual Integrations
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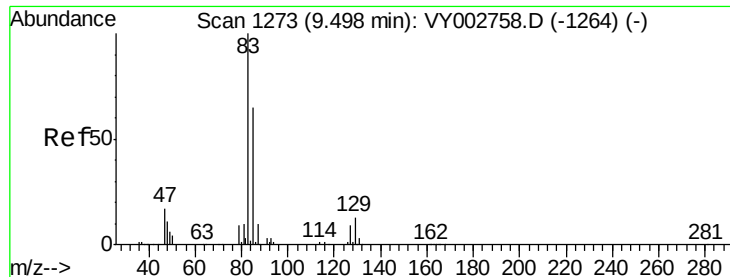
MMDadoda
 6/3/2020 11:31:36 AM



#46
 Dibromomethane
 Concen: 21.897 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	93	Resp	36854
Ion Ratio	Lower	Upper	
93	100		
95	79.6	66.9	100.3
174	118.5	97.7	146.5





#47

Bromodichloromethane

Concen: 21.715 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

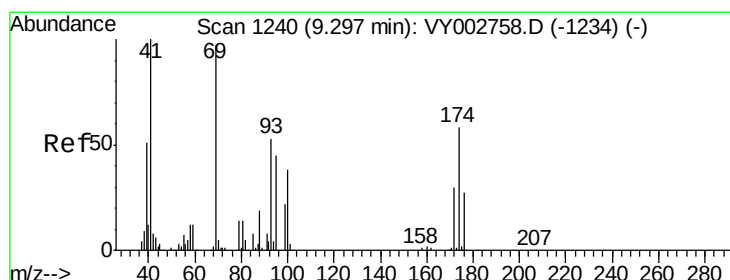
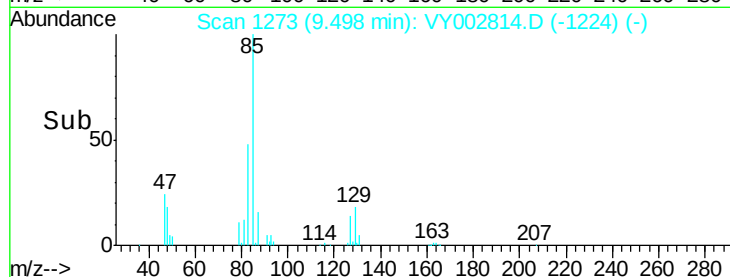
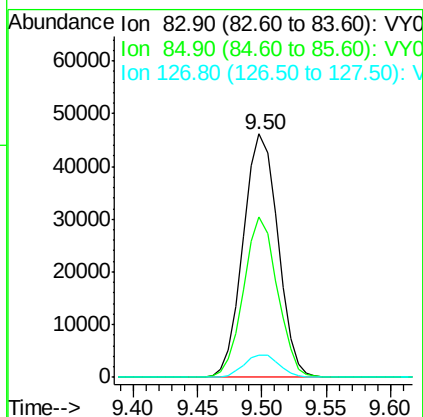
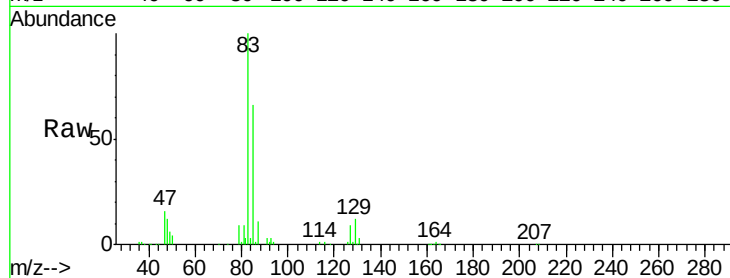
ClientSampleId :

VY0602SBSD01

Tot Ion:	83	Resp:	86160
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9
127	8.9	7.1	10.7

Manual Integrations
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MMDadoda
6/3/2020 11:31:36 AM



#48

Methyl methacrylate

Concen: 21.016 ug/l

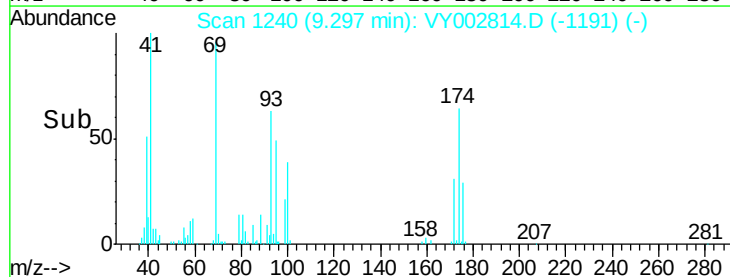
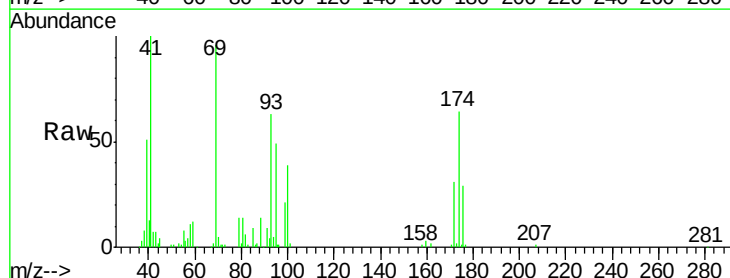
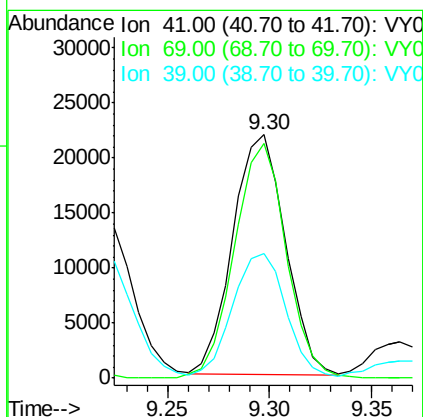
RT: 9.30 min Scan# 1240

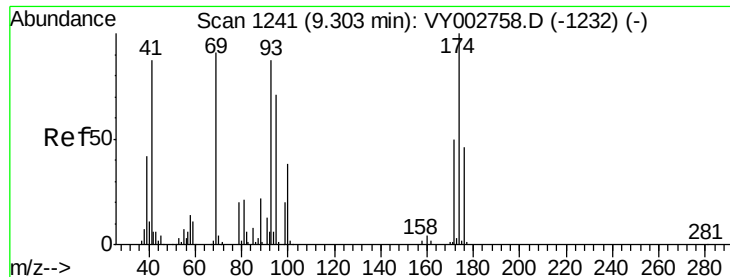
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	41	Resp:	39120
Ion	Ratio	Lower	Upper
41	100		
69	96.1	79.7	119.5
39	53.0	43.3	64.9





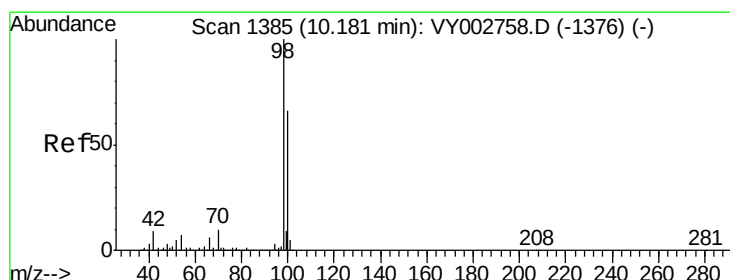
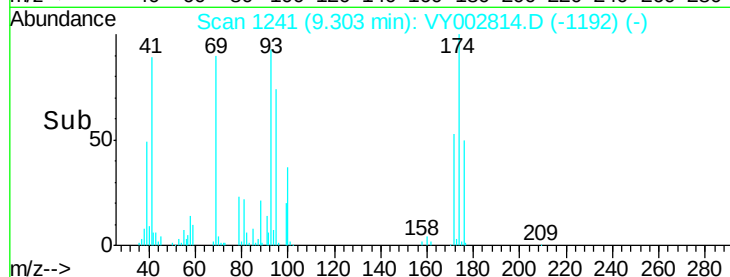
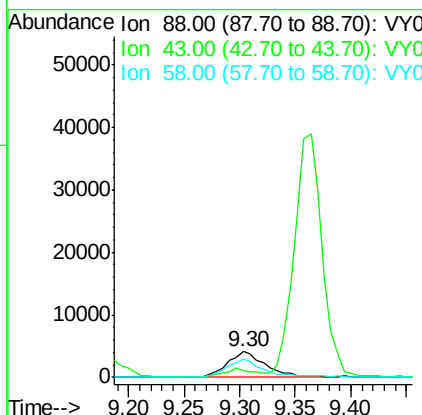
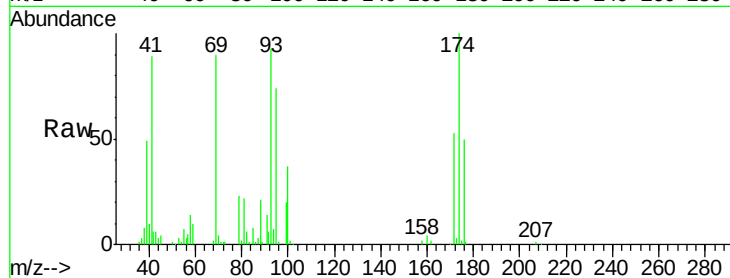
#49
1,4-Dioxane
Concen: 383.321 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	88	Resp	9906
Ion	Ratio	Lower	Upper
88	100		
43	28.3	21.3	31.9
58	71.9	52.2	78.2

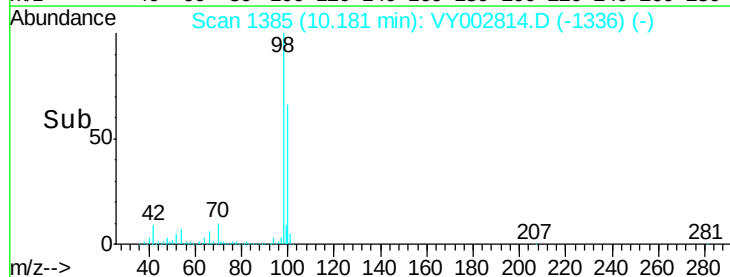
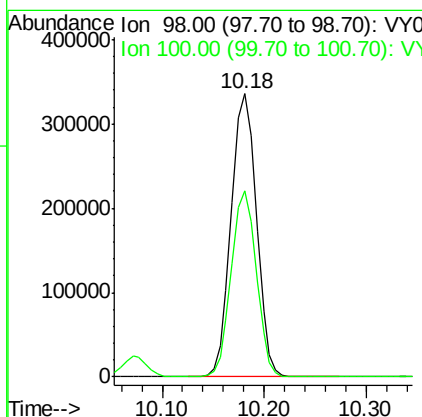
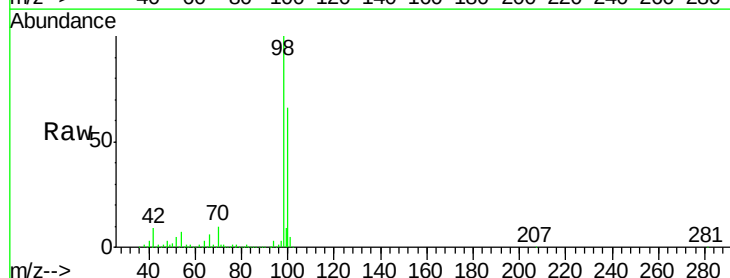
Manual Integrations
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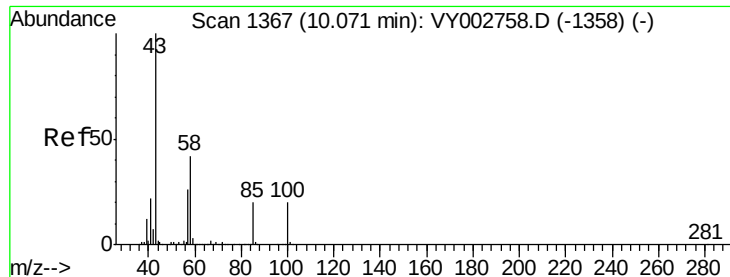
MMDadoda
6/3/2020 11:31:36 AM



#50
Toluene-d8
Concen: 51.246 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	98	Resp	576528
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





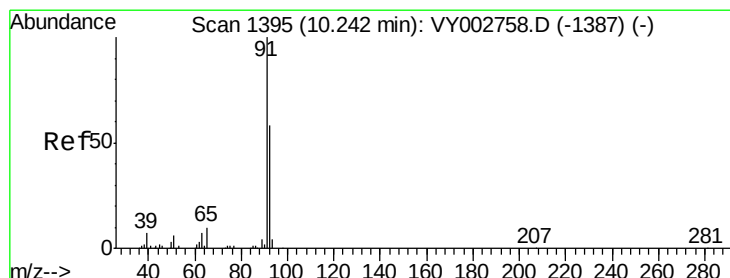
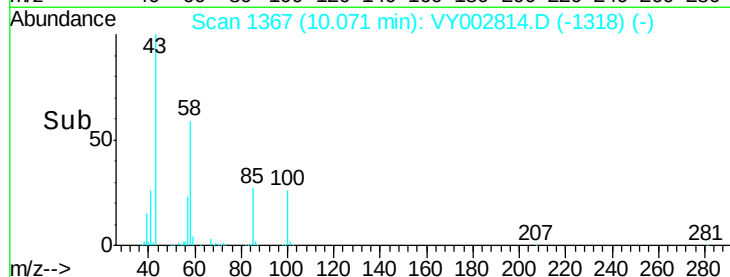
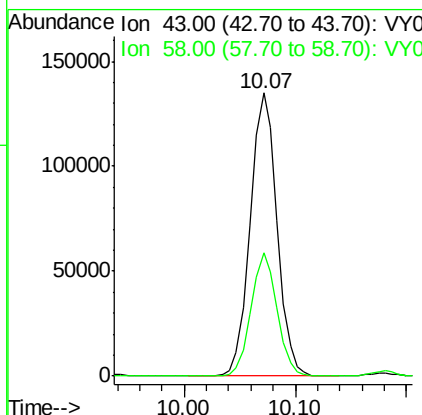
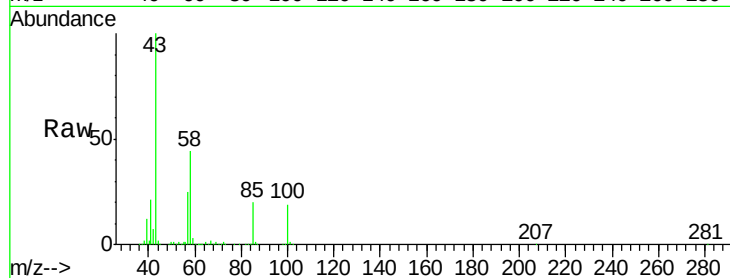
#51
4-Methyl-2-Pentanone
Concen: 103.470 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	43	Resp	225927
Ion Ratio	43	100	
Lower	58	42.3	34.2
Upper			51.2

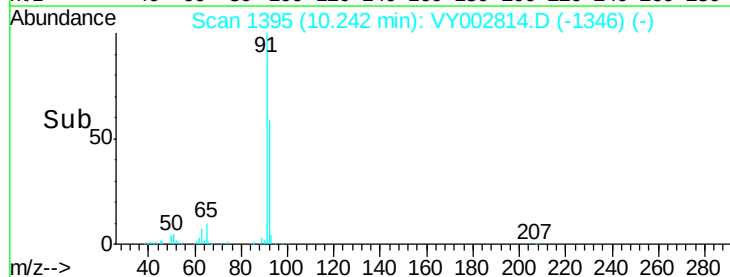
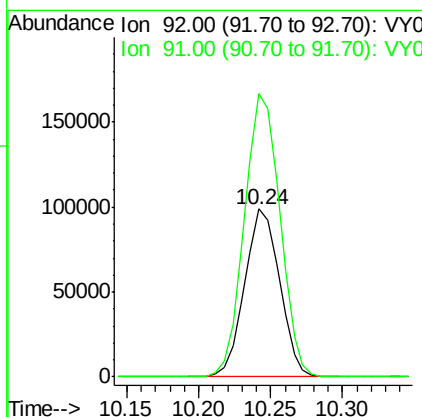
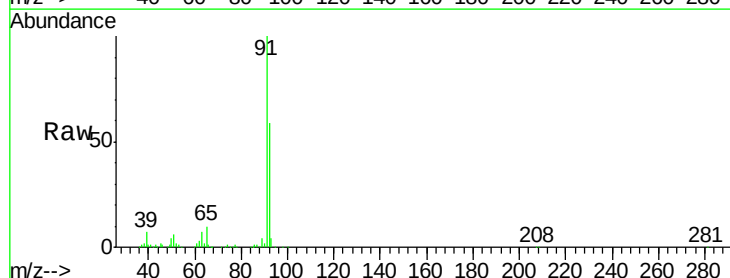
Manual Integrations
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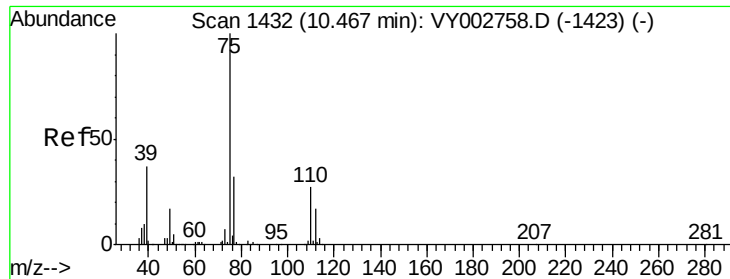
MMDadoda
6/3/2020 11:31:36 AM



#52
Toluene
Concen: 21.482 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	92	Resp	166069
Ion Ratio	92	100	
Lower	91	172.1	138.5
Upper			207.7





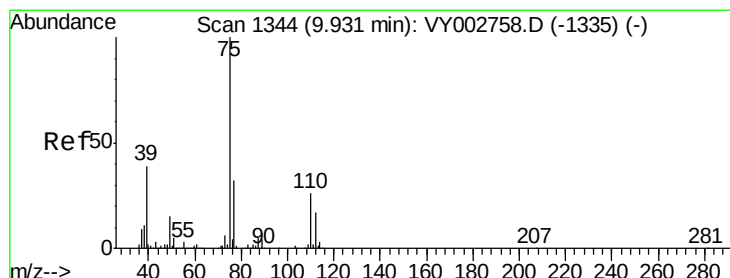
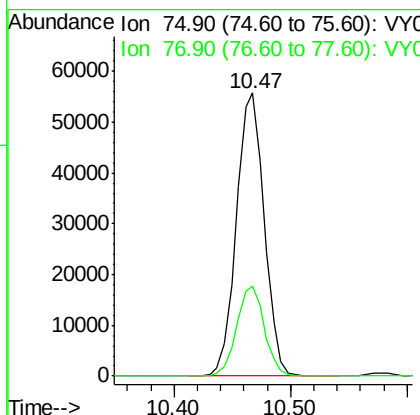
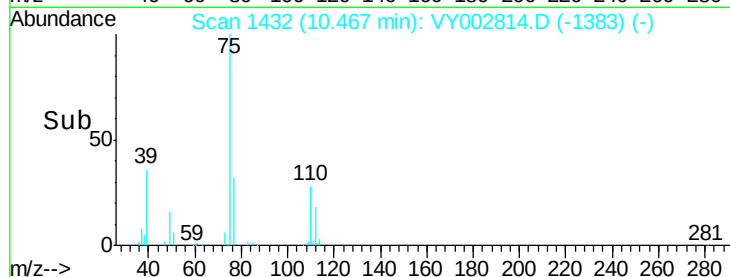
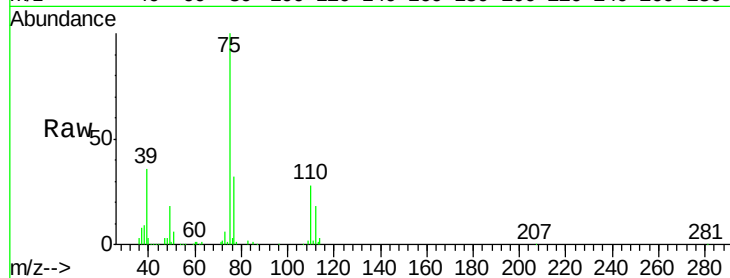
#53
t-1,3-Dichloropropene
Concen: 21.432 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9

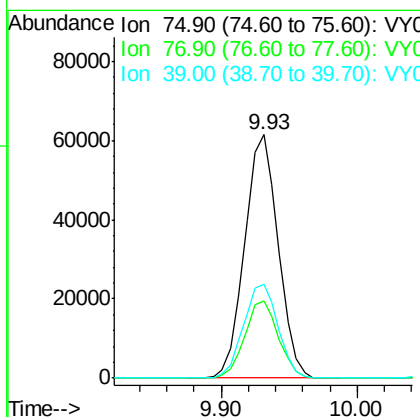
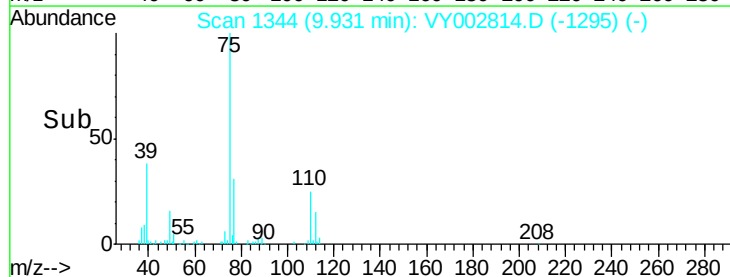
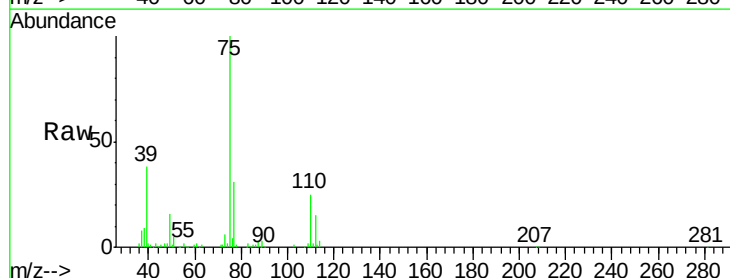
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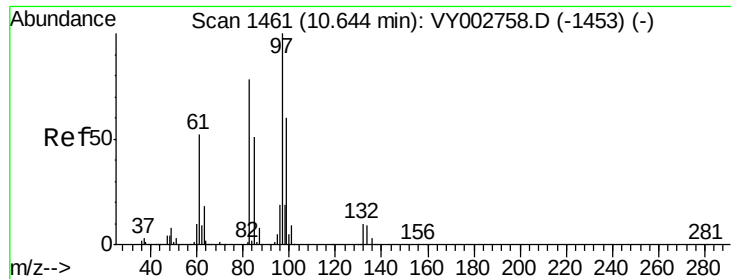
MMDadoda
6/3/2020 11:31:36 AM



#54
cis-1,3-Dichloropropene
Concen: 21.586 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4
39	38.4	31.3	46.9





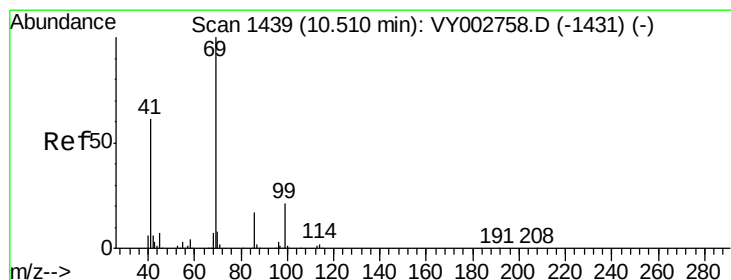
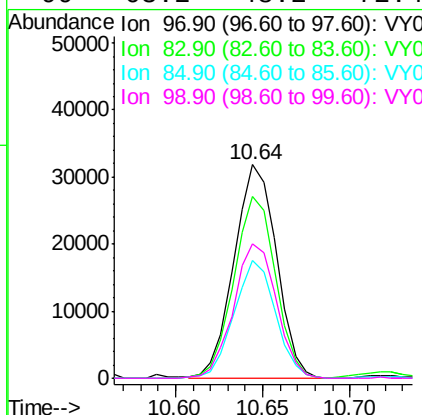
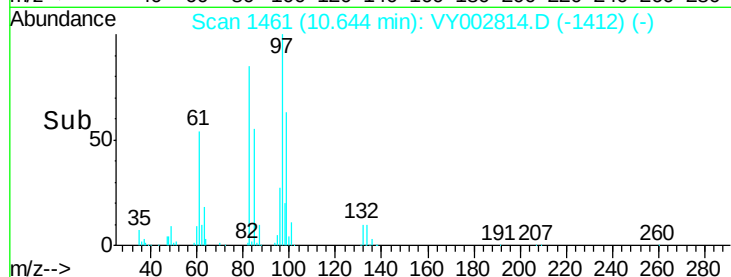
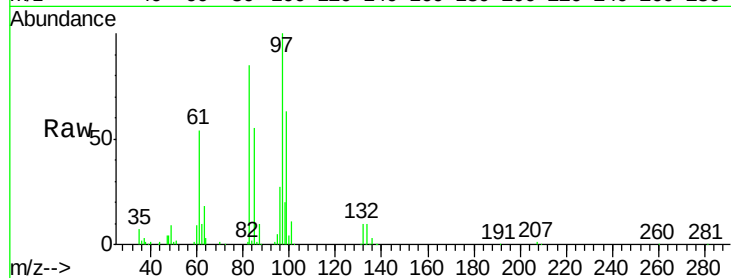
#55
 1,1,2-Trichloroethane
 Concen: 20.768 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion:	97	Resp:	53512
Ion	Ratio	Lower	Upper
97	100		
83	85.0	62.7	94.1
85	55.5	40.6	60.8
99	63.2	48.2	72.4

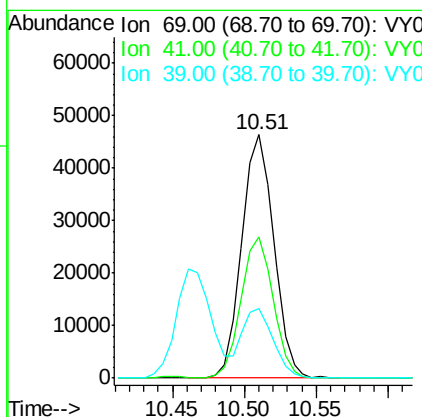
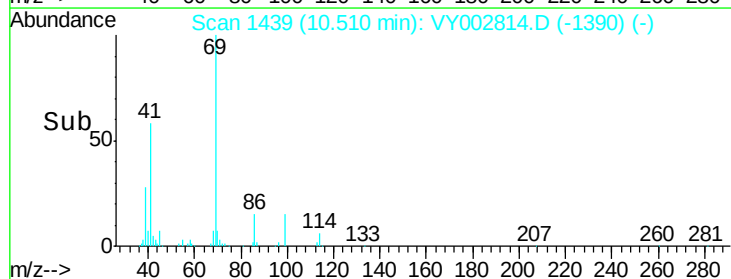
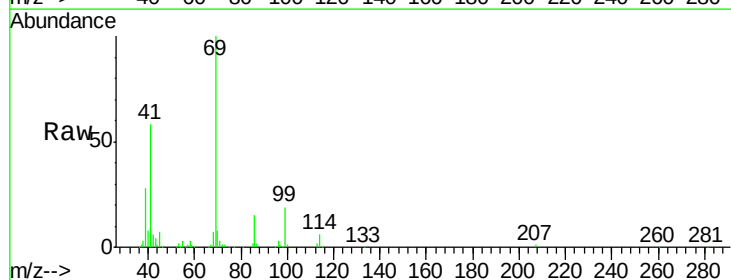
Manual Integrations
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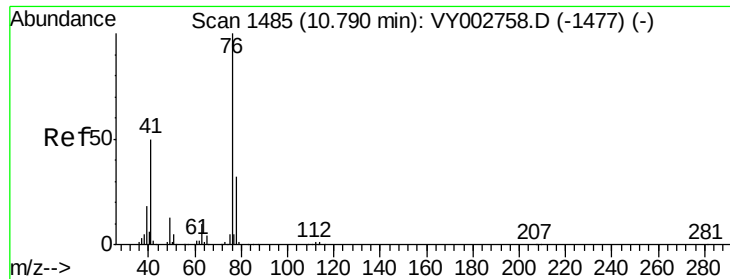
MMDadoda
 6/3/2020 11:31:36 AM



#56
 Ethyl methacrylate
 Concen: 20.784 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion:	69	Resp:	71729
Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.0	70.4
39	27.0	22.0	33.0





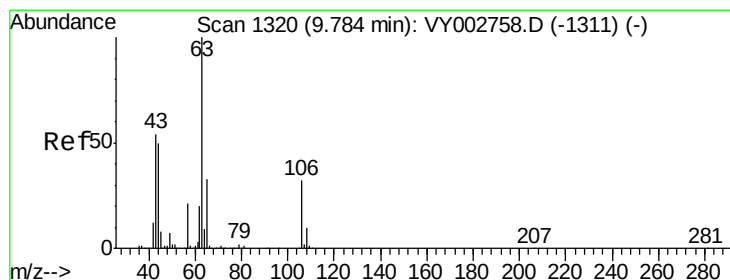
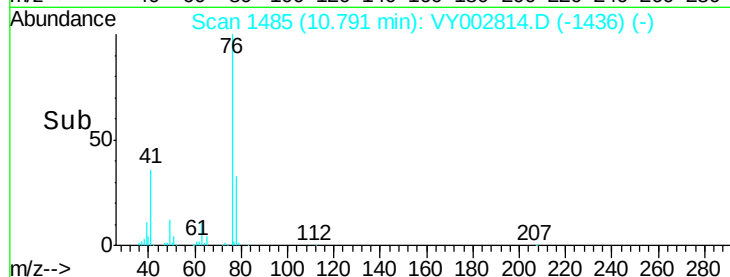
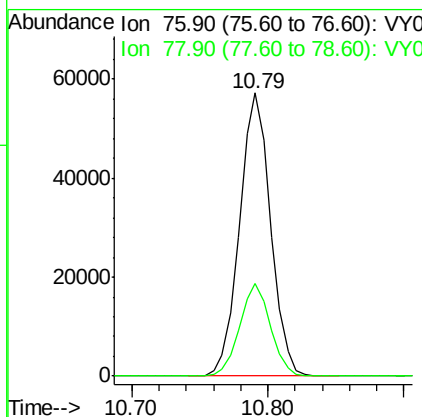
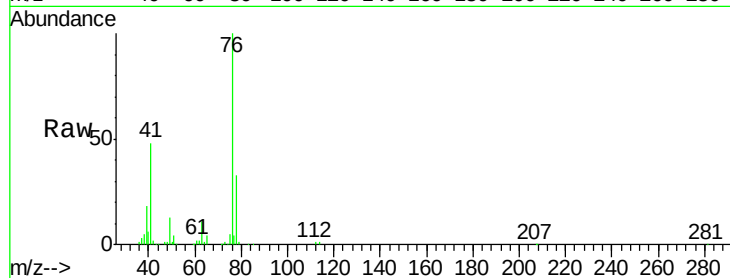
#57
 1,3-Dichloropropane
 Concen: 21.415 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

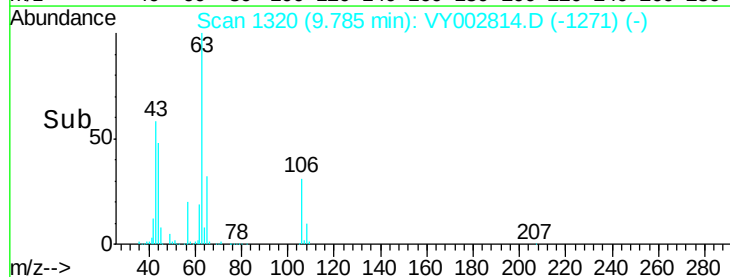
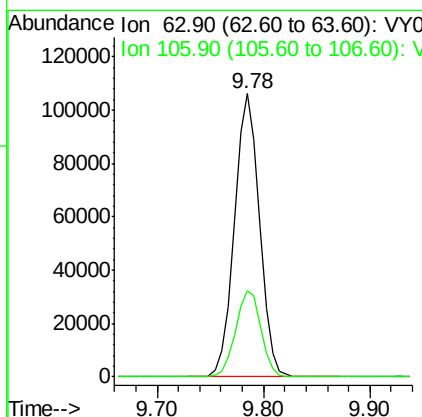
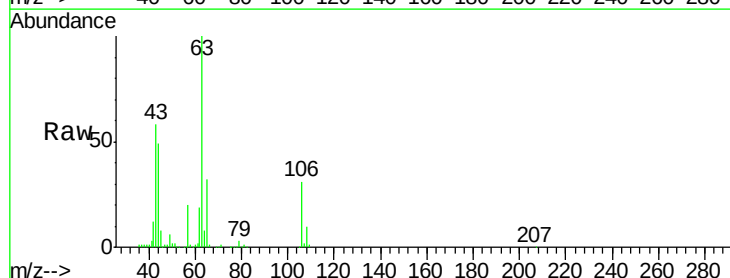
Manual Integrations
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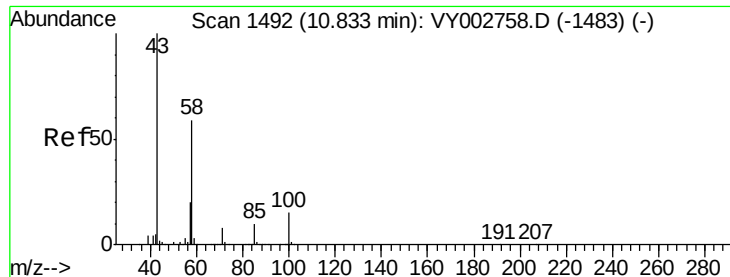
MMDadoda
 6/3/2020 11:31:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.735 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	25.4	38.2





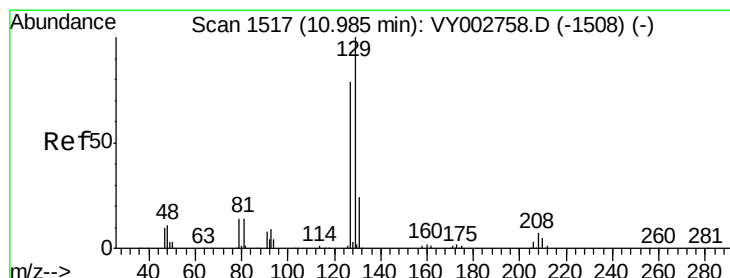
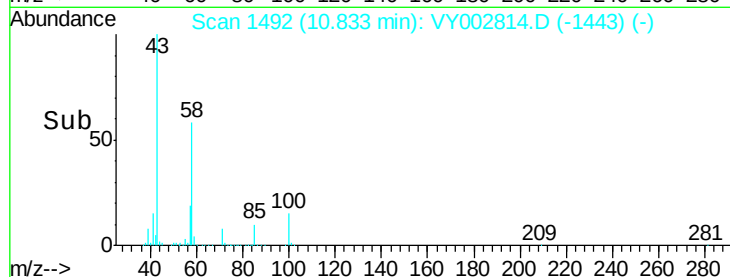
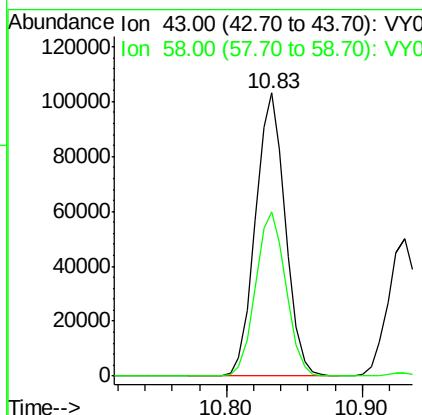
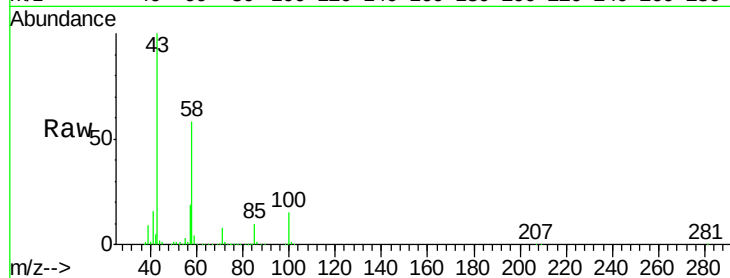
#59
2-Hexanone
Concen: 102.708 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion: 43 Resp: 159120
Ion Ratio Lower Upper
43 100
58 58.8 29.5 88.5

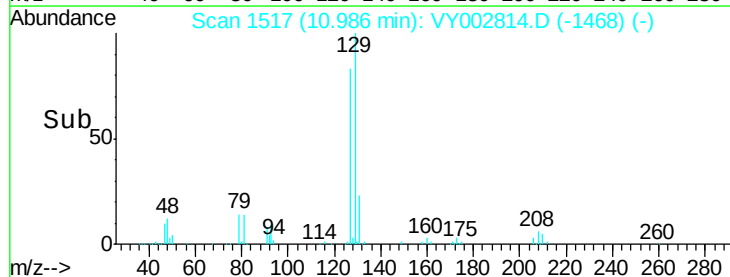
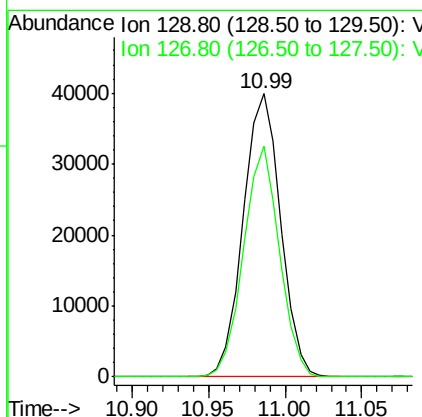
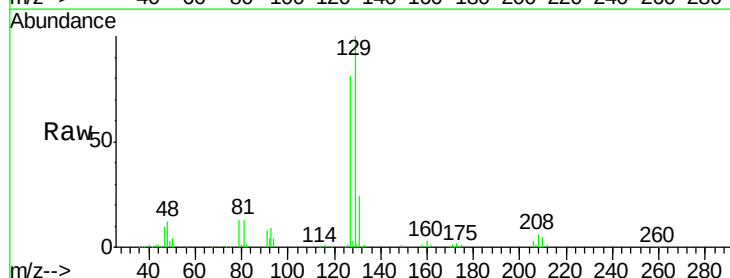
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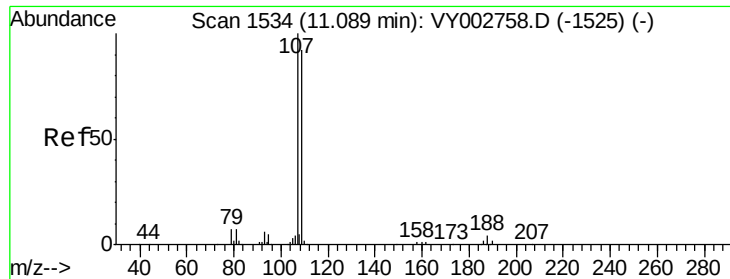
MMDadoda
6/3/2020 11:31:36 AM



#60
Dibromochloromethane
Concen: 20.731 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 129 Resp: 67724
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3





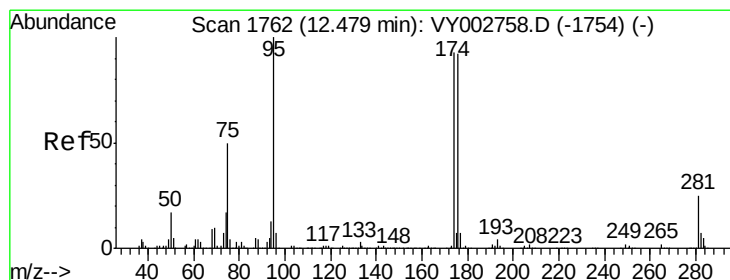
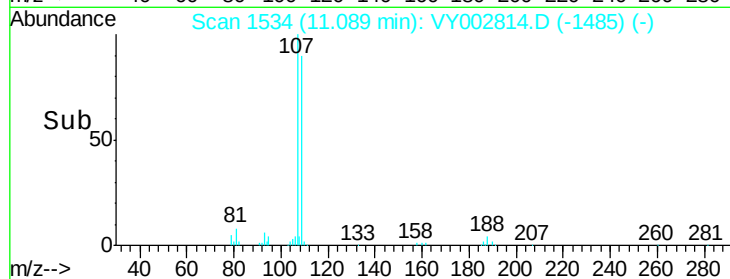
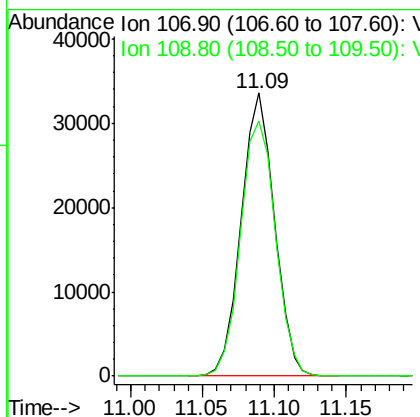
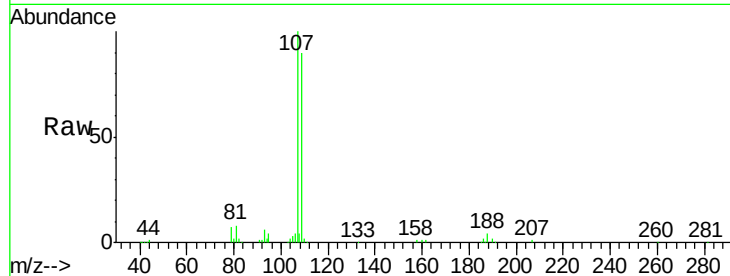
#61
 1,2-Dibromoethane
 Concen: 21.157 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.6	113.4

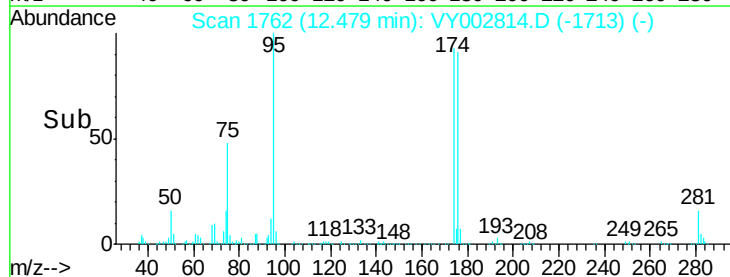
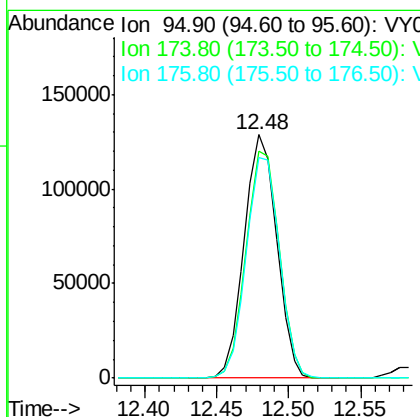
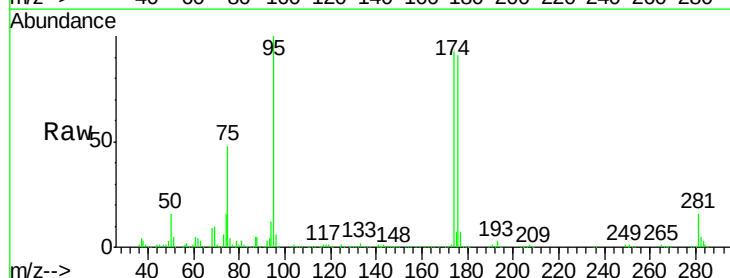
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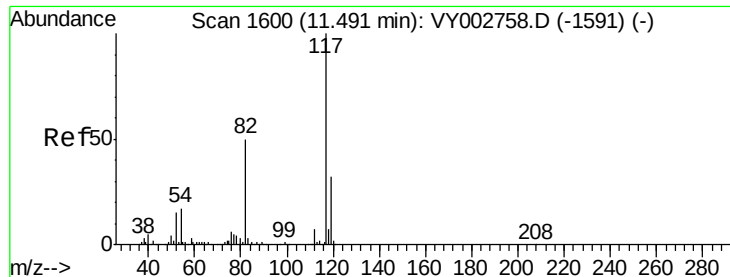
MMDadoda
 6/3/2020 11:31:36 AM



#62
 4-Bromofluorobenzene
 Concen: 52.455 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	191.2
176	92.6	0.0	188.8





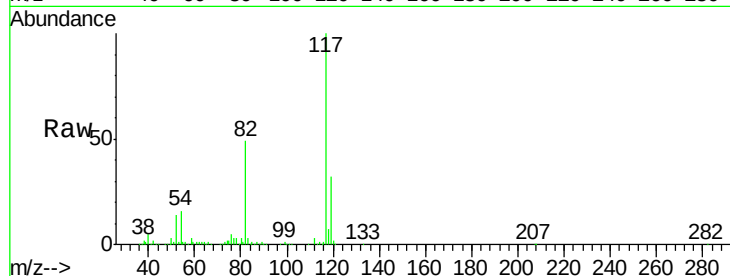
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	40.2	60.4
119	32.0	25.8	38.8

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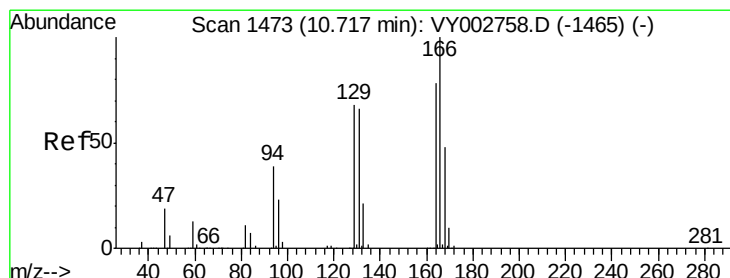
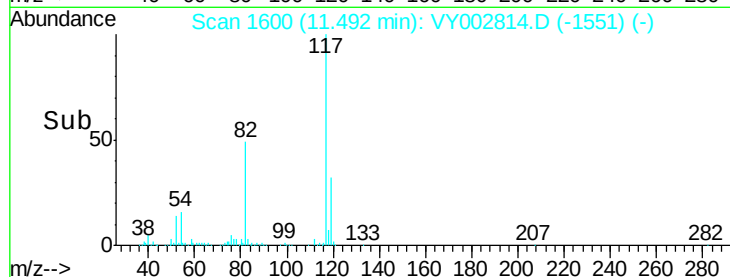
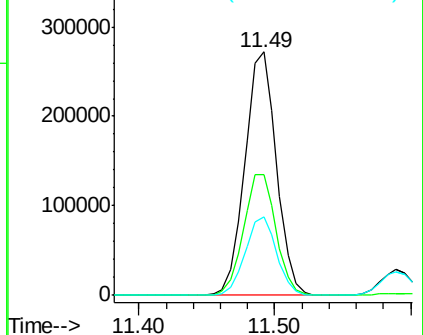


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.853 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.3	153.5
129	88.9	69.4	104.2
131	85.8	67.8	101.6

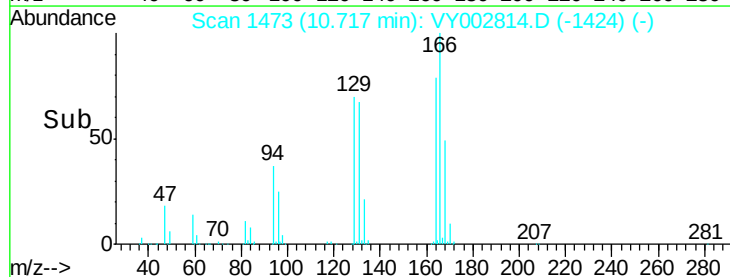
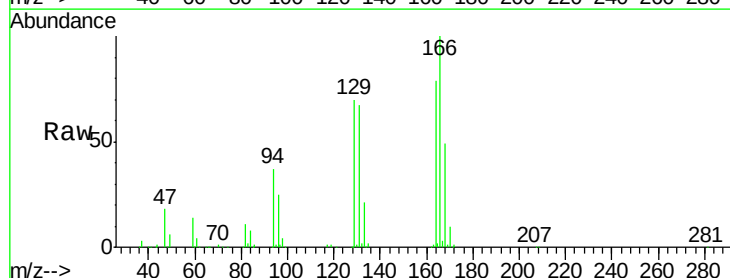
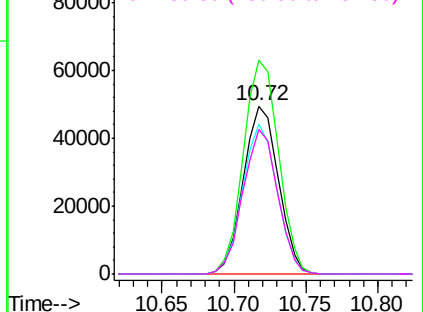
Abundance

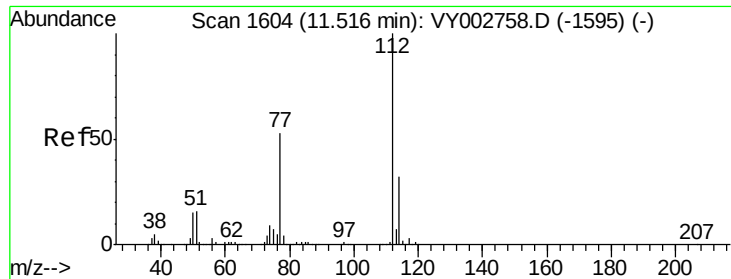
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





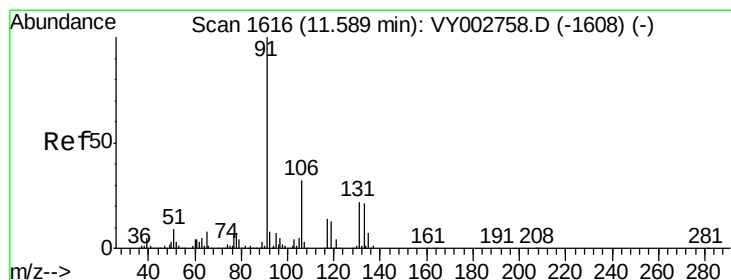
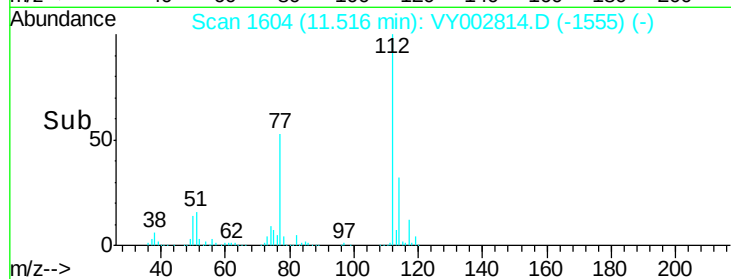
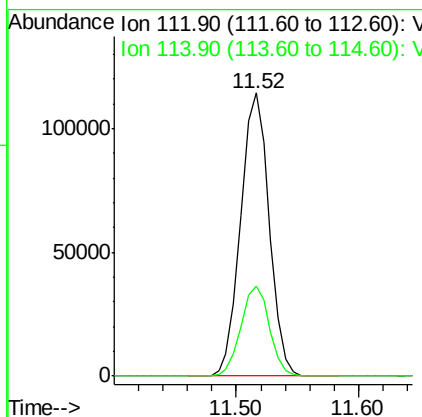
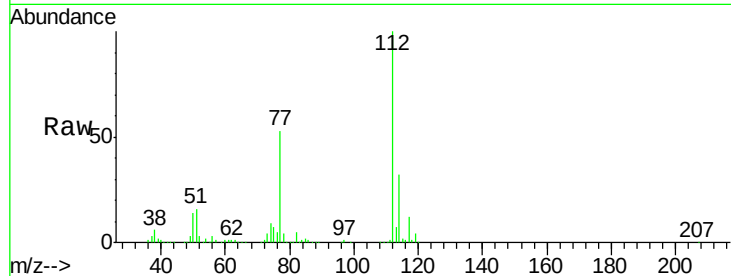
#65
Chlorobenzene
Concen: 21.253 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

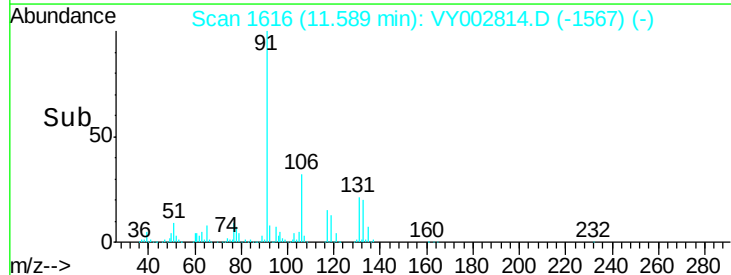
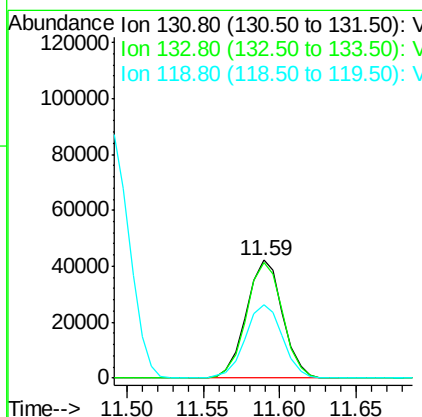
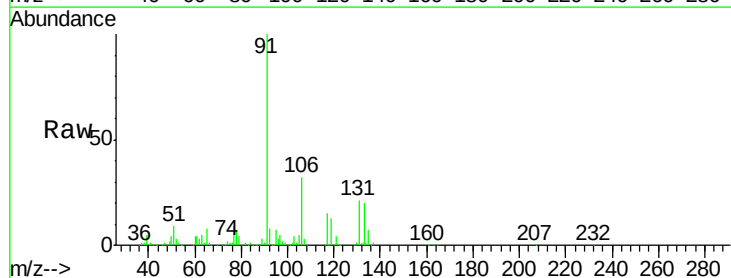
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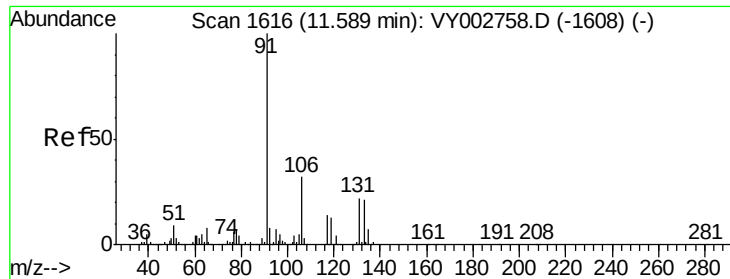
MMDadoda
6/3/2020 11:31:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.232 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.6	142.8
119	63.7	31.7	95.1





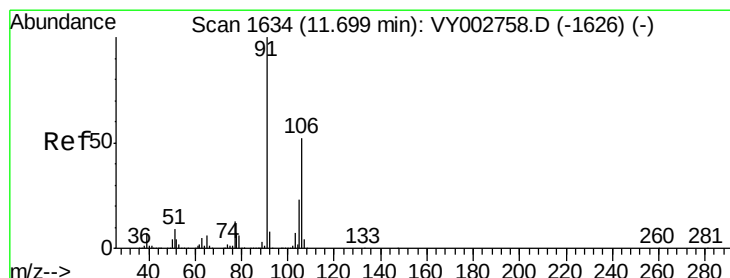
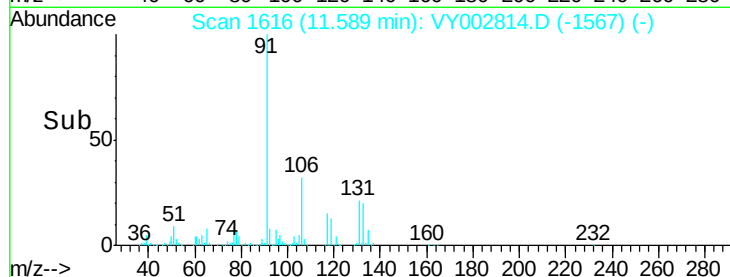
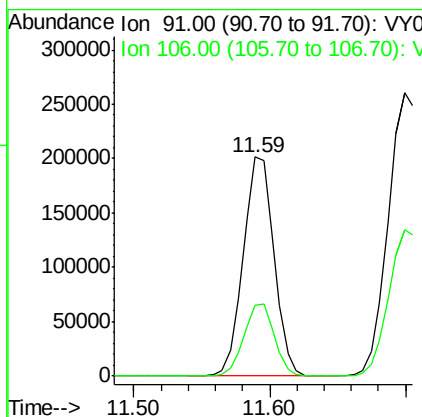
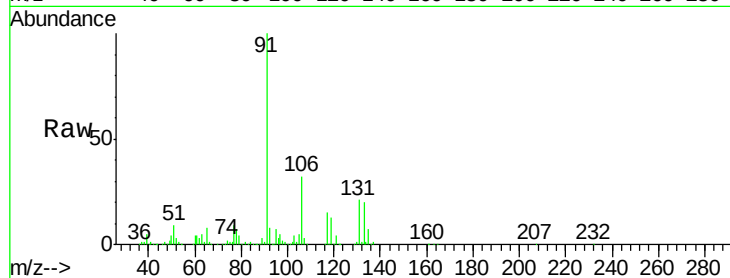
#67
Ethyl Benzene
Concen: 21.168 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.7	38.5

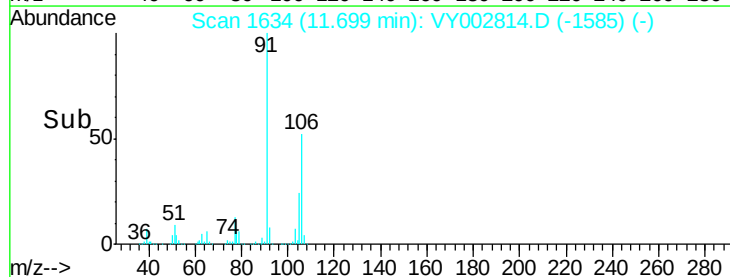
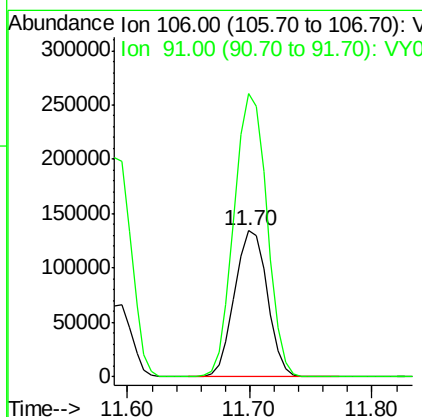
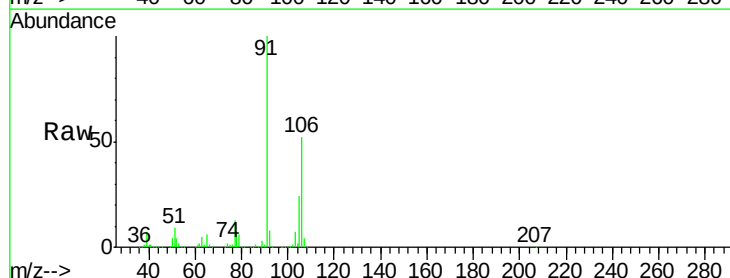
Manual Integrations
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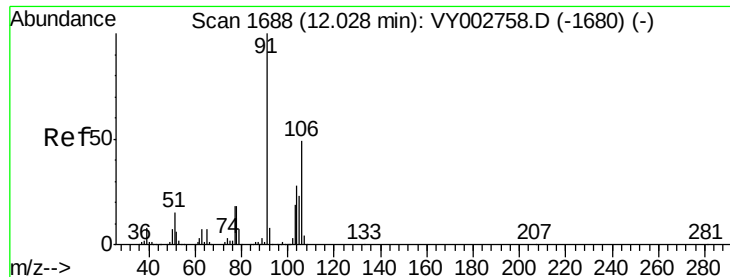
MMDadoda
6/3/2020 11:31:36 AM



#68
m/p-Xylenes
Concen: 42.873 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.9	156.0	234.0





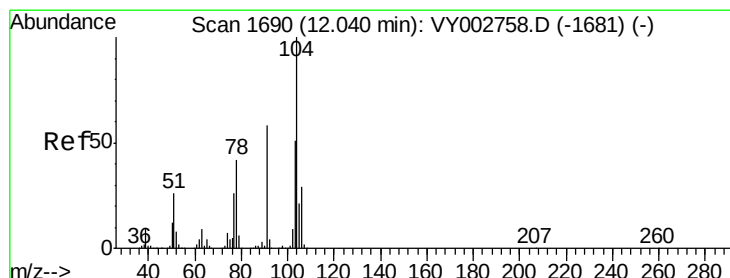
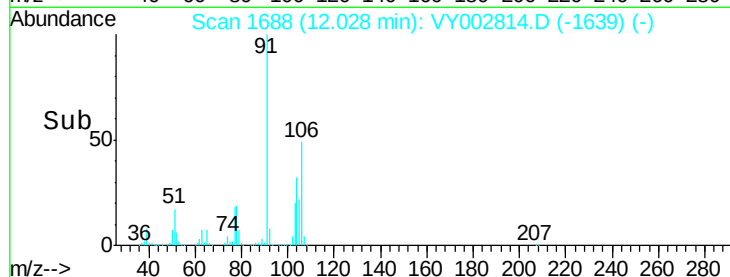
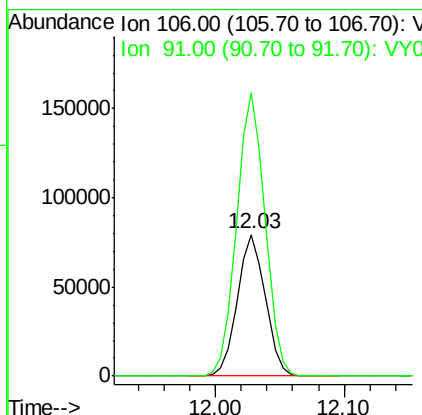
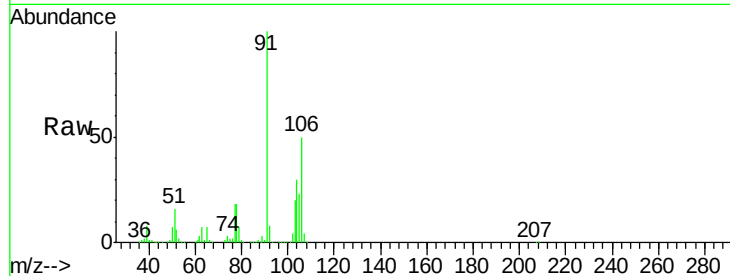
#69
o-Xylene
Concen: 21.594 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	119251		
91	91	203.1	102.4	307.1	

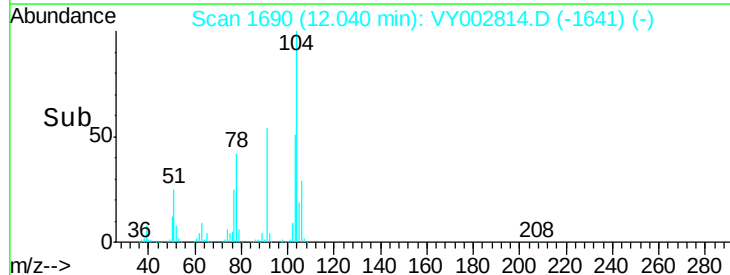
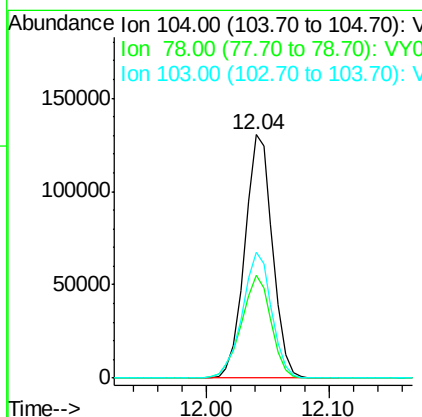
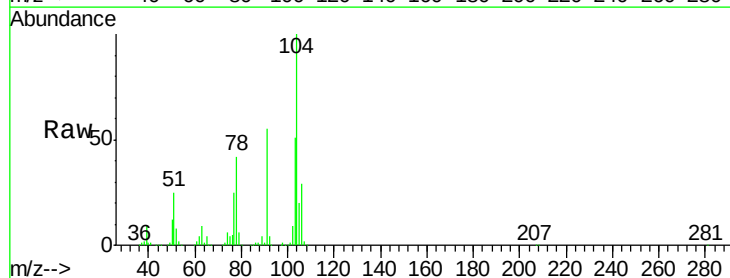
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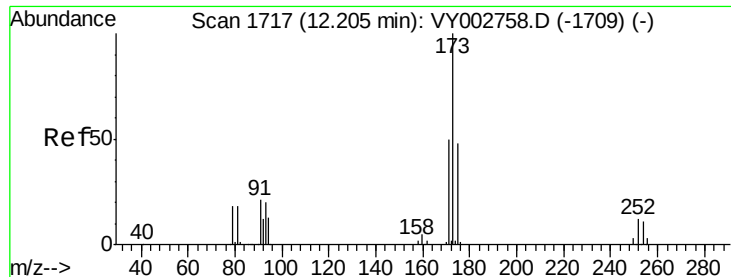
MMDadoda
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#70
Styrene
Concen: 21.383 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	204704		
78	78	45.2	36.2	54.4	
103	103	54.6	43.6	65.4	





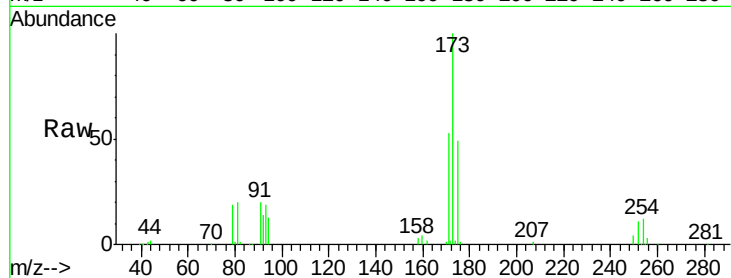
#71
Bromoform
Concen: 20.852 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

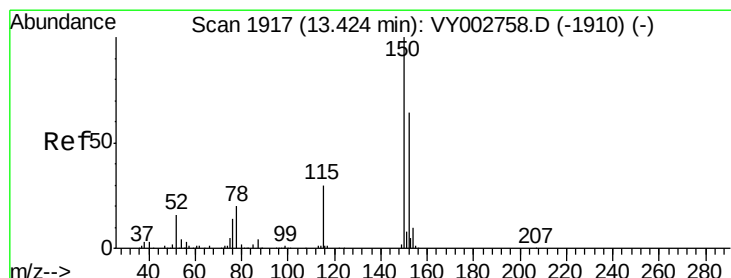
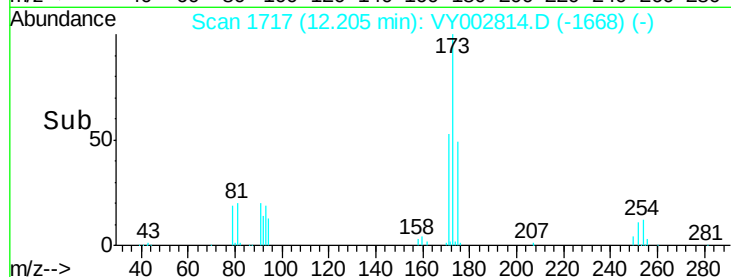
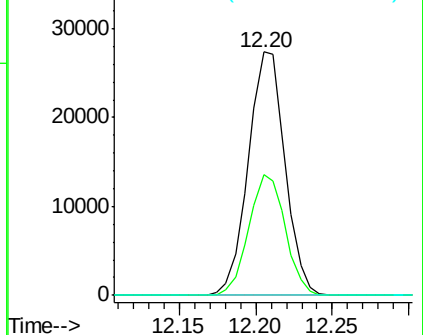
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.1	0.1	0.1

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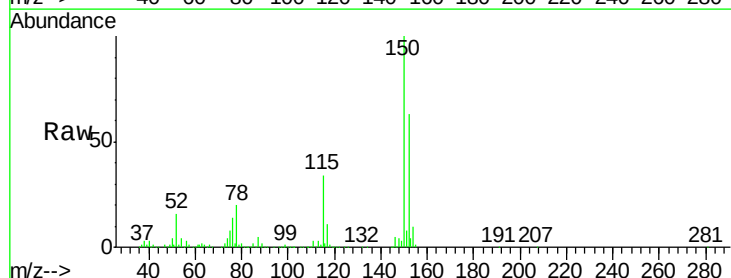


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

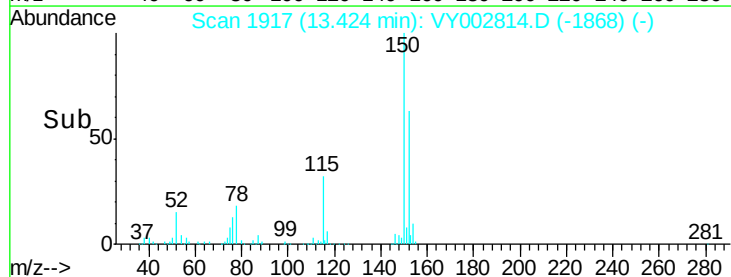
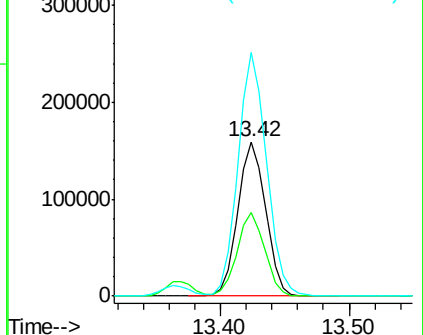


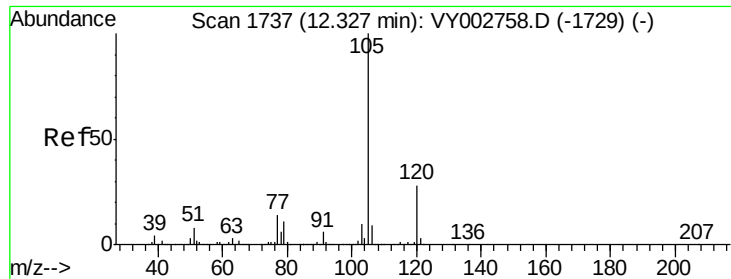
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.0	81.0
150	162.0	0.0	344.8



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





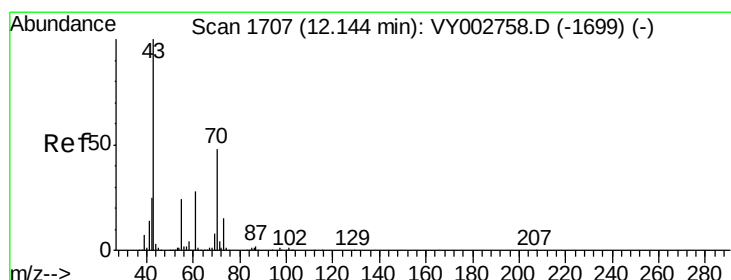
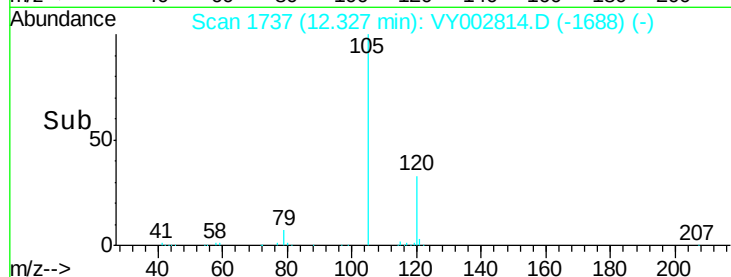
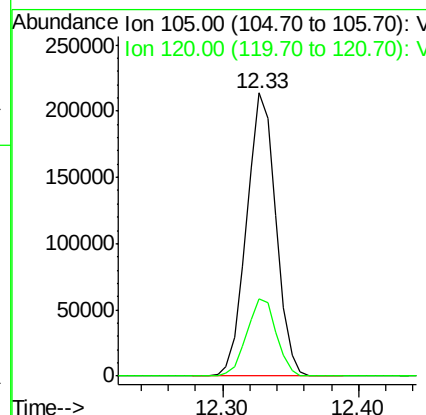
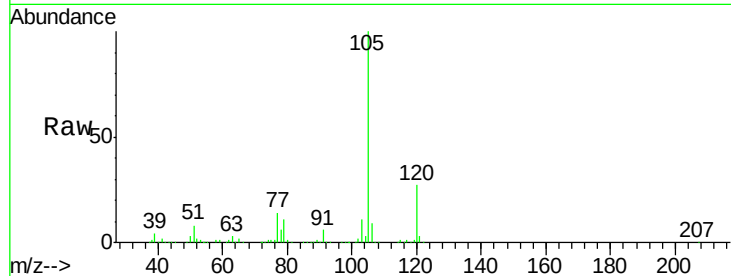
#73
Isopropylbenzene
Concen: 21.085 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.7	41.1

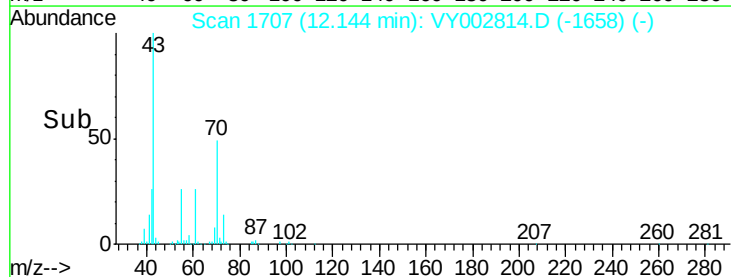
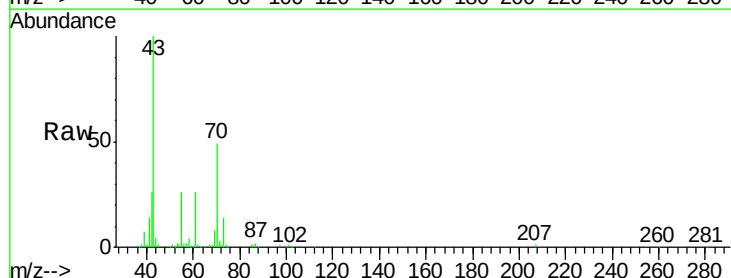
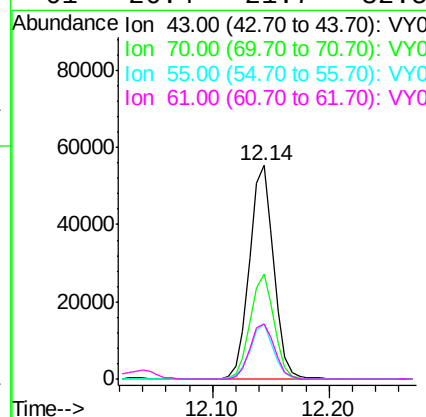
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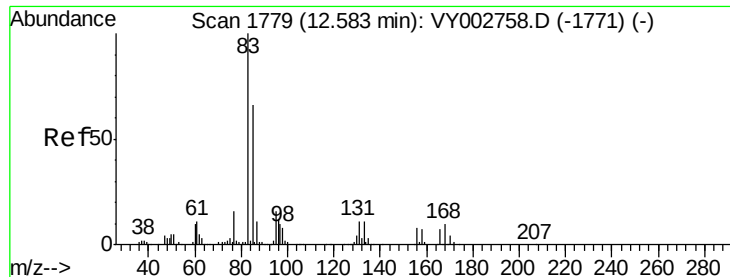
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6/3/2020 11:31:36 AM



#74
N-ethyl acetate
Concen: 20.423 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.5	37.7	56.5
55	25.2	19.8	29.6
61	26.4	21.7	32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.274 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

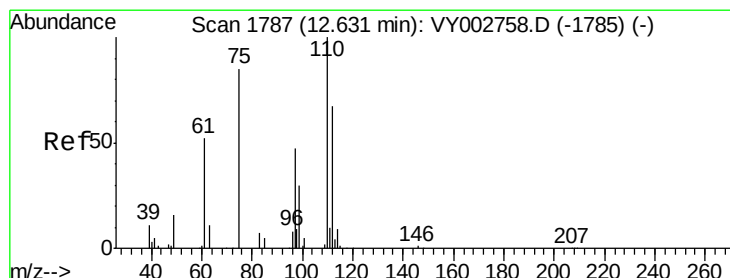
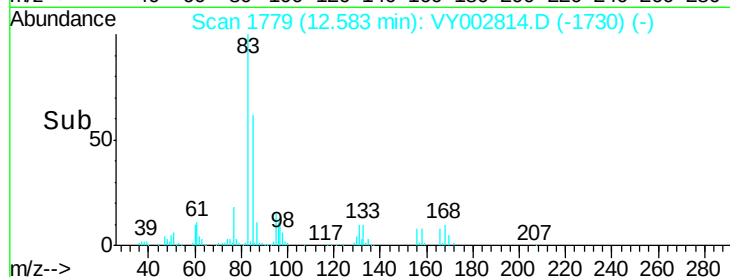
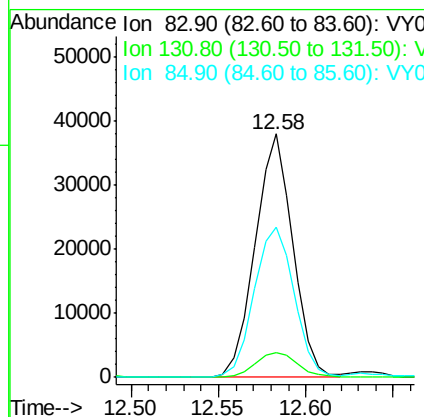
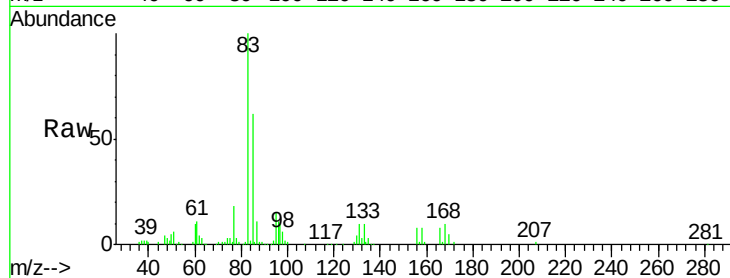
ClientSampleId :

VY0602SBSD01

Tot Ion:	83	Resp:	56999
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	65.3	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.593 ug/l m

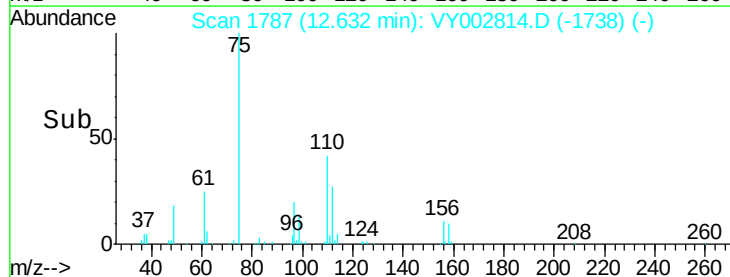
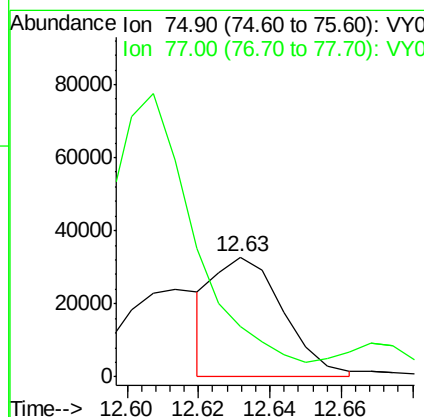
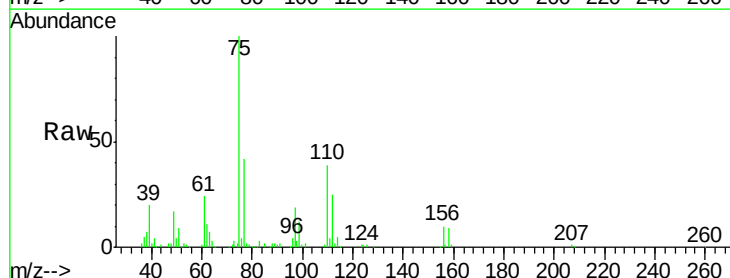
RT: 12.63 min Scan# 1787

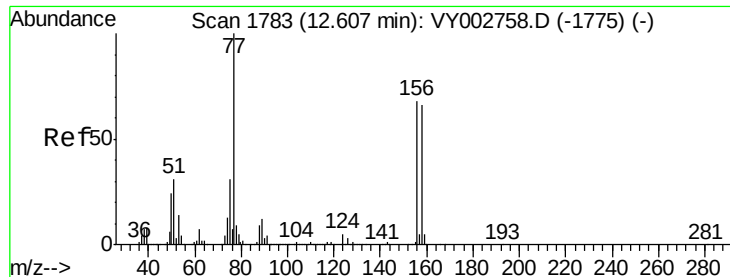
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	75	Resp:	44216
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.709 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion:156 Resp: 82344

Ion Ratio Lower Upper

156 100

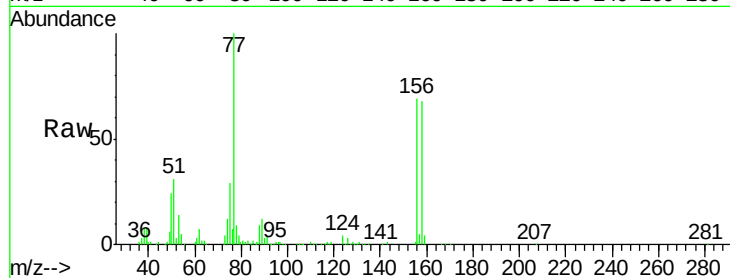
77 164.7 81.4 244.2

158 98.1 48.5 145.6

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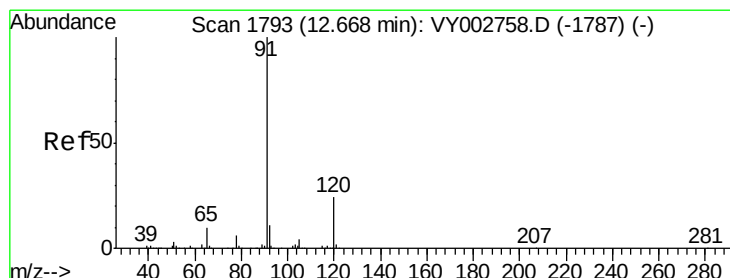
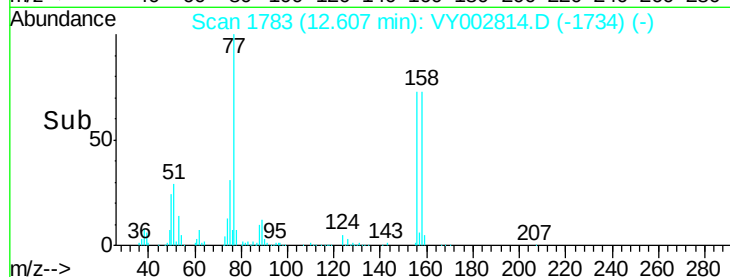
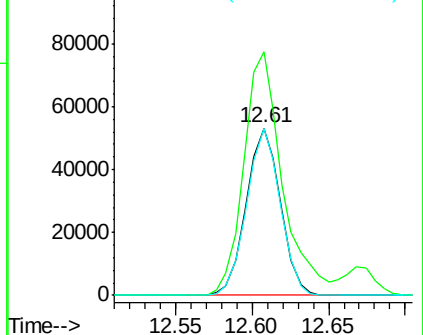
6/3/2020 11:31:36 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.342 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002814.D

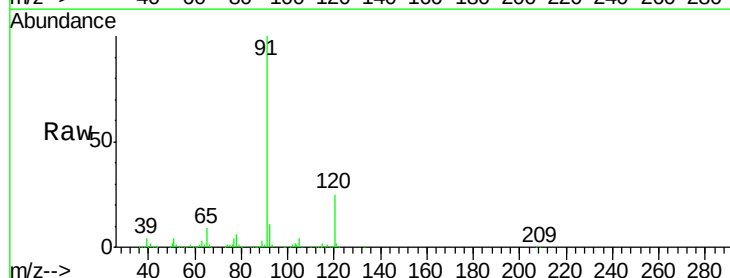
Acq: 02 Jun 2020 12:00

Tgt Ion: 91 Resp: 376451

Ion Ratio Lower Upper

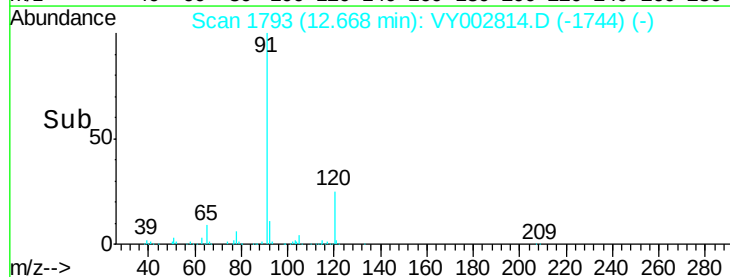
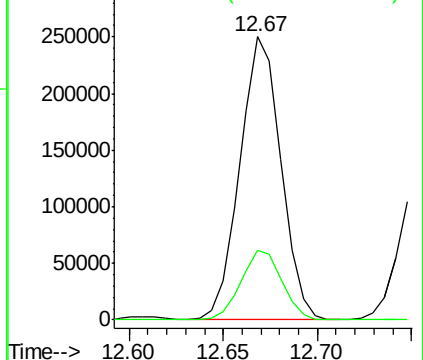
91 100

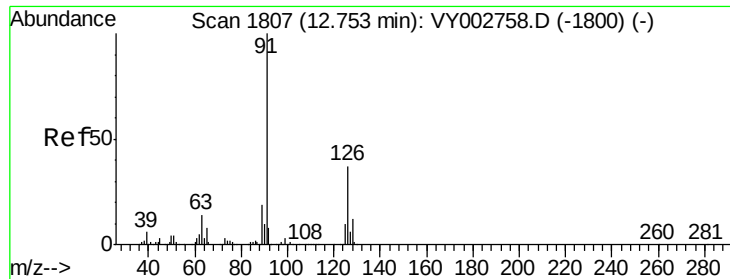
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





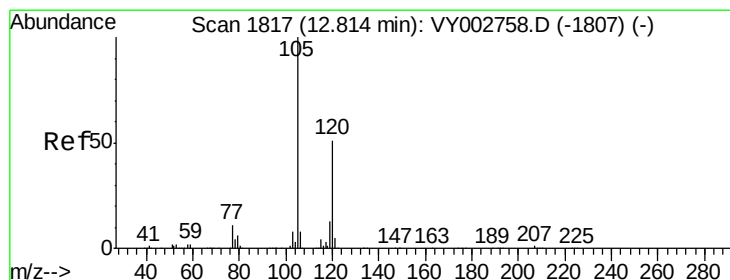
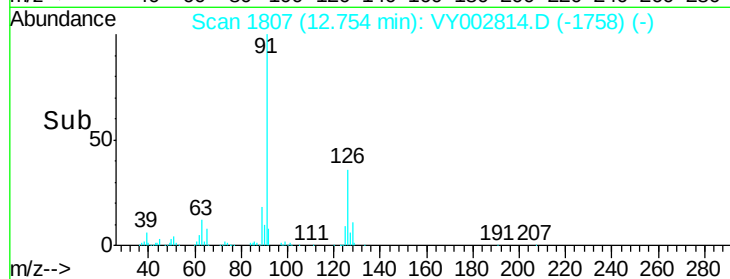
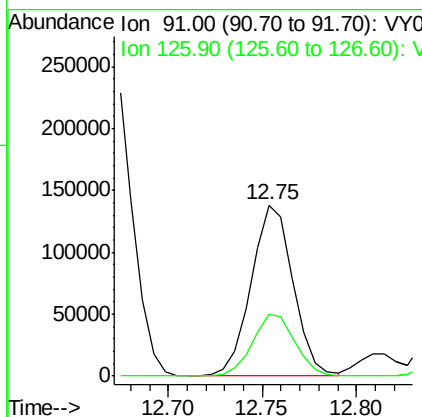
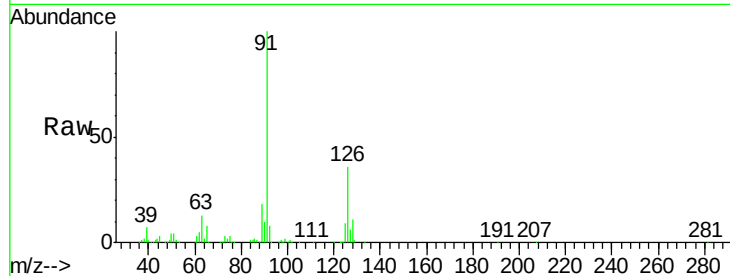
#79
 2-Chlorotoluene
 Concen: 21.446 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion: 91 Resp: 212204
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4

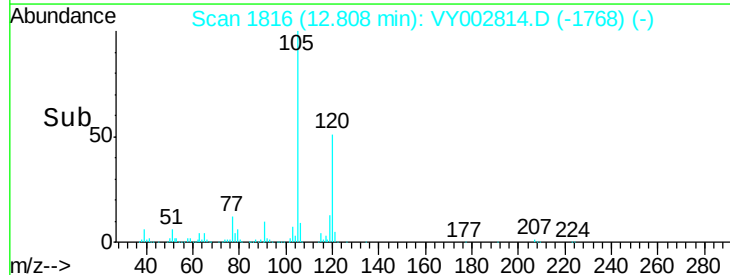
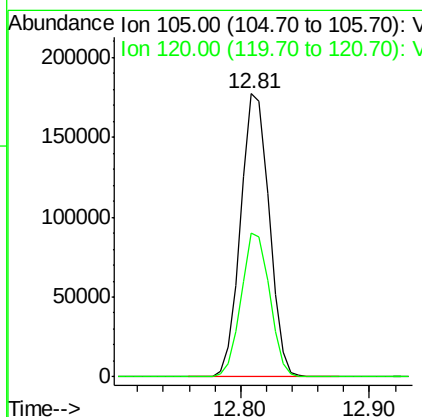
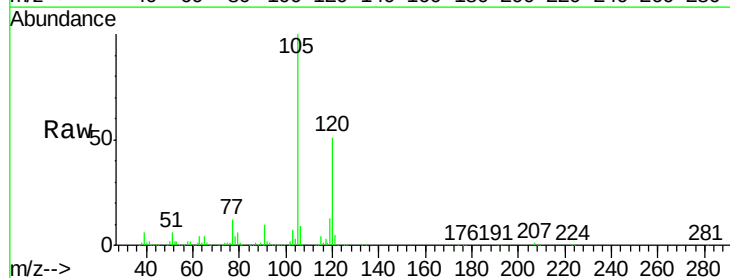
Manual Integrations
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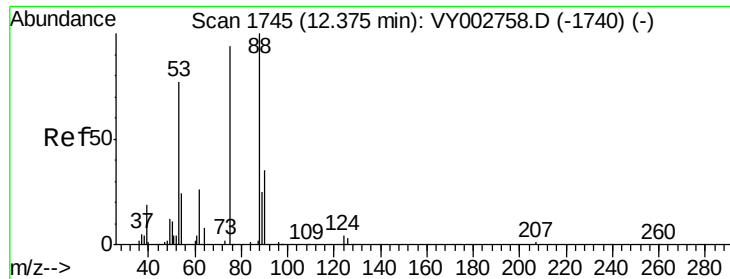
MMDadoda
 6/3/2020 11:31:36 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.297 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion: 105 Resp: 271535
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.038 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

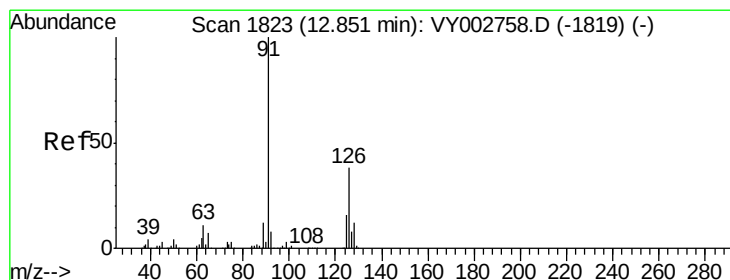
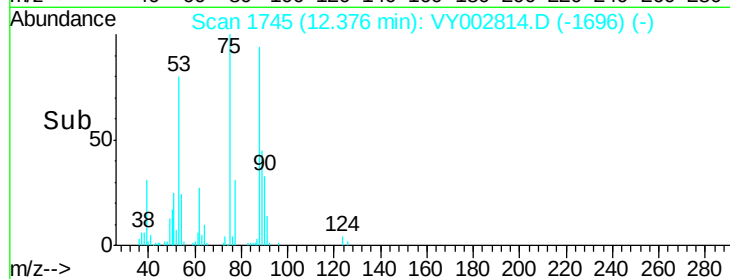
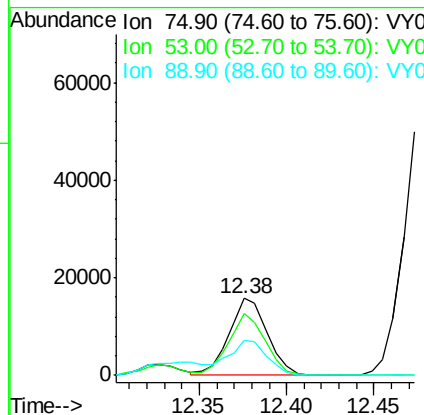
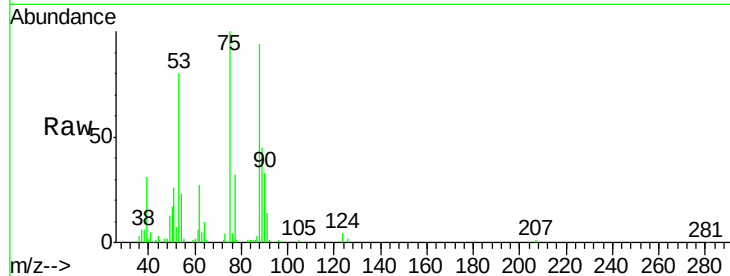
ClientSampleId :

VY0602SBSD01

Tot Ion:	75	Resp:	23976
Ion	Ratio	Lower	Upper
75	100		
53	77.7	64.0	96.0
89	44.8	37.4	56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.128 ug/l

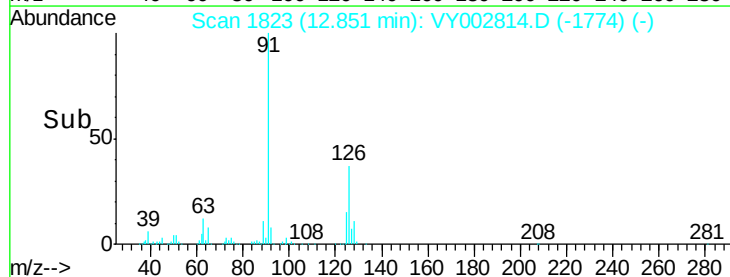
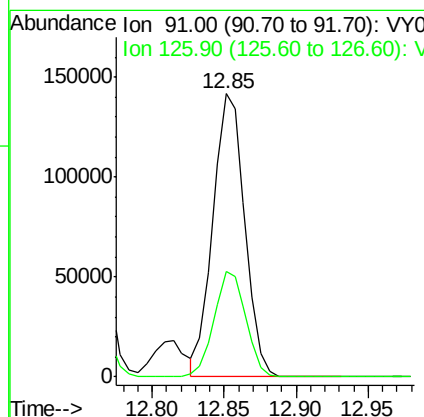
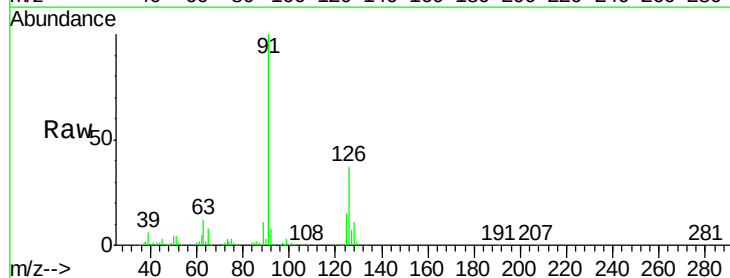
RT: 12.85 min Scan# 1823

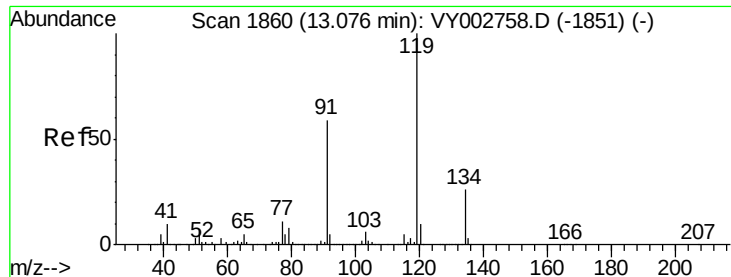
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:	91	Resp:	219034
Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5





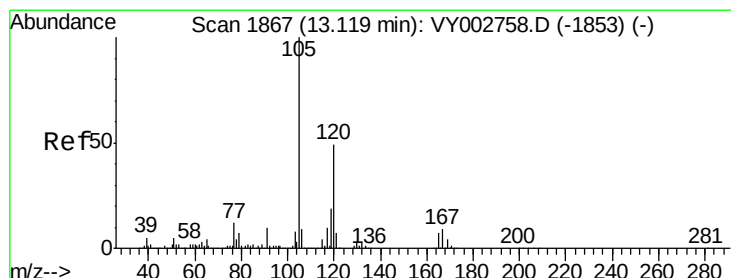
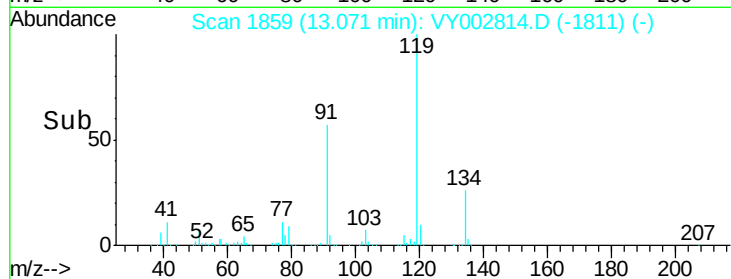
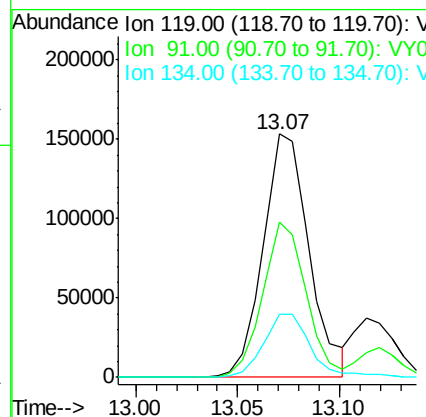
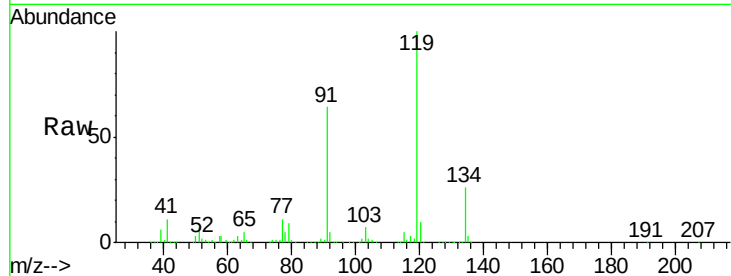
#83
tert-Butylbenzene
Concen: 21.239 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	29.8	89.4
134	26.8	13.3	39.8

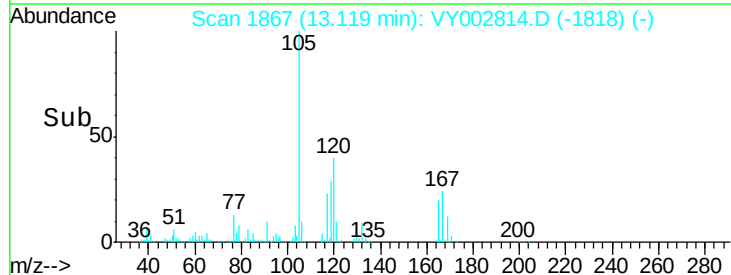
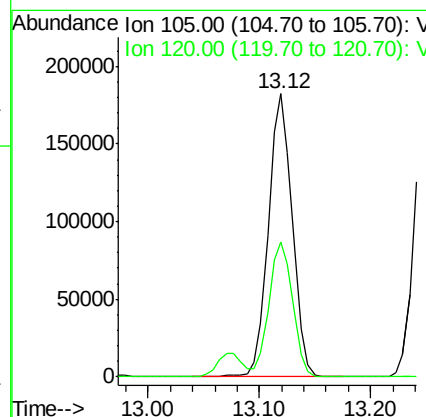
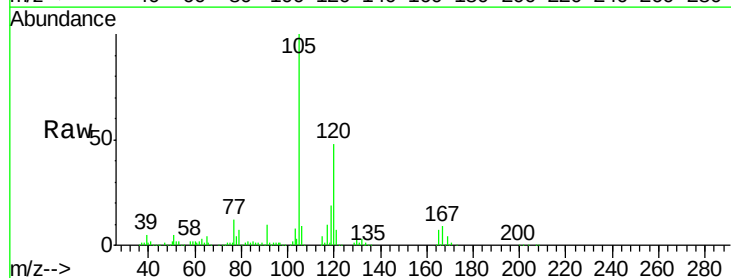
Manual Integrations
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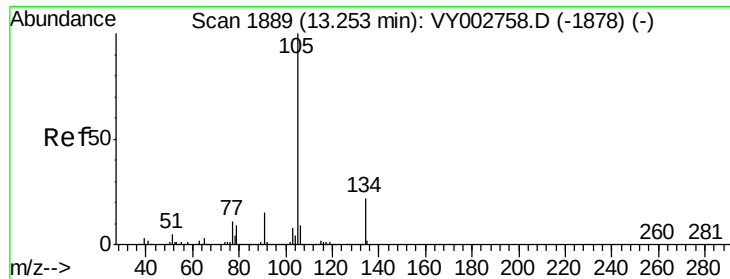
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.307 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.6	70.8





#85

sec-Butylbenzene

Concen: 21.222 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion:105 Resp: 330022

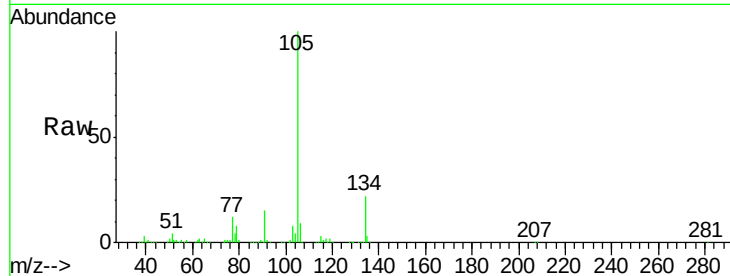
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

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

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

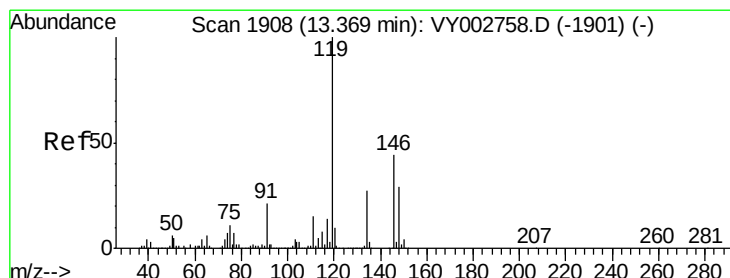
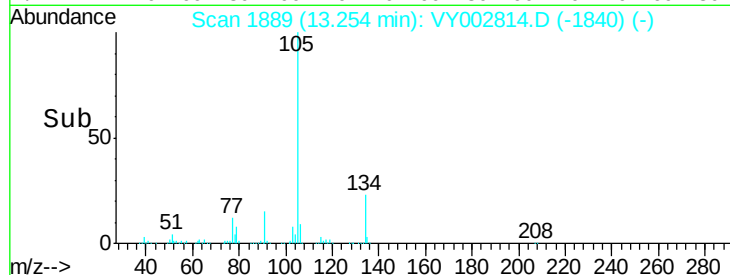
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.578 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

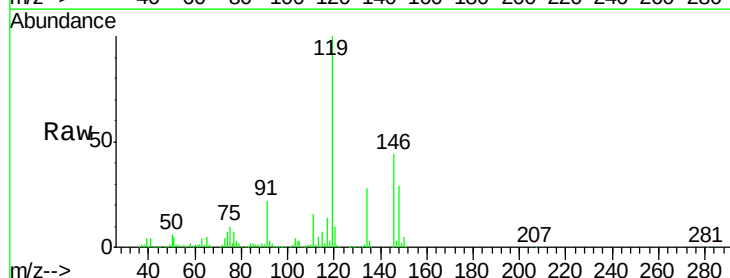
Tgt Ion:119 Resp: 312233

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

91 21.6 10.8 32.4



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

250000

200000

150000

100000

50000

0

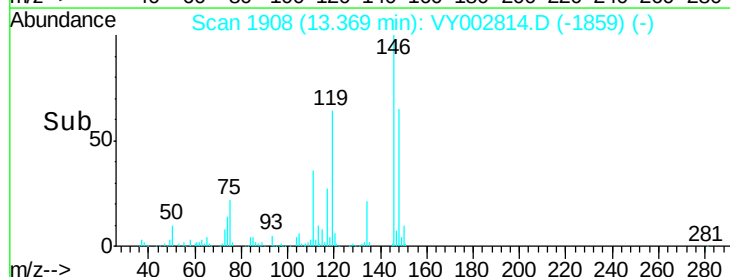
13.30

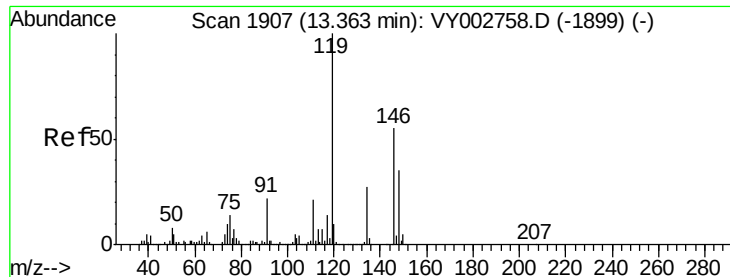
13.35

13.40

13.45

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.194 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

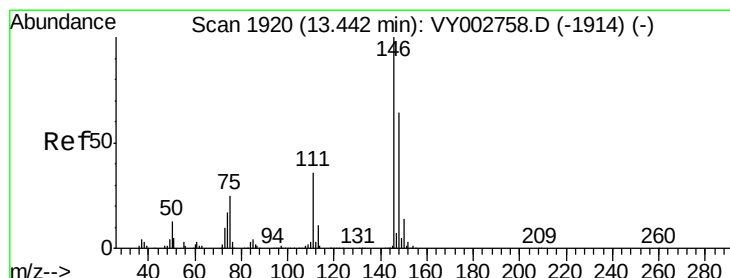
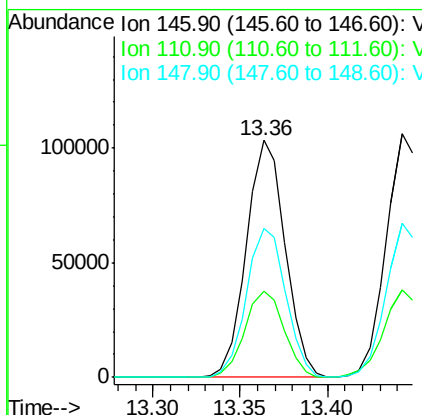
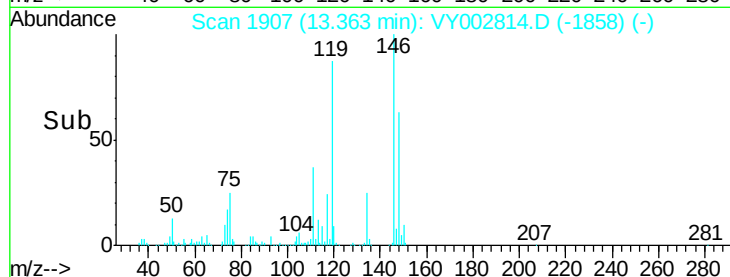
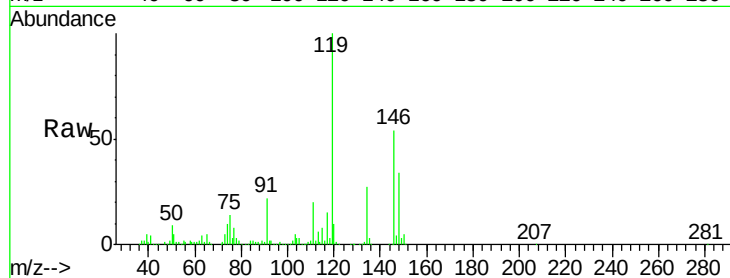
Instrument :
MSVOA_Y

ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.9	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 21.151 ug/l

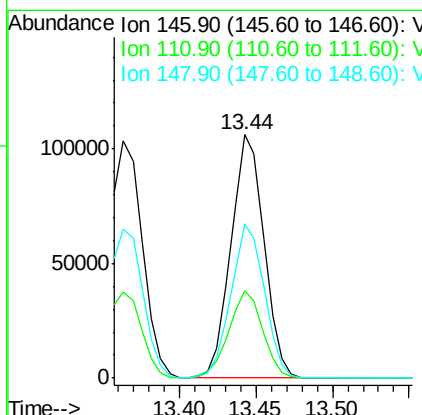
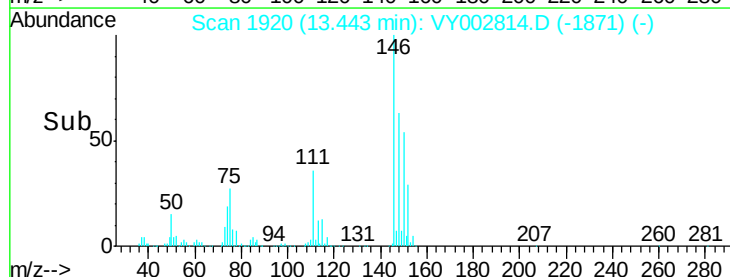
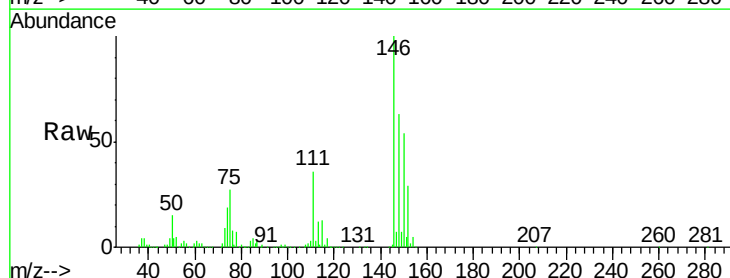
RT: 13.44 min Scan# 1920

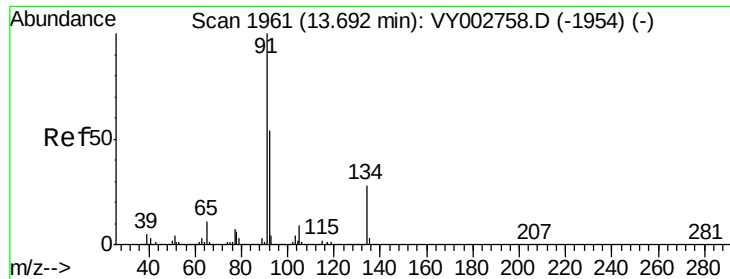
Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.3
148	63.9	32.1	96.3





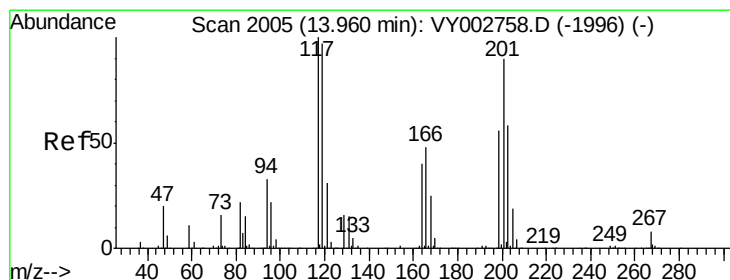
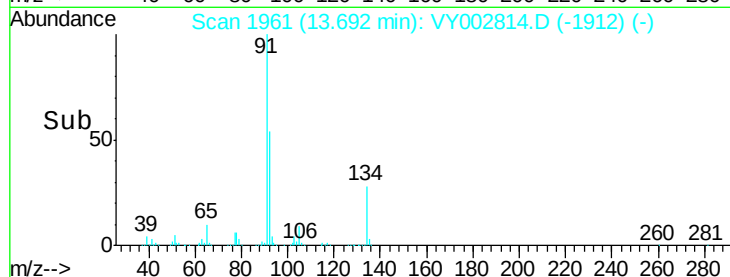
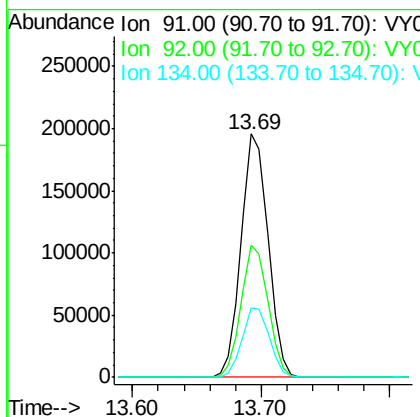
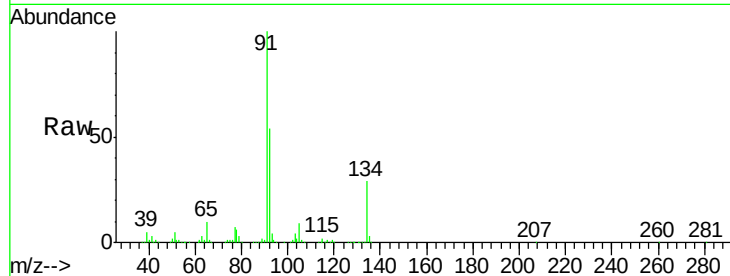
#89
n-Butylbenzene
Concen: 21.596 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	283718		
92	54.0		27.1	81.2
134	28.7		14.3	42.9

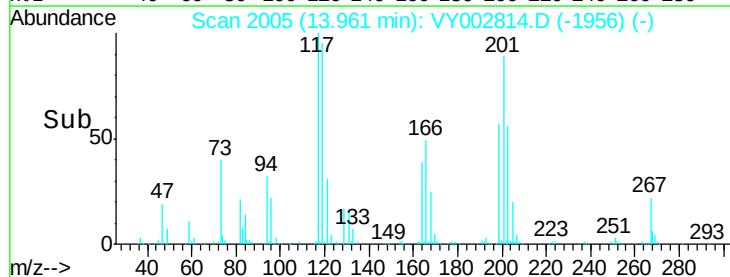
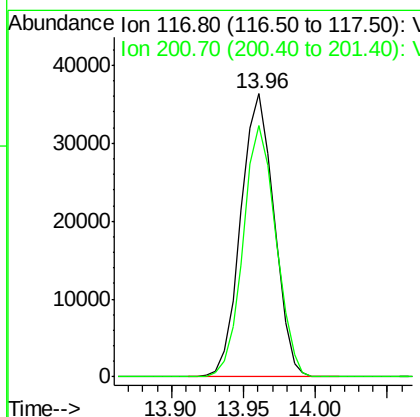
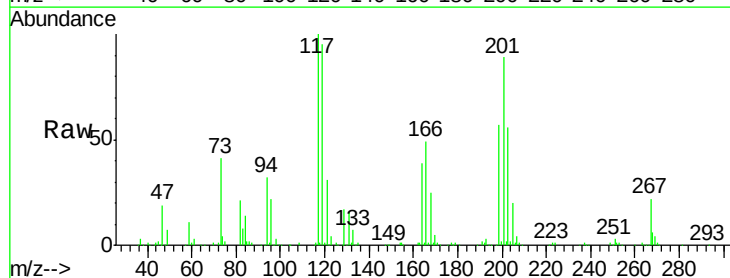
Manual Integrations
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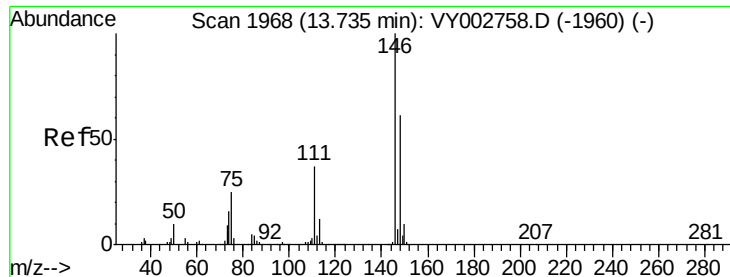
MMDadoda
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#90
Hexachloroethane
Concen: 21.492 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58221		
201	87.5		43.9	131.6





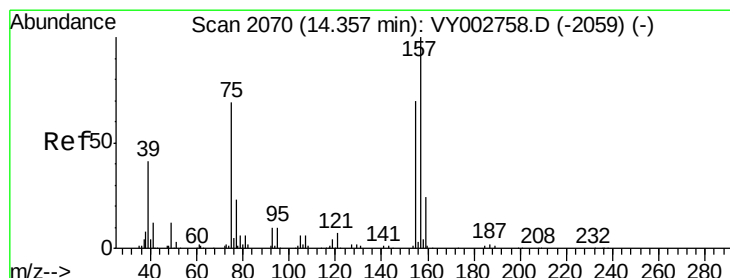
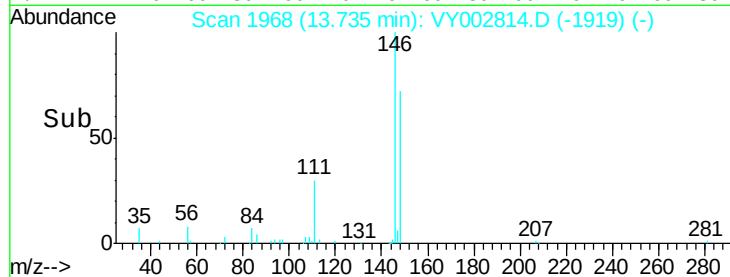
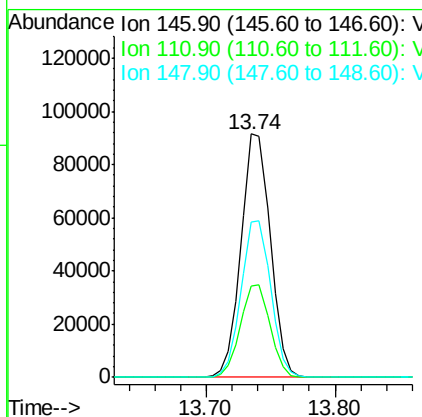
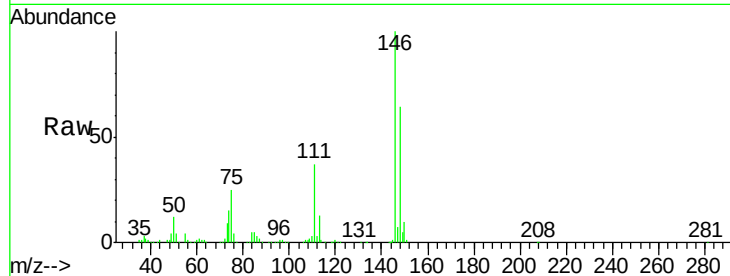
#91
 1,2-Dichlorobenzene
 Concen: 21.094 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.8	31.9	95.5

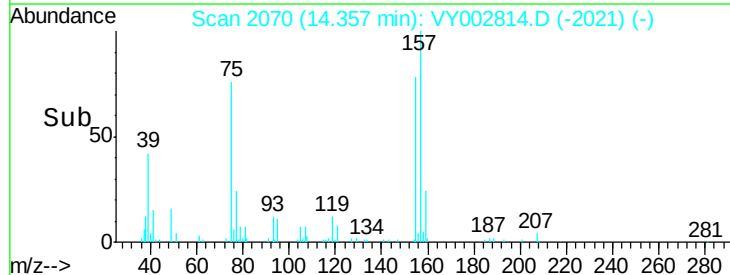
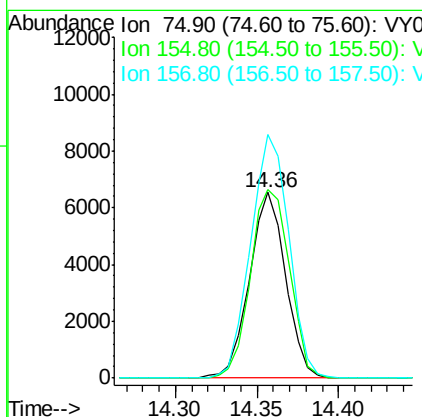
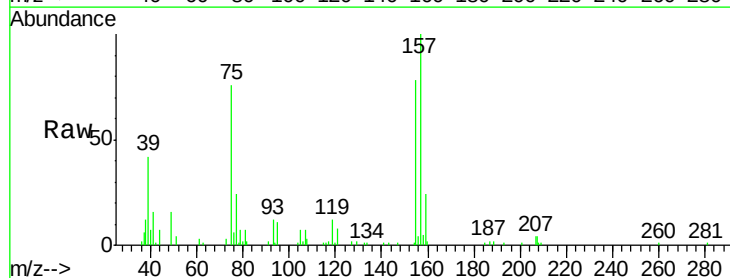
Manual Integrations
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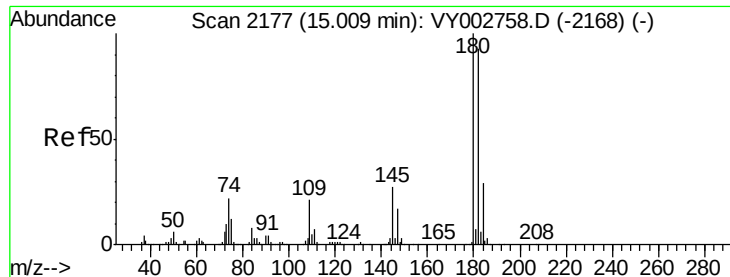
MMDadoda
 6/3/2020 11:31:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.663 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.2	53.5	160.5
157	137.8	69.9	209.7





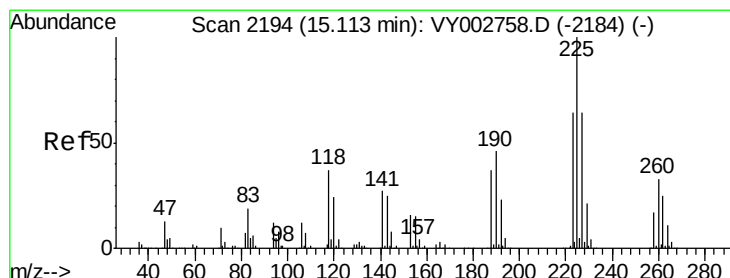
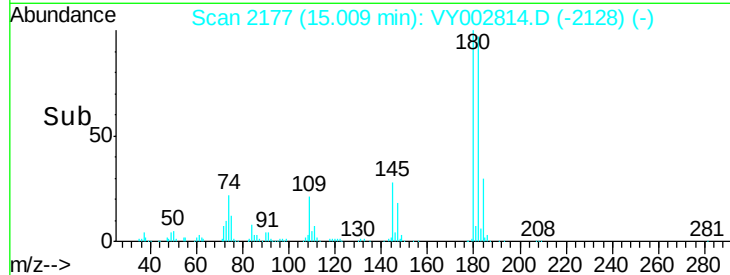
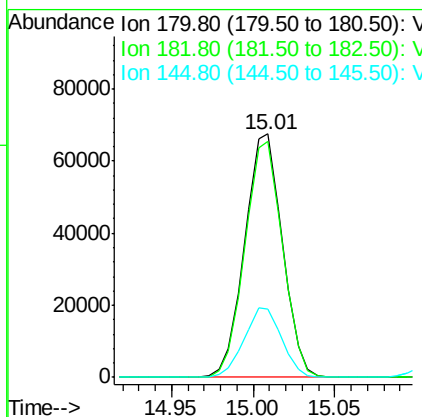
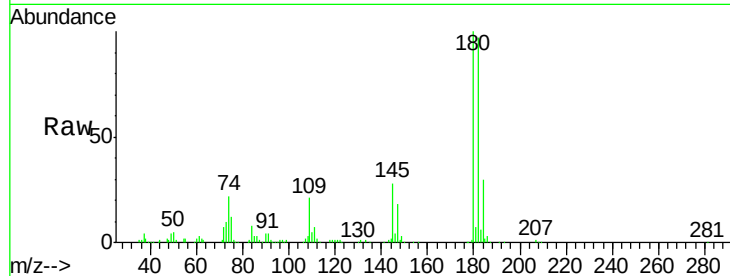
#93
 1,2,4-Trichlorobenzene
 Concen: 21.130 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.6	47.3	141.9	
145	28.7	14.1	42.3	

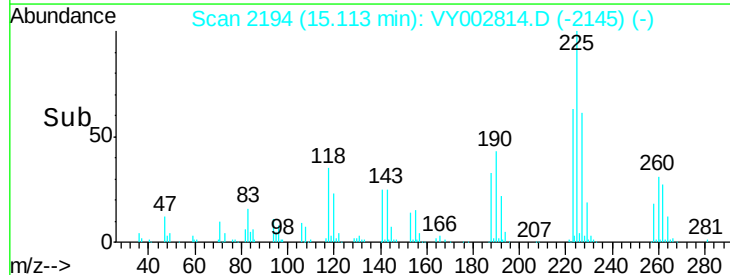
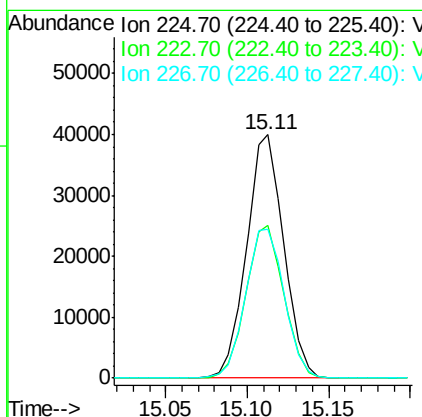
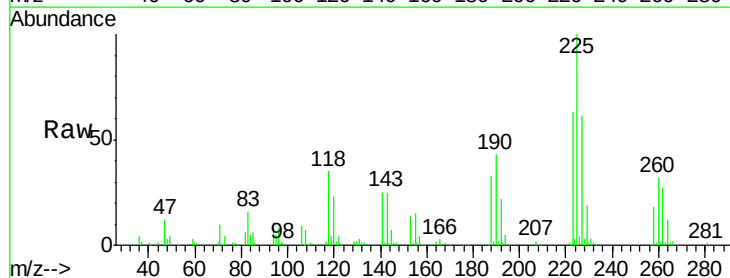
Manual Integrations
 APPROVED

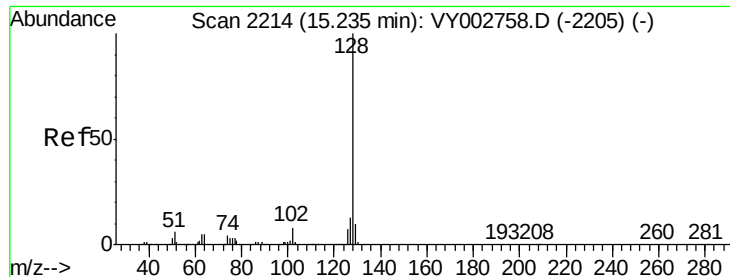
MMDadoda
 6/3/2020 11:31:36 AM



#94
 Hexachlorobutadiene
 Concen: 21.620 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.6	95.0	
227	63.9	32.3	96.9	





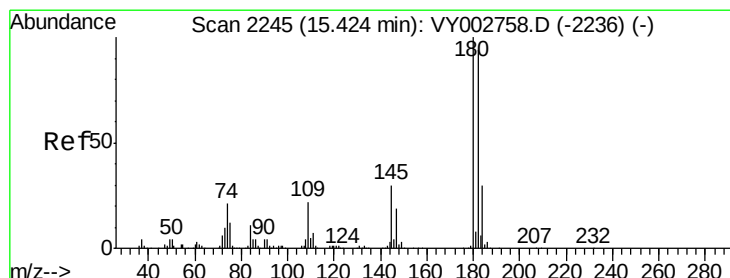
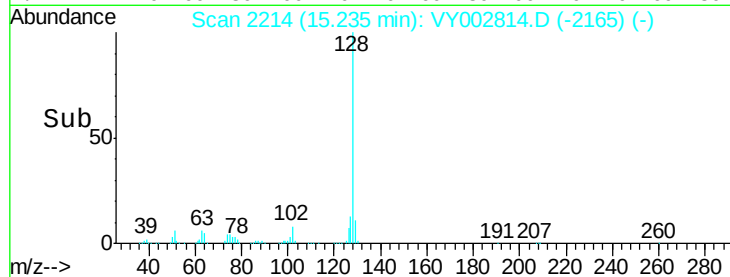
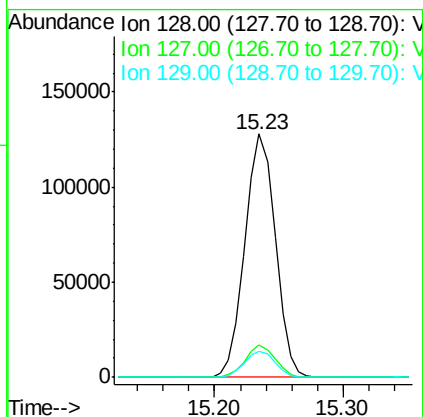
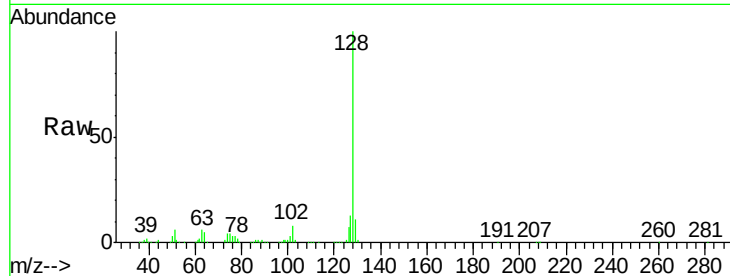
#95
Naphthalene
Concen: 20.271 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	209253		
127	12.9		10.3	15.5
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.795 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95608		
182	96.2		48.1	144.4
145	31.2		15.1	45.3

