

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018778.D
 Acq On : 08 Oct 2020 22:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Oct 09 07:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:51:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	325603	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	147158	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.48%
7) Chloroethane-d5	1.58	69	119287	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.18%
11) 1,1-Dichloroethene-d2	2.12	63	281759	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
21) 2-Butanone-d5	3.90	46	196792	108.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.33%
24) Chloroform-d	4.37	84	256148	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.05	65	178841	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
32) Benzene-d6	5.07	84	520468	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
36) 1,2-Dichloropropane-d6	6.09	67	177676	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.78%
41) Toluene-d8	7.34	98	449597	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%
43) trans-1,3-Dichloropropene-	7.64	79	81204	51.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.58%
47) 2-Hexanone-d5	8.11	63	125273	111.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.43%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	190067	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	183487	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	100784	47.952	ug/L 99
3) Chloromethane	1.25	50	132588	48.084	ug/L 99
5) Vinyl chloride	1.32	62	135734	47.213	ug/L 100
6) Bromomethane	1.53	94	80584	47.563	ug/L 99
8) Chloroethane	1.59	64	89253	47.417	ug/L 97
9) Trichlorofluoromethane	1.76	101	201086	47.841	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110610	47.261	ug/L 98
12) 1,1-Dichloroethene	2.13	96	105531	46.830	ug/L 97
13) Acetone	2.18	43	136507	90.160	ug/L 100
14) Carbon disulfide	2.31	76	296315	44.421	ug/L 100
15) Methyl Acetate	2.44	43	132482	44.791	ug/L 99
16) Methylene chloride	2.52	84	116706	42.070	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	105935	44.536	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	365910	45.875	ug/L 100
19) 1,1-Dichloroethane	3.21	63	219175	46.951	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	119389	47.491	ug/L 99
22) 2-Butanone	3.99	43	180024	101.475	ug/L 96

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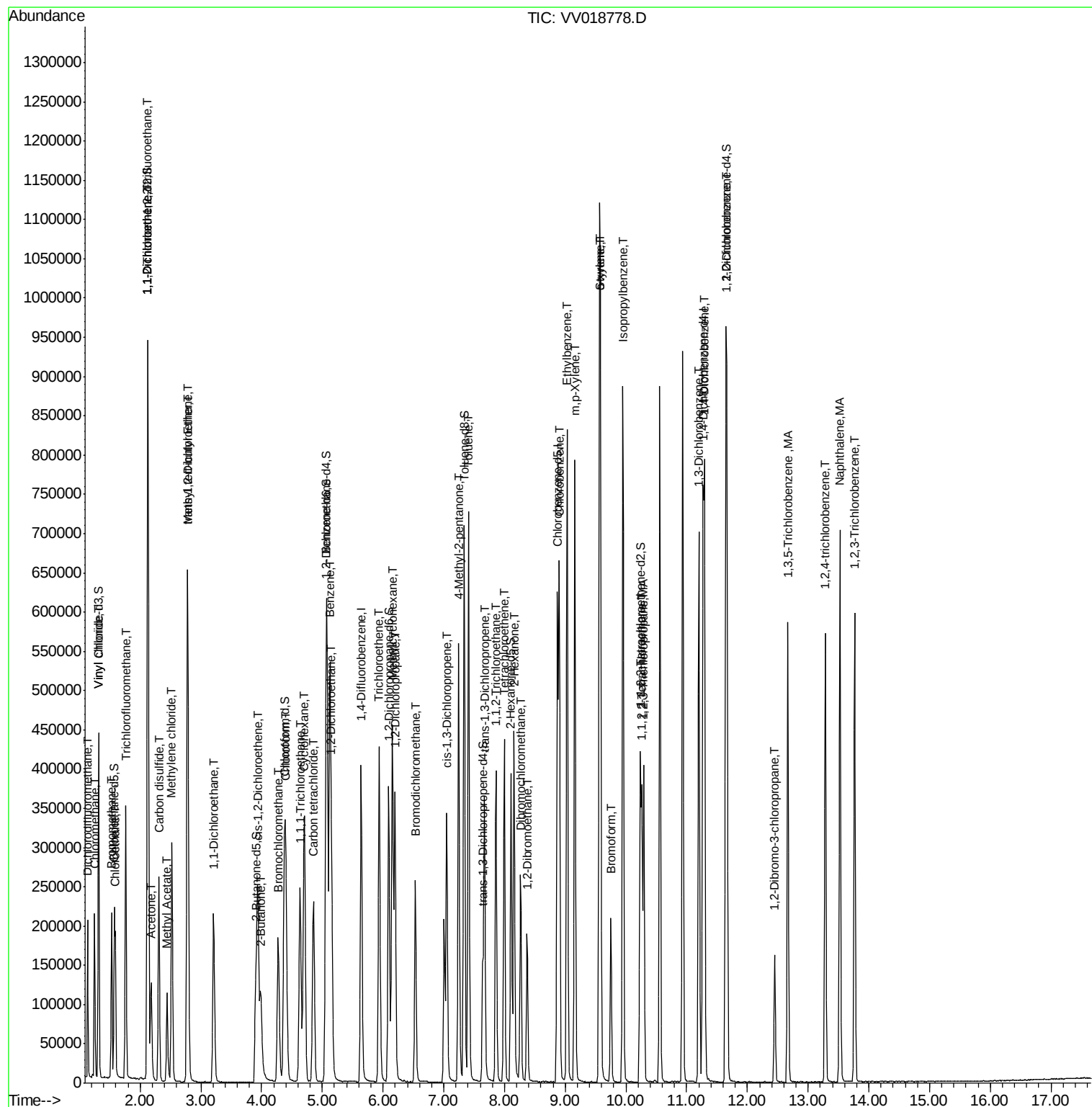
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	61466	47.161	ug/L	95
25) Chloroform	4.40	83	224660	46.892	ug/L	99
27) 1,2-Dichloroethane	5.15	62	200074	51.330	ug/L	100
29) Cyclohexane	4.70	56	186127	50.280	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	198099	48.624	ug/L	100
31) Carbon tetrachloride	4.86	117	174094	50.700	ug/L	100
33) Benzene	5.13	78	506117	52.189	ug/L	100
34) Trichloroethene	5.94	95	142987	51.229	ug/L	99
35) Methylcyclohexane	6.15	83	176767	51.758	ug/L	99
37) 1,2-Dichloropropane	6.20	63	139483	52.360	ug/L	99
38) Bromodichloromethane	6.53	83	168654	49.851	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	190115	50.518	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	364401	105.261	ug/L	100
42) Toluene	7.41	91	497957	49.990	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	194742	50.498	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	115685	48.352	ug/L	98
46) Tetrachloroethene	8.00	164	95674	46.772	ug/L	98
48) 2-Hexanone	8.16	43	284465	104.091	ug/L	99
49) Dibromochloromethane	8.27	129	128254	49.044	ug/L	99
50) 1,2-Dibromoethane	8.37	107	120464	49.229	ug/L	99
51) Chlorobenzene	8.90	112	319682	48.354	ug/L	99
52) Ethylbenzene	9.03	91	551348	48.741	ug/L	100
53) m,p-Xylene	9.16	106	203484	49.007	ug/L	100
54) o-xylene	9.56	106	198933	50.444	ug/L	98
55) Styrene	9.58	104	361362	51.771	ug/L	98
56) Isopropylbenzene	9.95	105	530643	48.631	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	165585	49.615	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	152773	48.197	ug/L	99
61) Bromoform	9.75	173	91901	48.723	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	268543	48.453	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	278640	48.330	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	262817	47.233	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	38567	50.248	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	173827	48.421	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	166159	49.222	ug/L	99
69) Naphthalene	13.52	128	507984	53.409	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	171182	51.084	ug/L	99

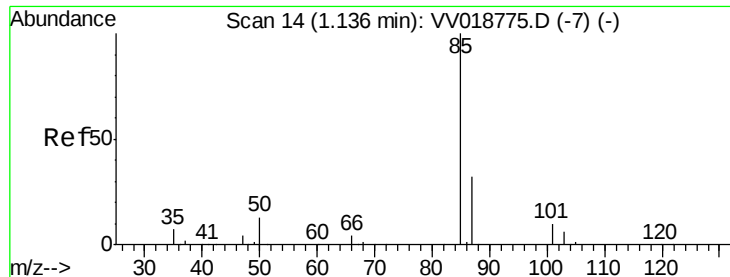
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 47.952 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

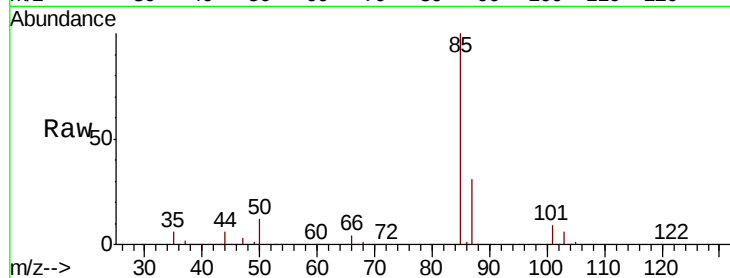
VICV65

Tot Ion: 85 Resp: 100784

Ion Ratio Lower Upper

85 100

87 31.5 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV018775.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV018775.D (-7) (-)

1.14

120000

100000

80000

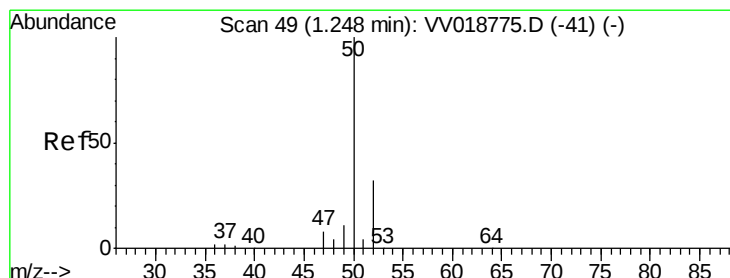
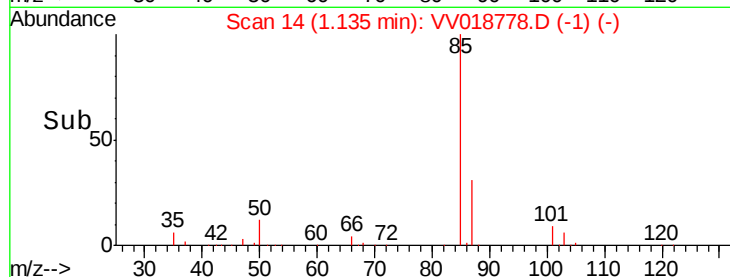
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 48.084 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV018778.D

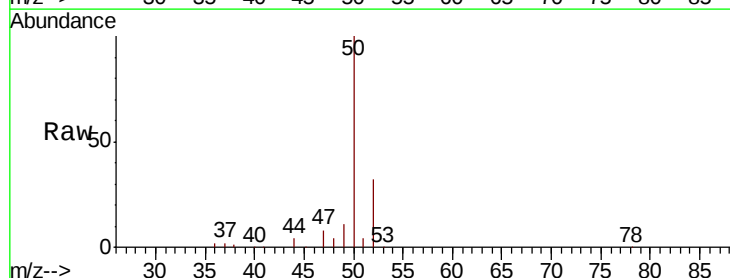
Acq: 08 Oct 2020 22:15

Tgt Ion: 50 Resp: 132588

Ion Ratio Lower Upper

50 100

52 32.1 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV018775.D (-41) (-)

Ion 52.00 (51.70 to 52.70): VV018775.D (-41) (-)

1.25

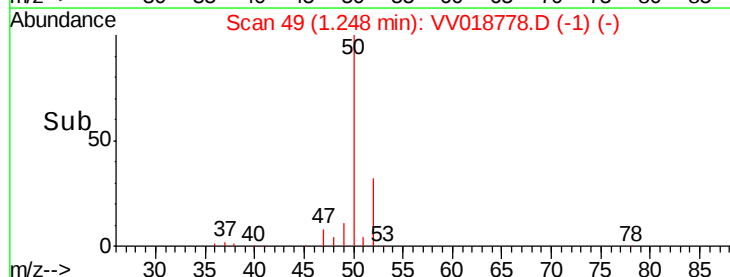
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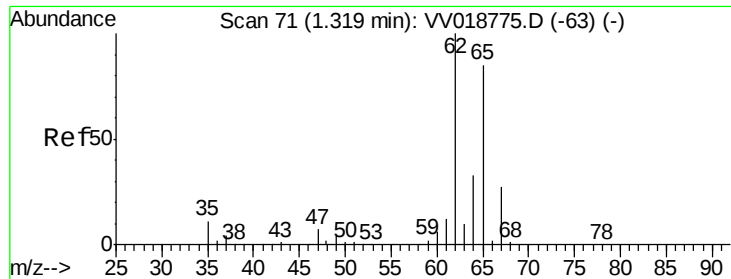
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 47.213 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

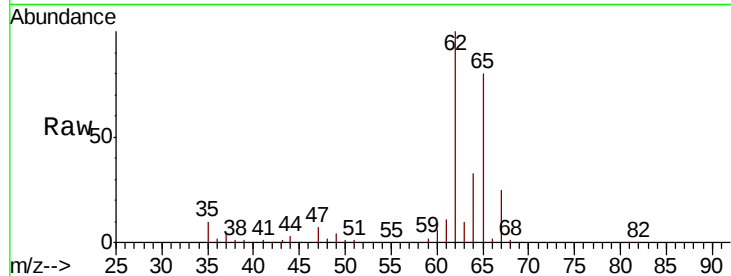
VICV65

Tot Ion: 62 Resp: 135734

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

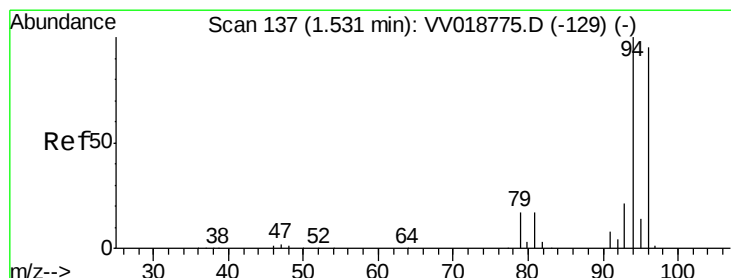
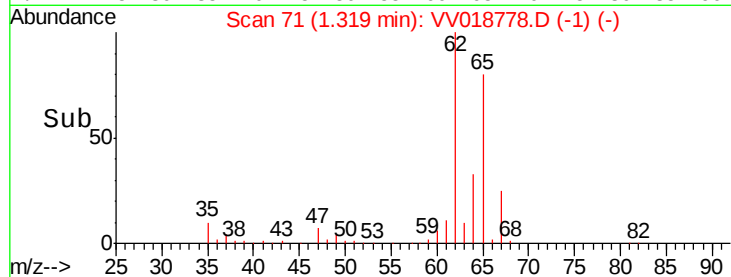
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 47.563 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV018778.D

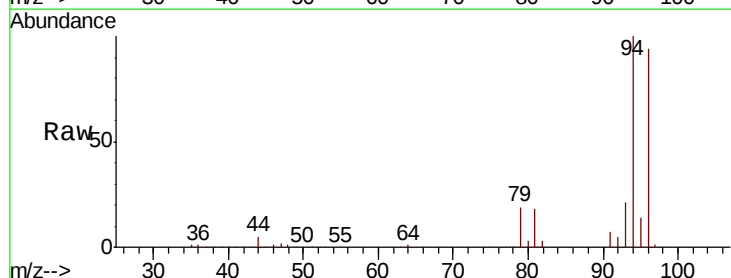
Acq: 08 Oct 2020 22:15

Tgt Ion: 94 Resp: 80584

Ion Ratio Lower Upper

94 100

96 94.0 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.53

80000

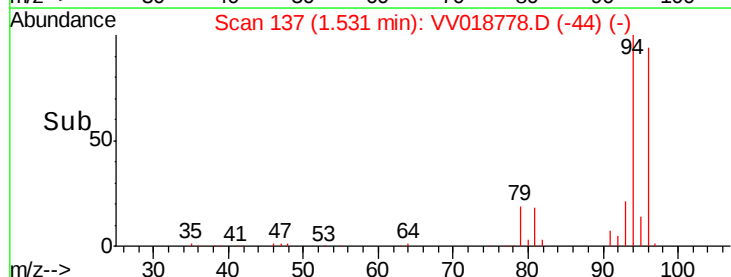
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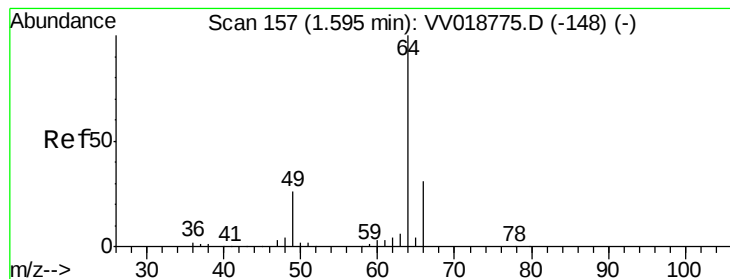
40000

20000

0

Time-->





#8

Chloroethane

Concen: 47.417 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

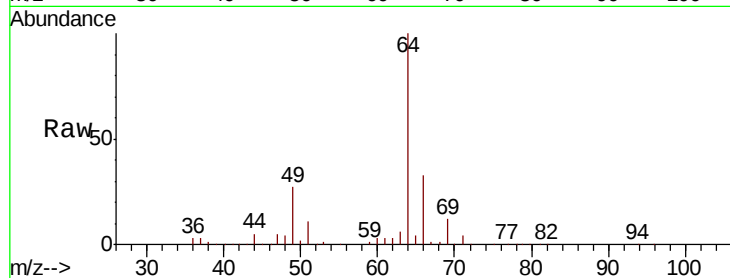
VICV65

Tot Ion: 64 Resp: 89253

Ion Ratio Lower Upper

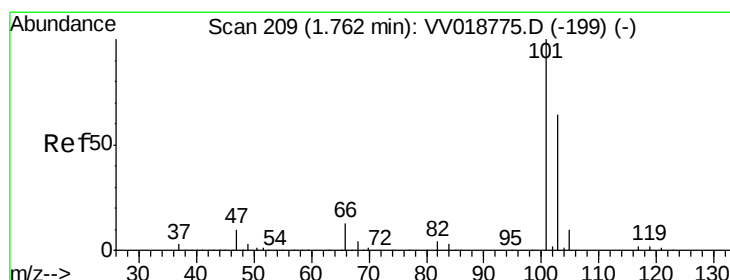
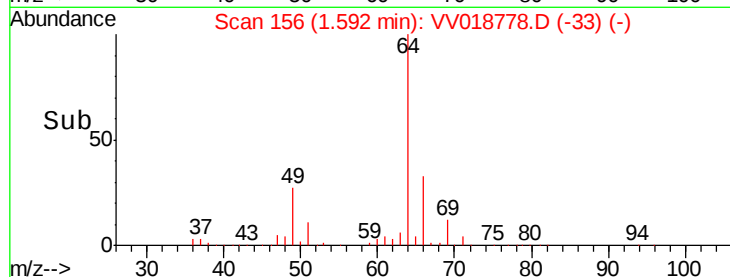
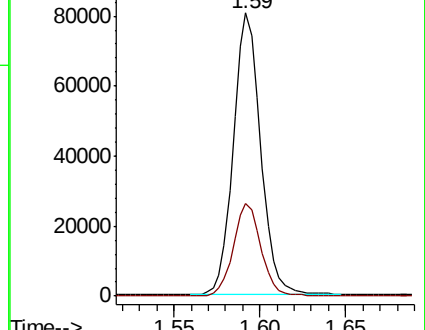
64 100

66 32.6 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VV018775.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VV018778.D (-33) (-)



#9

Trichlorofluoromethane

Concen: 47.841 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV018778.D

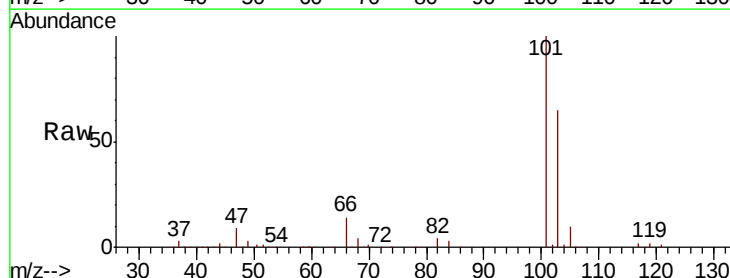
Acq: 08 Oct 2020 22:15

Tgt Ion: 101 Resp: 201086

Ion Ratio Lower Upper

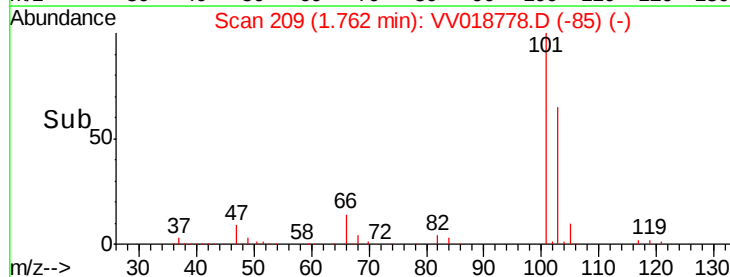
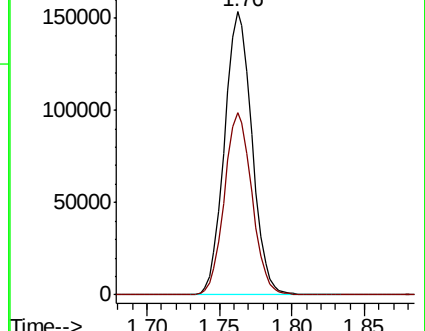
101 100

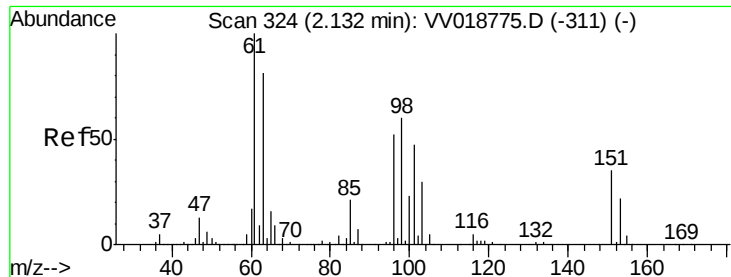
103 64.7 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): VV018775.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV018778.D (-85) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.261 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

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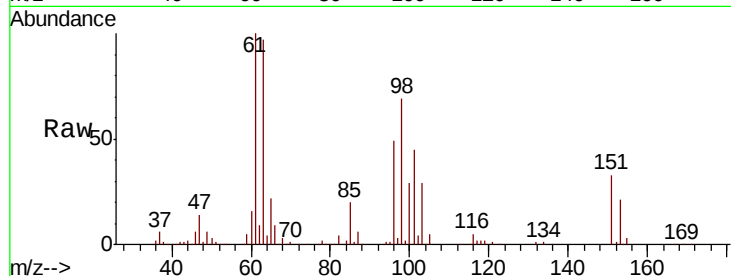
Tot Ion:101 Resp: 110610

Ion Ratio Lower Upper

101 100

85 44.8 35.9 53.9

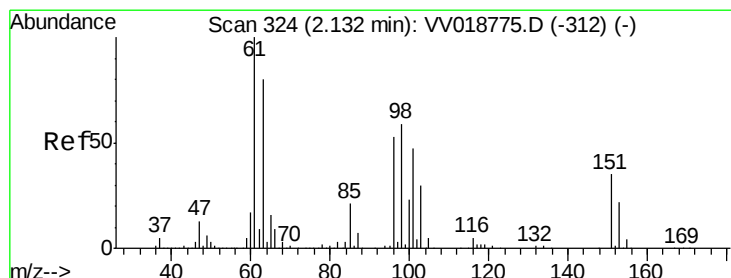
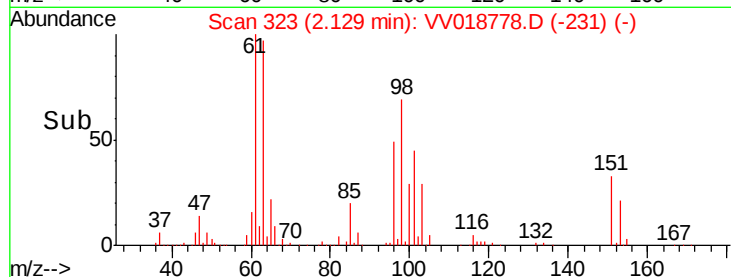
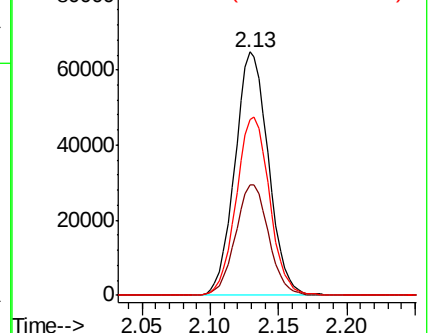
151 72.7 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): VV018775.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018775.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018775.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 46.830 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

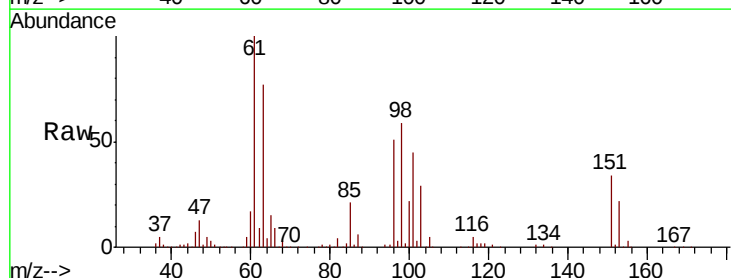
Tgt Ion: 96 Resp: 105531

Ion Ratio Lower Upper

96 100

61 196.0 133.6 248.0

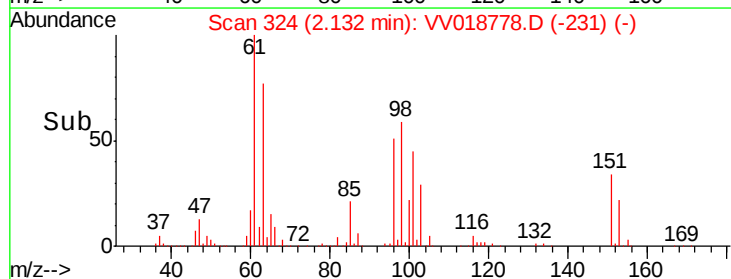
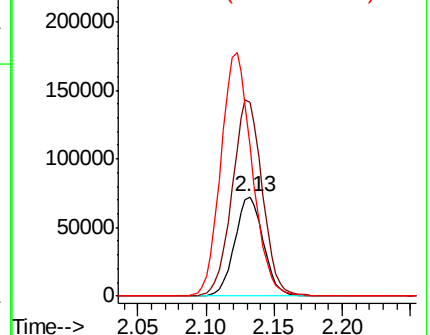
63 151.5 108.4 201.4

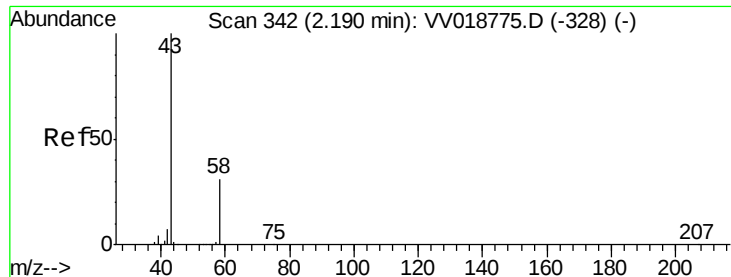


Abundance Ion 96.00 (95.70 to 96.70): VV018775.D (-312) (-)

Ion 61.00 (60.70 to 61.70): VV018775.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV018775.D (-312) (-)





#13

Acetone

Concen: 90.160 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

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ClientSampleId :

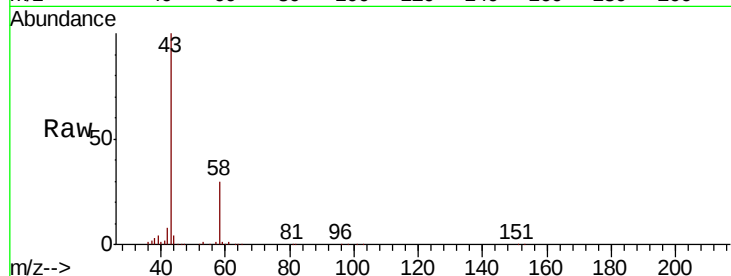
VICV65

Tot Ion: 43 Resp: 136507

Ion Ratio Lower Upper

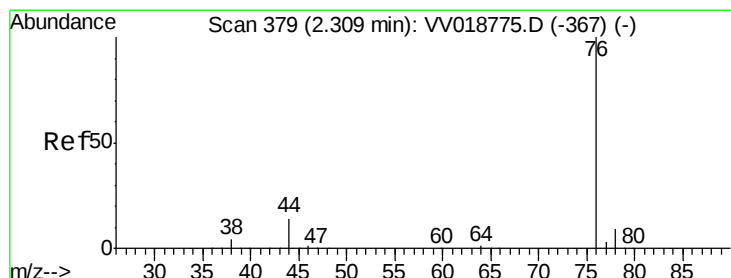
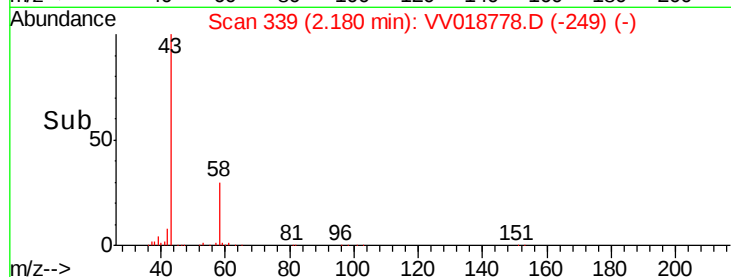
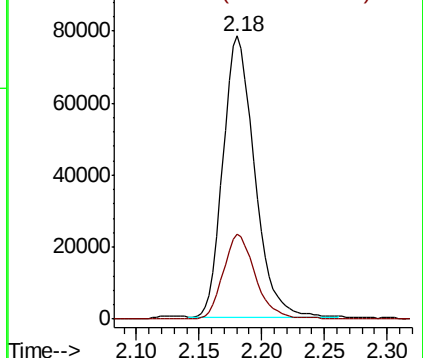
43 100

58 30.6 0.0 61.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 44.421 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018778.D

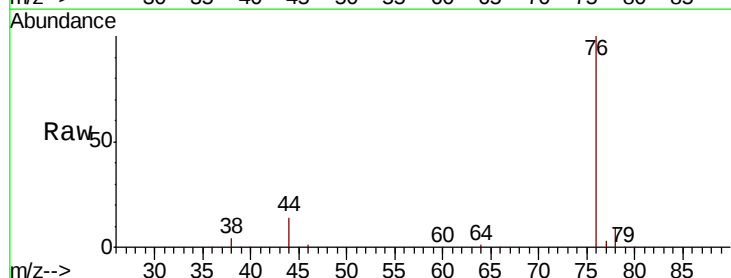
Acq: 08 Oct 2020 22:15

Tgt Ion: 76 Resp: 296315

Ion Ratio Lower Upper

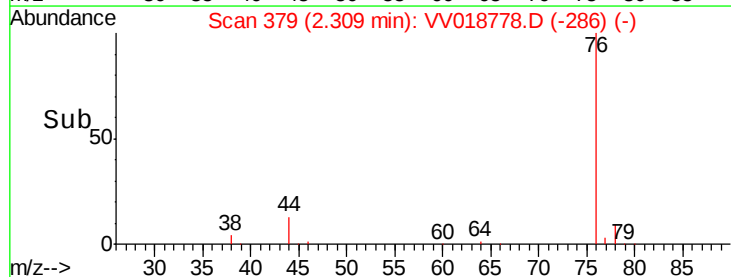
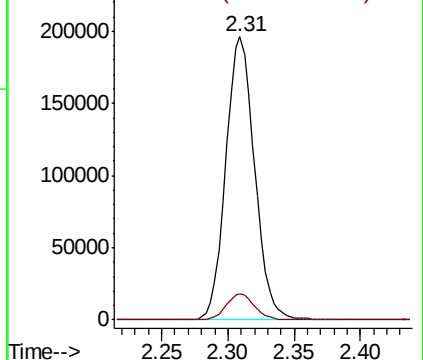
76 100

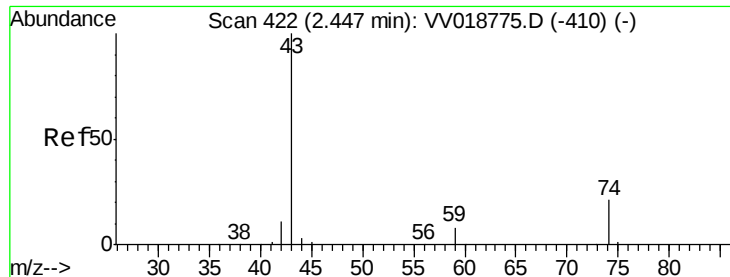
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

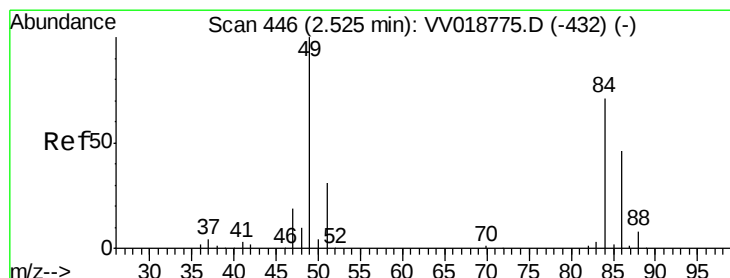
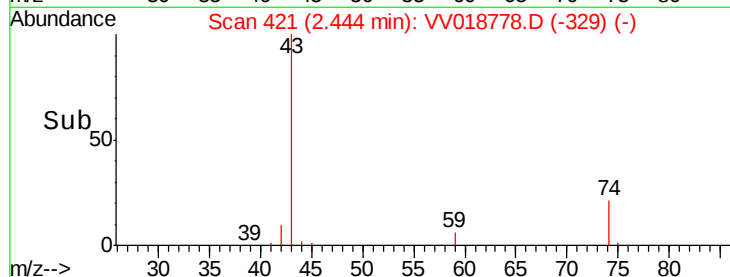
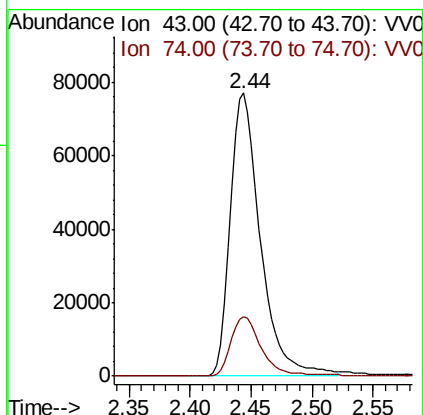
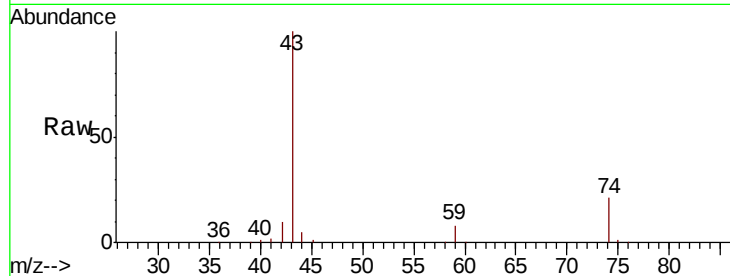




#15
Methvl Acetate
Concen: 44.791 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

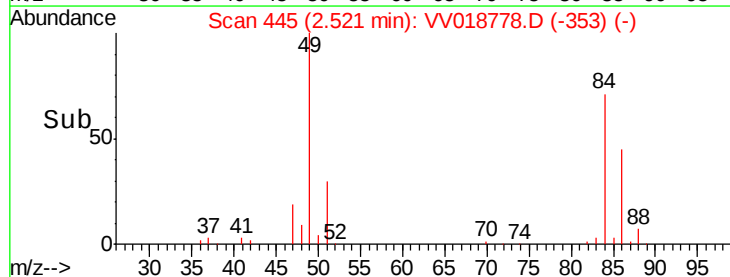
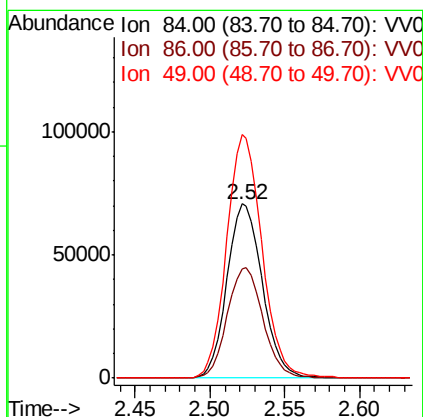
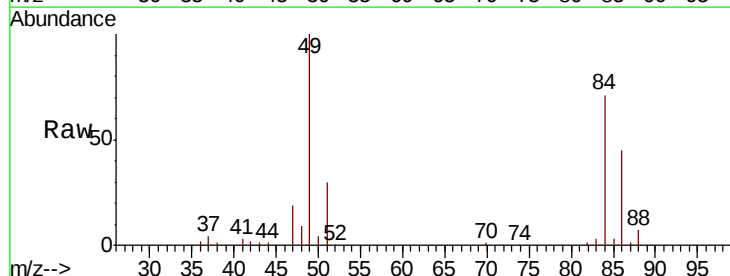
Instrument :
MSVOA_V
ClientSampleId :
VICV65

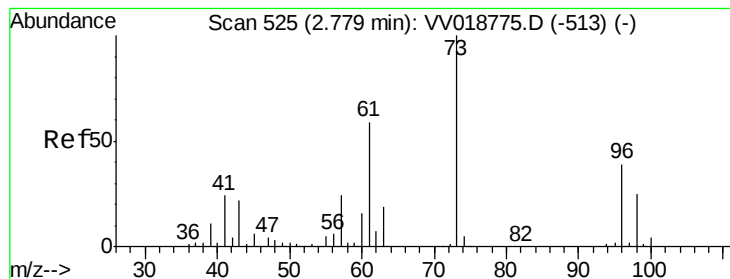
Tot Ion: 43 Resp: 132482
Ion Ratio Lower Upper
43 100
74 21.3 16.9 25.3



#16
Methylene chloride
Concen: 42.070 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

Tgt Ion: 84 Resp: 116706
Ion Ratio Lower Upper
84 100
86 62.9 45.2 84.0
49 139.9 97.9 181.9





#17

trans-1,2-Dichloroethene

Concen: 44.536 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

VICV65

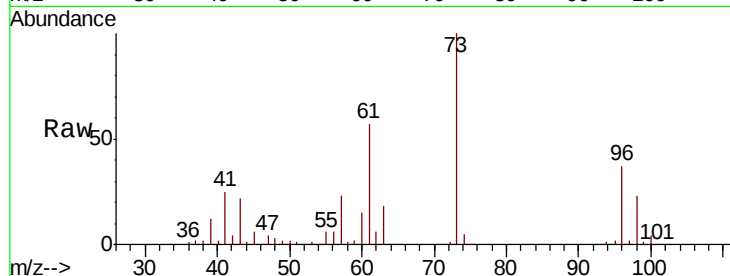
Tot Ion: 96 Resp: 105935

Ion Ratio Lower Upper

96 100

61 153.4 105.7 196.3

98 62.6 44.7 83.1

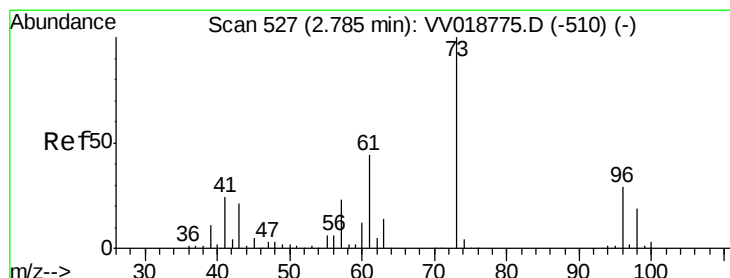
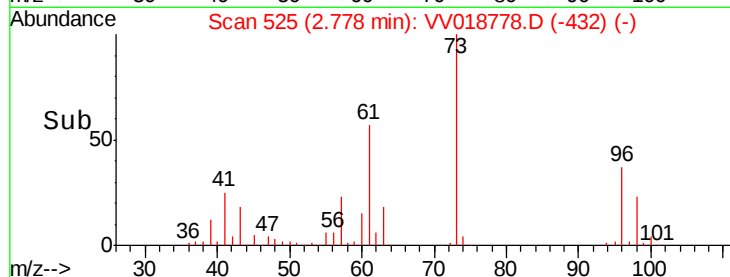
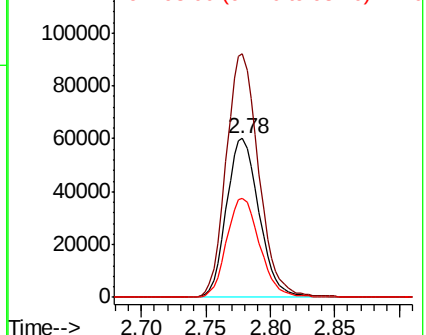


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 45.875 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

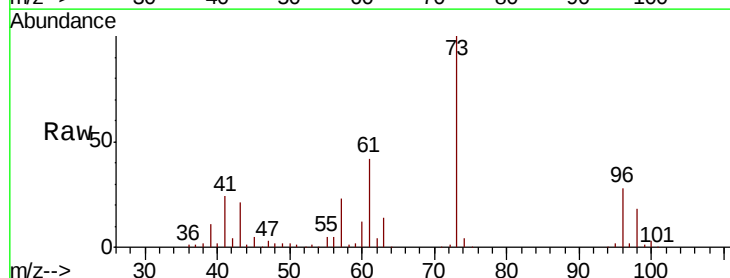
Tgt Ion: 73 Resp: 365910

Ion Ratio Lower Upper

73 100

43 21.4 17.3 25.9

57 23.0 18.5 27.7

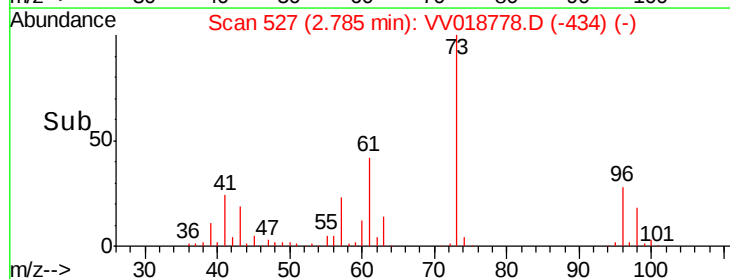
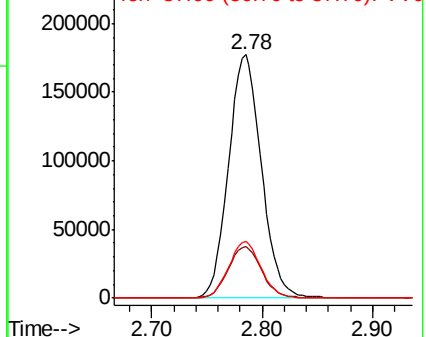


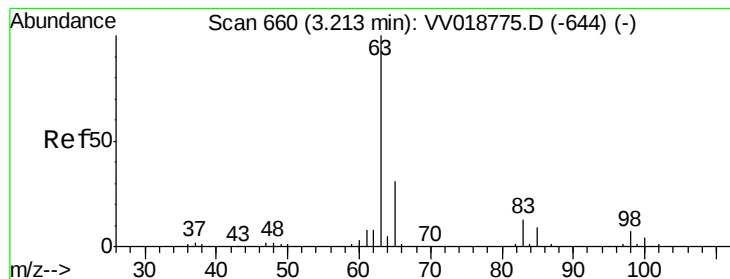
Abundance

Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 46.951 ug/L

RT: 3.21 min Scan# 659

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampled :

VICV65

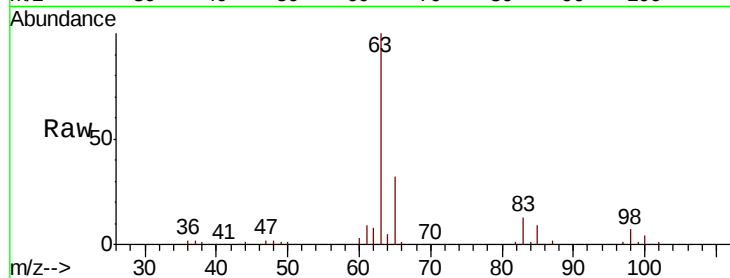
Tot Ion: 63 Resp: 219175

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

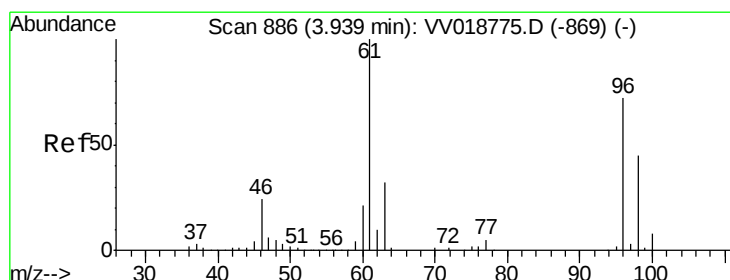
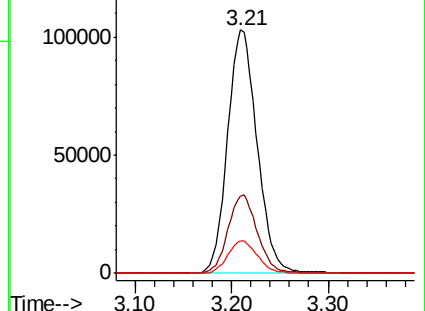
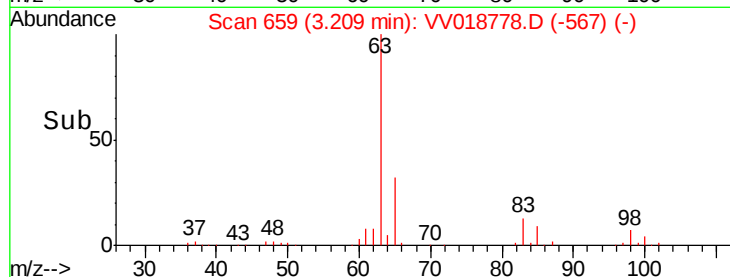
83 13.3 9.2 17.0



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 47.491 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

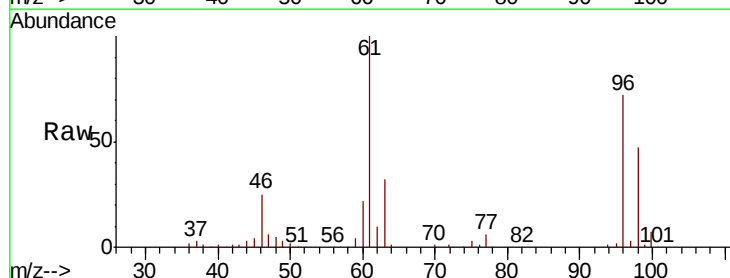
Tgt Ion: 96 Resp: 119389

Ion Ratio Lower Upper

96 100

61 138.0 97.3 180.7

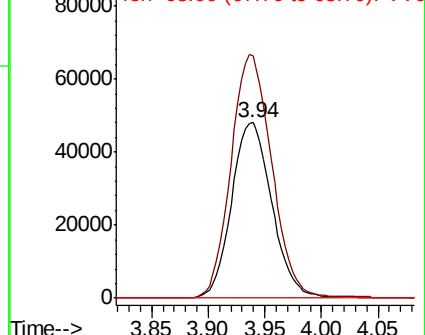
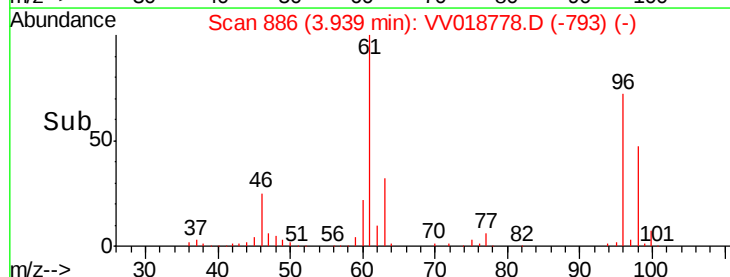
68 0.0 0.0 0.0

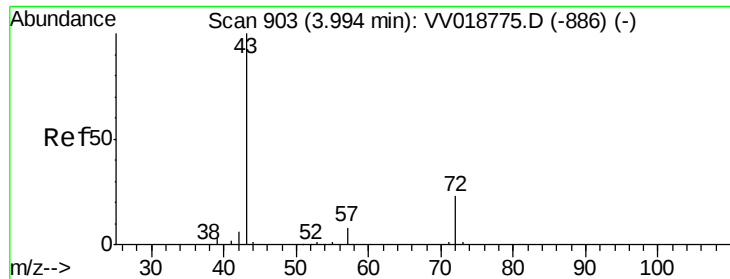


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 101.475 ug/L

RT: 3.99 min Scan# 901

Delta R.T. -0.01 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

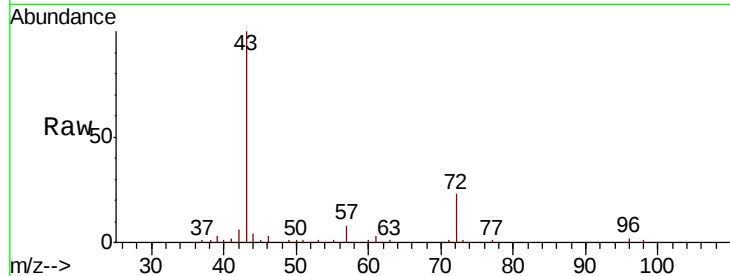
VICV65

Tot Ion: 43 Resp: 180024

Ion Ratio Lower Upper

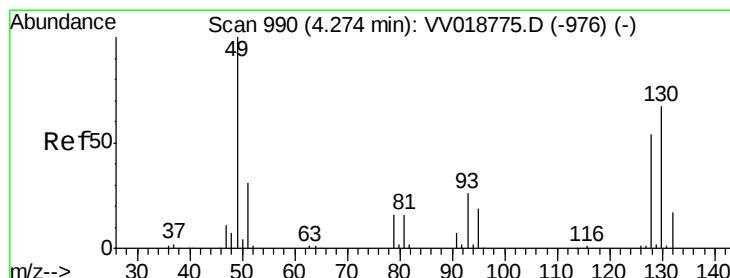
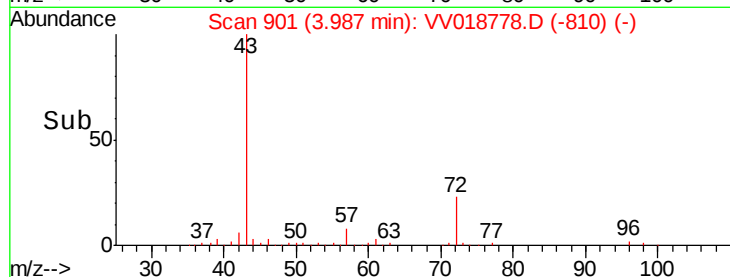
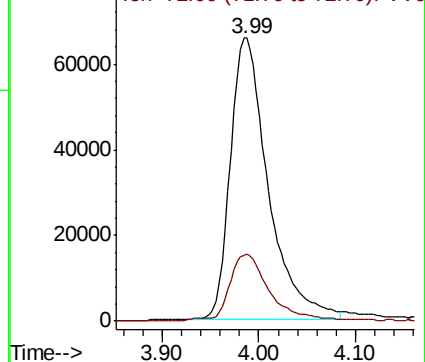
43 100

72 22.7 10.5 31.5



Abundance Ion 43.00 (42.70 to 43.70): VV018778.D (-810) (-)

Ion 72.00 (71.70 to 72.70): VV018778.D (-810) (-)



#23

Bromochloromethane

Concen: 47.161 ug/L

RT: 4.27 min Scan# 990

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Tgt Ion: 128 Resp: 61466

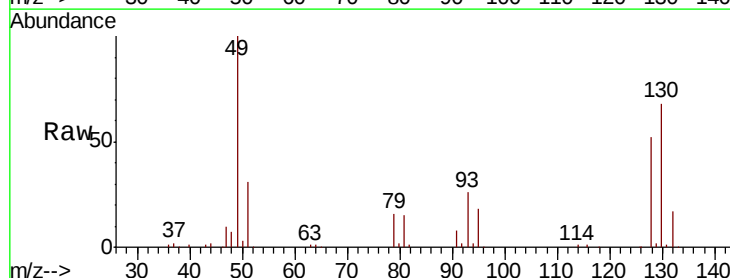
Ion Ratio Lower Upper

128 100

49 192.7 129.7 240.9

130 131.1 86.7 161.1

51 59.2 45.9 68.9

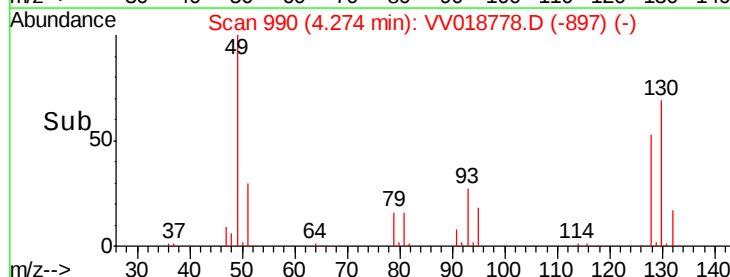
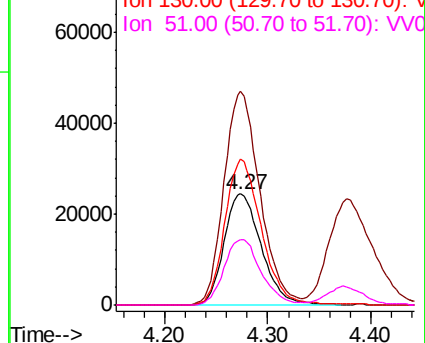


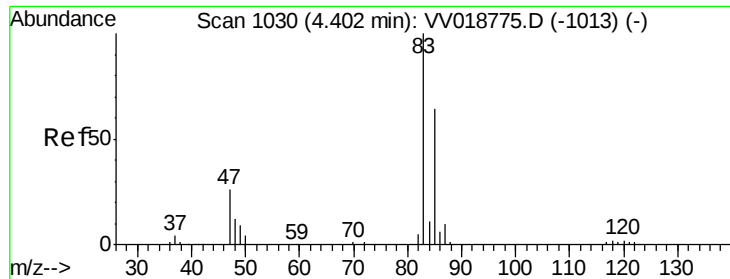
Abundance Ion 128.00 (127.70 to 128.70): VV018778.D (-897) (-)

Ion 49.00 (48.70 to 49.70): VV018778.D (-897) (-)

Ion 130.00 (129.70 to 130.70): VV018778.D (-897) (-)

Ion 51.00 (50.70 to 51.70): VV018778.D (-897) (-)

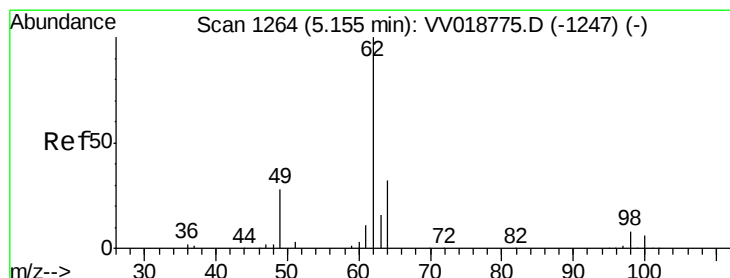
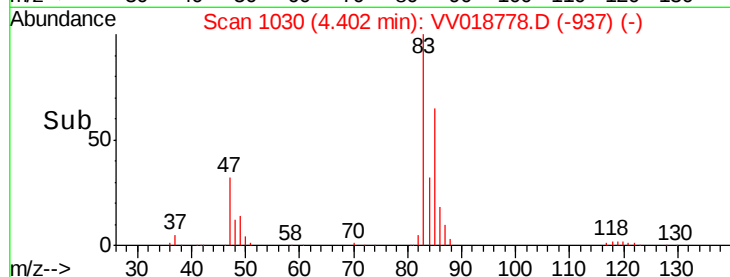
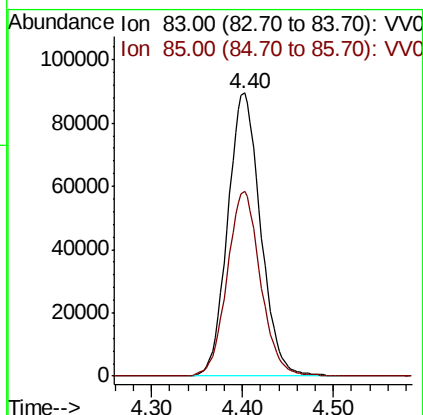
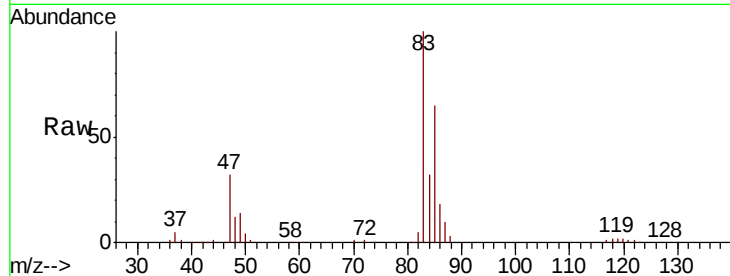




#25
Chloroform
Concen: 46.892 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

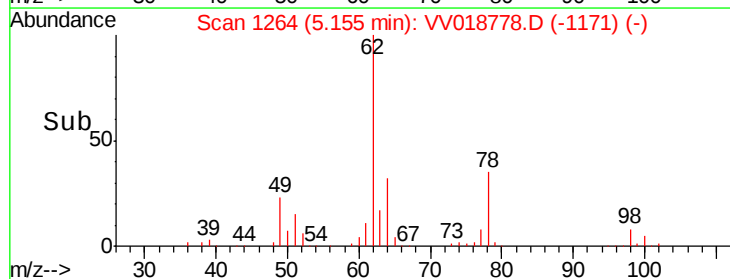
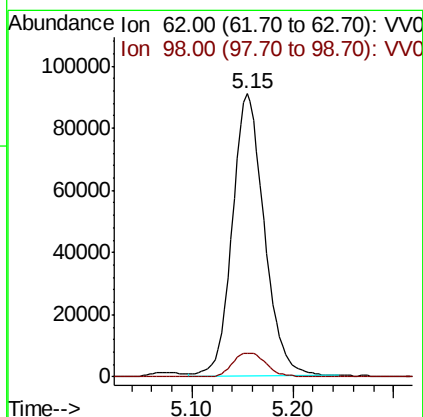
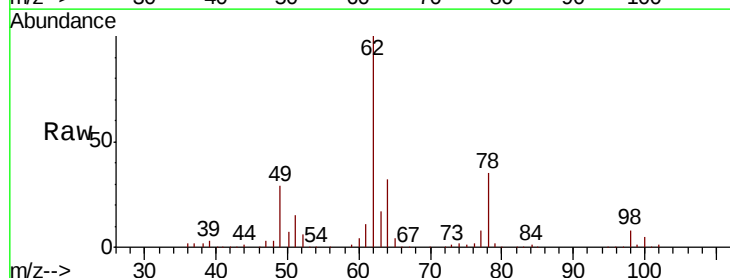
Instrument :
MSVOA_V
ClientSampleId :
VICV65

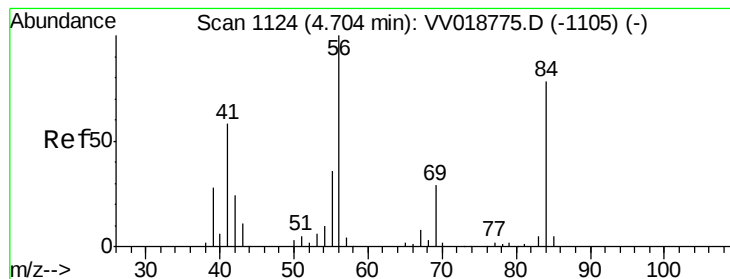
Tot Ion: 83 Resp: 224660
Ion Ratio Lower Upper
83 100
85 65.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 51.330 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

Tgt Ion: 62 Resp: 200074
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 50.280 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

VICV65

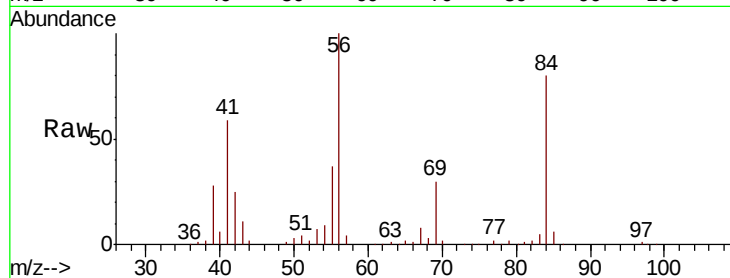
Tot Ion: 56 Resp: 186127

Ion Ratio Lower Upper

56 100

69 29.8 23.1 34.7

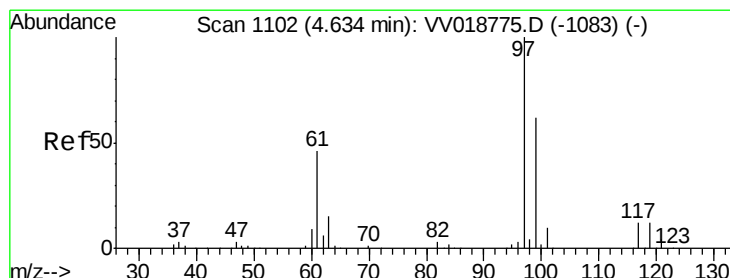
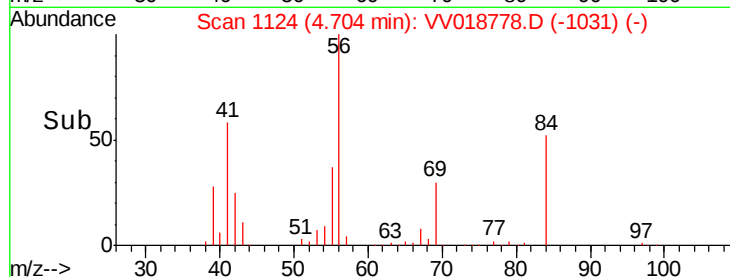
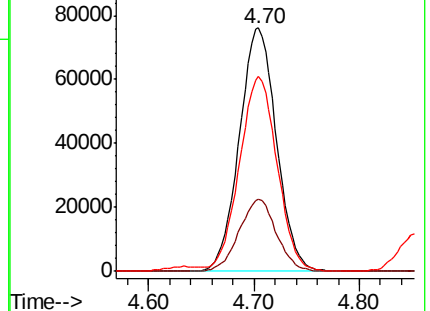
84 81.1 65.2 97.8



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 48.624 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

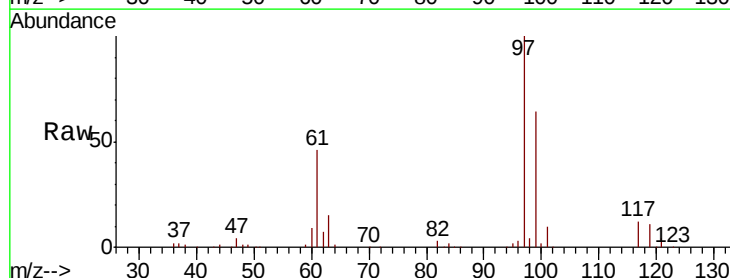
Tgt Ion: 97 Resp: 198099

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

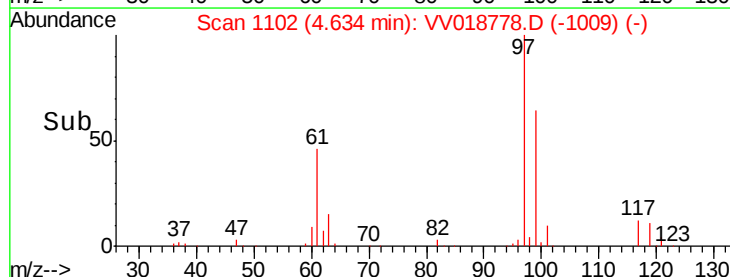
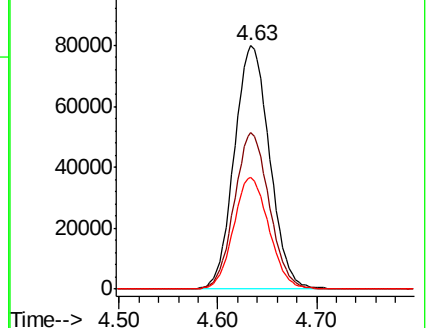
61 46.2 37.0 55.4

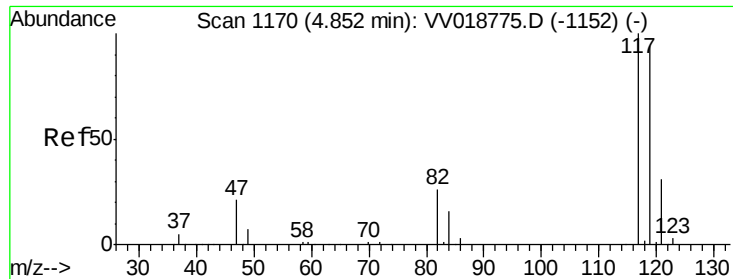


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

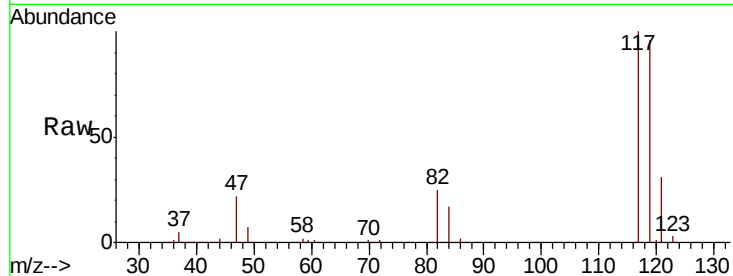




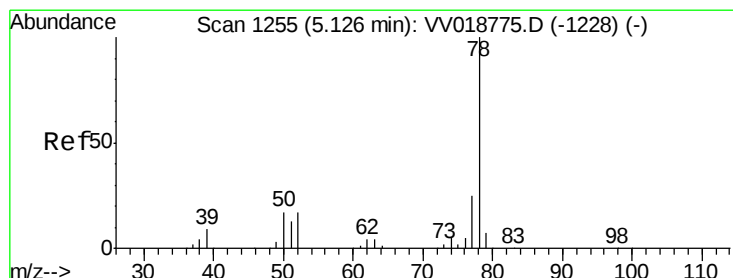
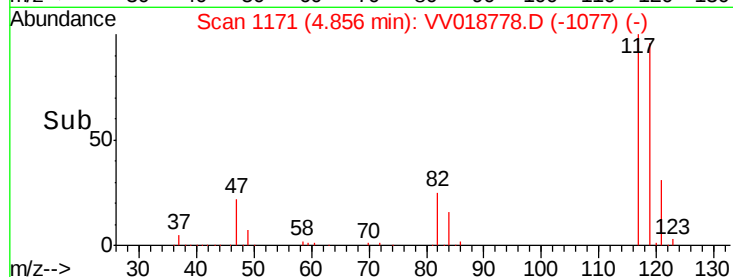
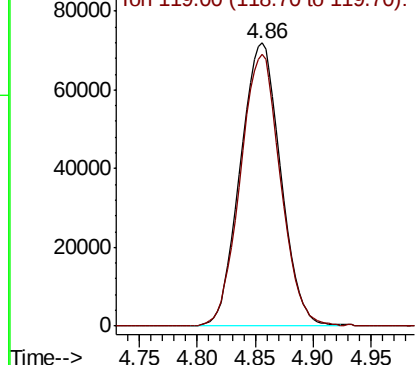
#31
Carbon tetrachloride
Concen: 50.700 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

Instrument :
MSVOA_V
ClientSampleId :
VICV65

Tot Ion:117 Resp: 174094
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5

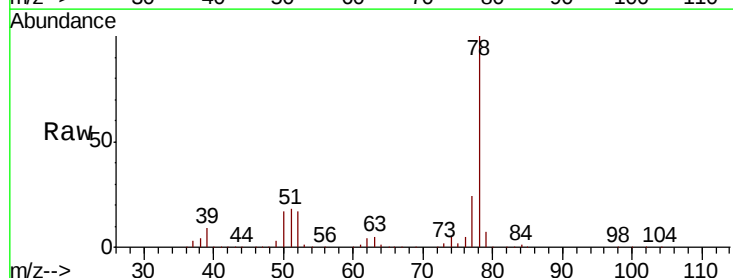


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V

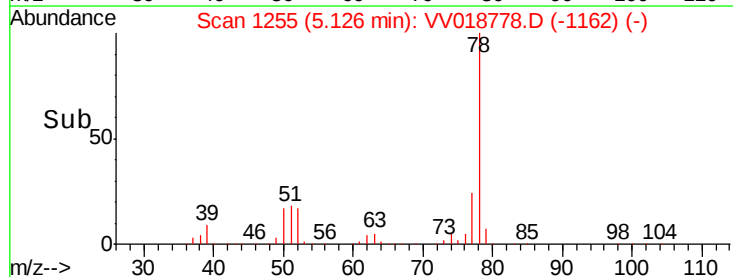
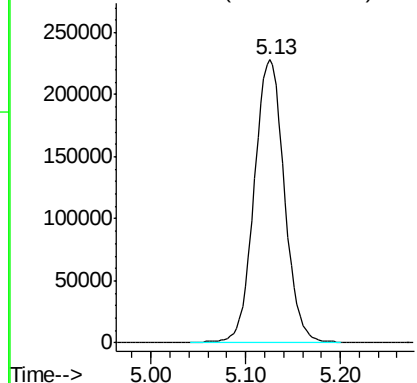


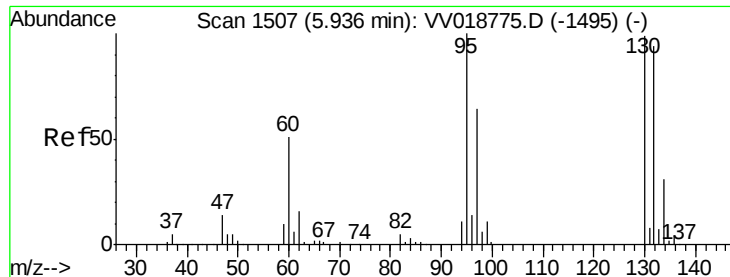
#33
Benzene
Concen: 52.189 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

Tgt Ion: 78 Resp: 506117



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 51.229 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampled :

VICV65

Tot Ion: 95 Resp: 142987

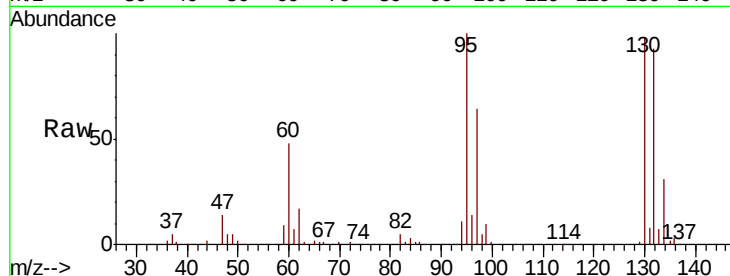
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 92.8 66.2 123.0

130 98.2 69.1 128.3

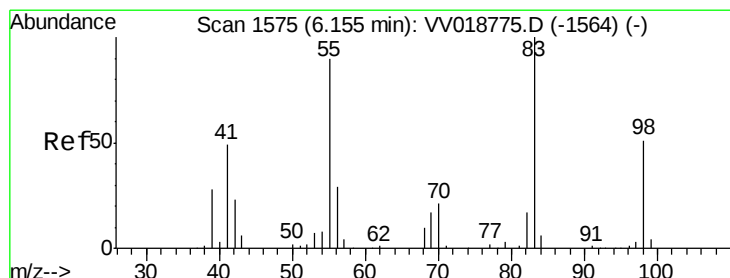
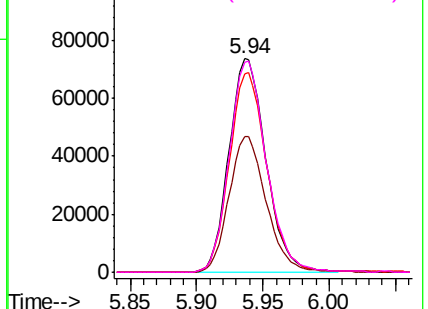
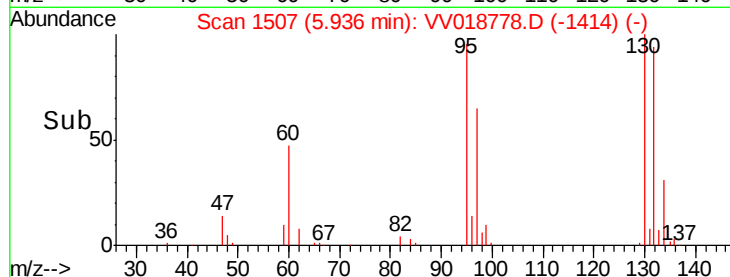


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 51.758 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

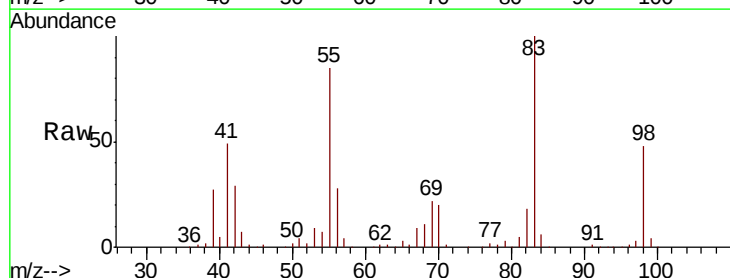
Tgt Ion: 83 Resp: 176767

Ion Ratio Lower Upper

83 100

55 84.2 67.0 100.4

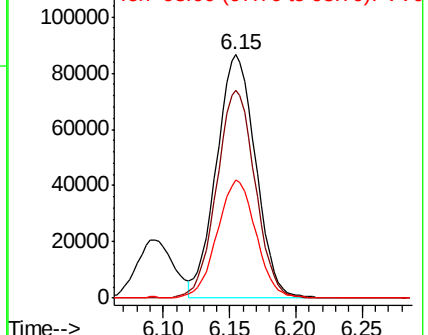
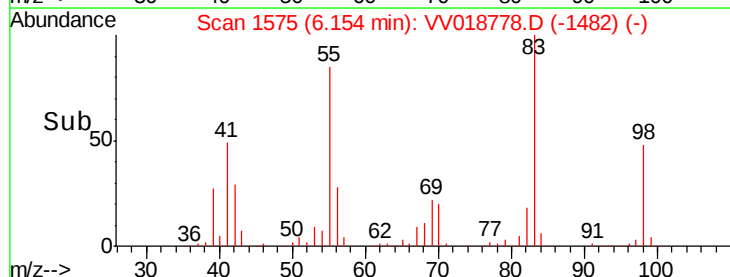
98 48.2 38.8 58.2

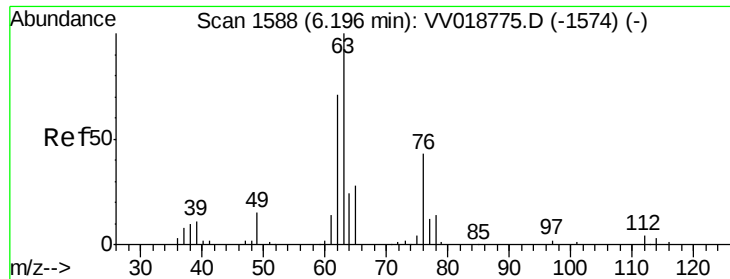


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

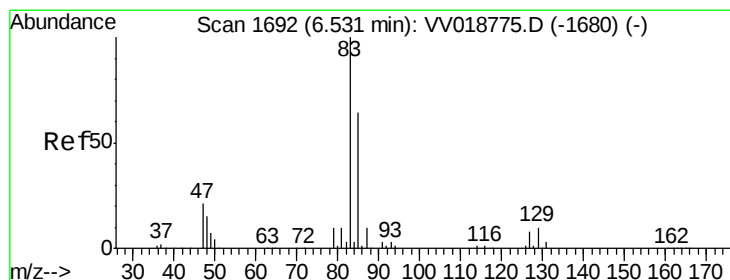
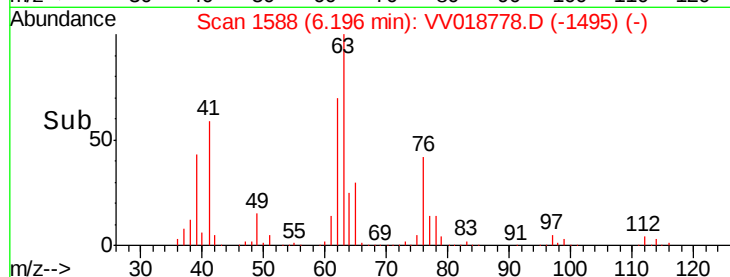
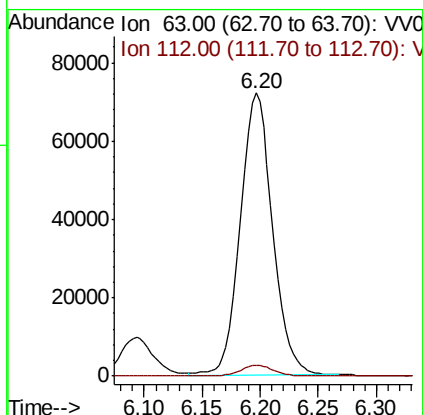
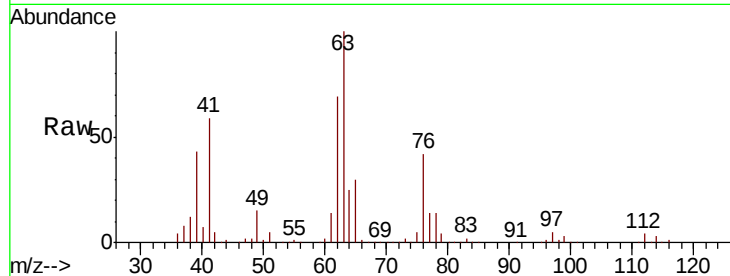




#37
 1,2-Dichloropropane
 Concen: 52.360 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

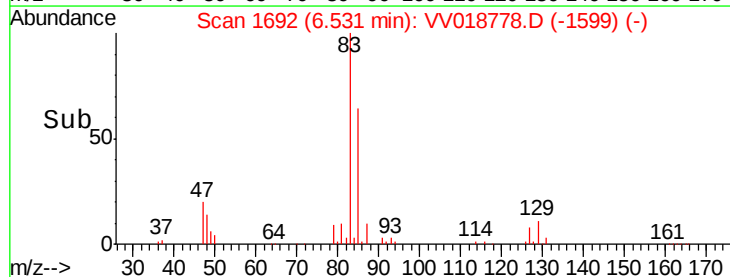
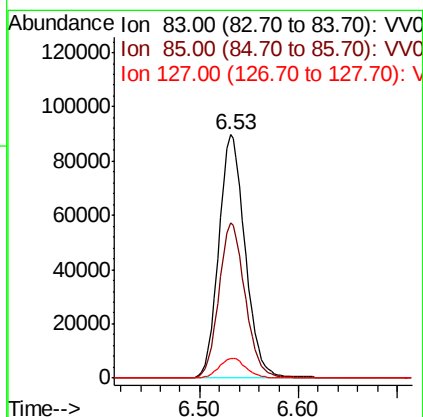
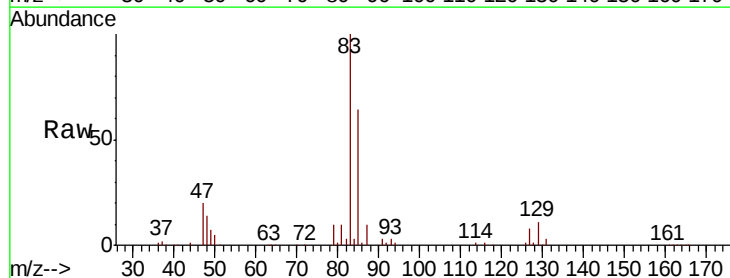
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

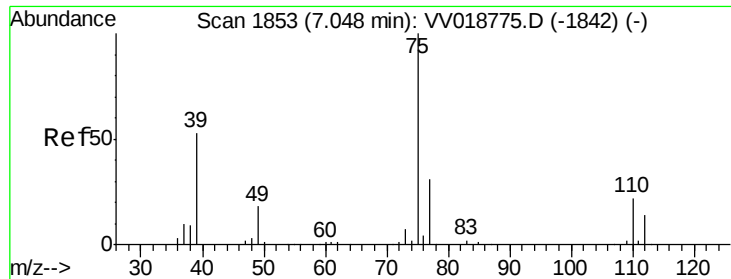
Tot Ion: 63 Resp: 139483
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.4 5.2



#38
 Bromodichloromethane
 Concen: 49.851 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

Tgt Ion: 83 Resp: 168654
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.1 83.7
 127 7.9 6.6 10.0

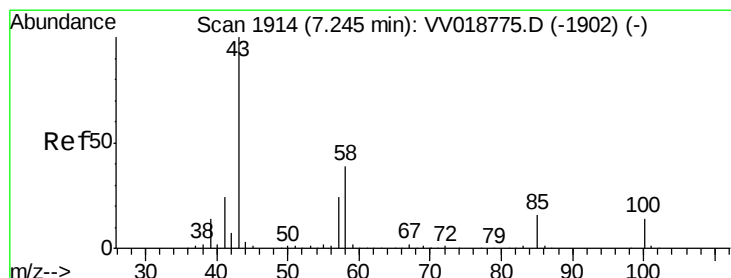
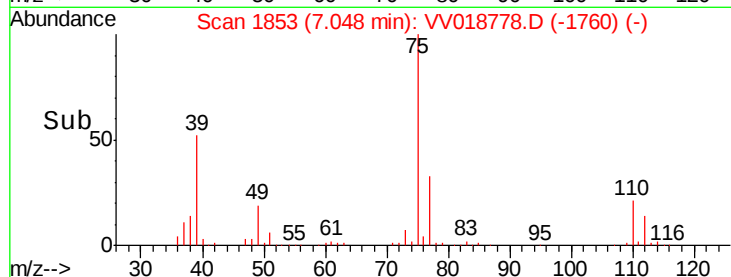
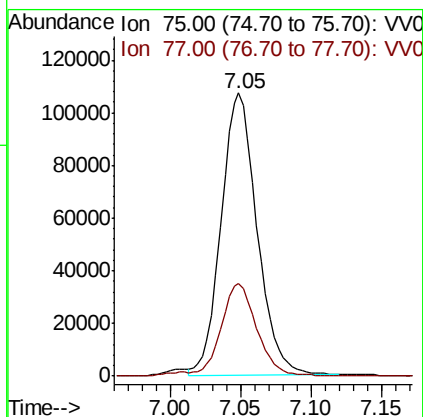
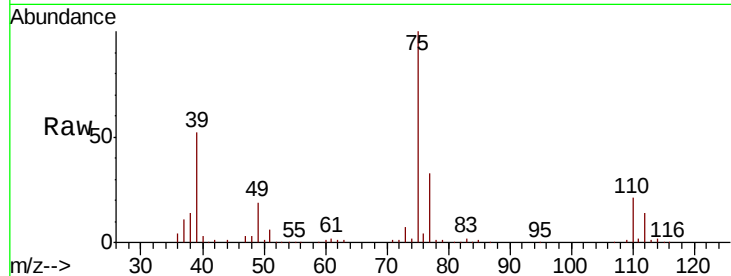




#39
 cis-1,3-Dichloropropene
 Concen: 50.518 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

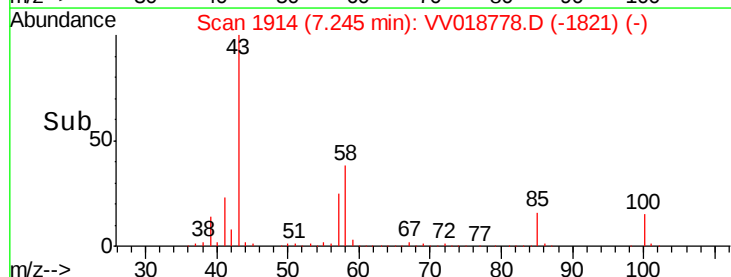
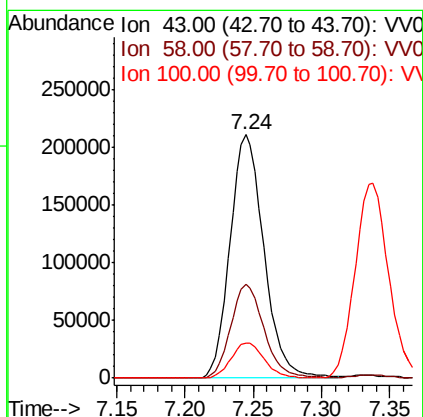
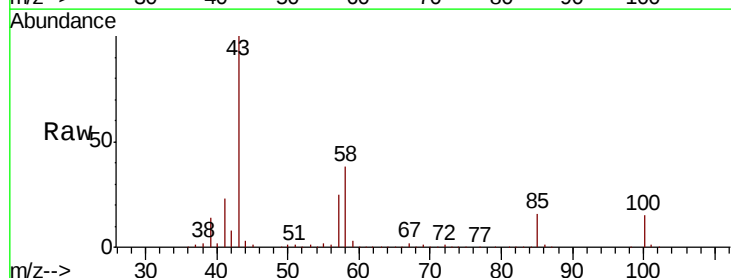
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

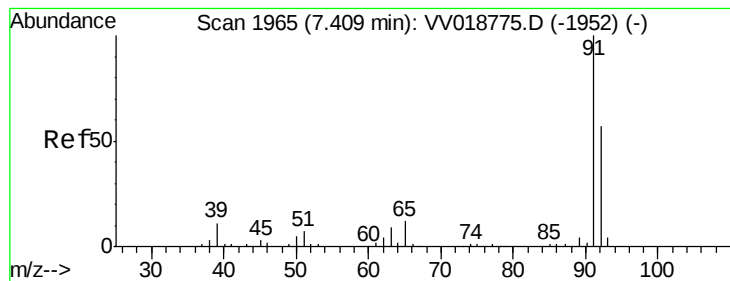
Tot Ion: 75 Resp: 190115
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 105.261 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

Tgt Ion: 43 Resp: 364401
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.4
 100 14.3 11.4 17.2





#42

Toluene

Concen: 49.990 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

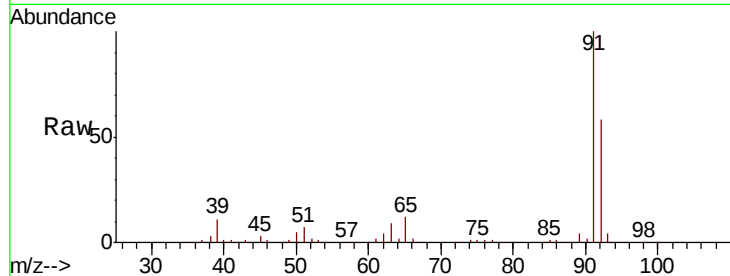
VICV65

Tot Ion: 91 Resp: 497957

Ion Ratio Lower Upper

91 100

92 58.1 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

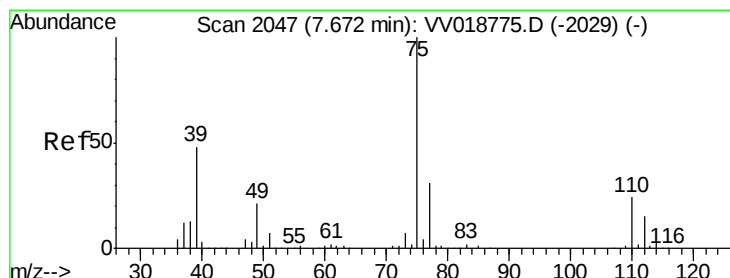
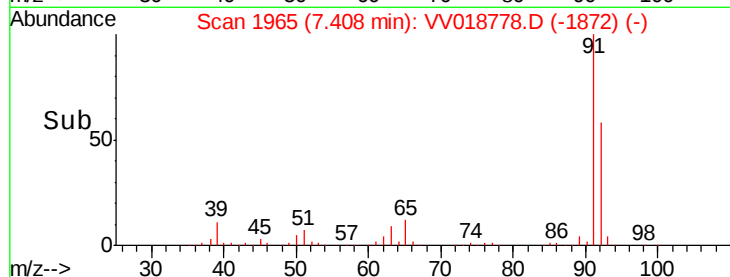
300000

200000

100000

0

Time--> 7.30 7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 50.498 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VV018778.D

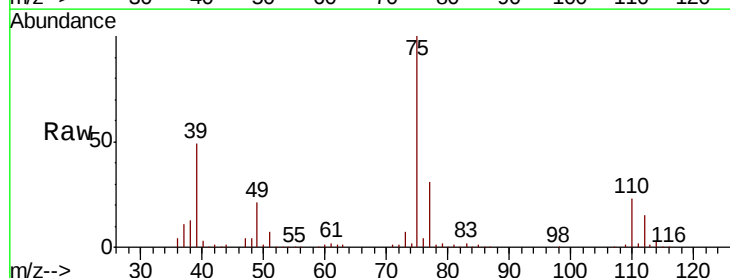
Acq: 08 Oct 2020 22:15

Tgt Ion: 75 Resp: 194742

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.67

120000

100000

80000

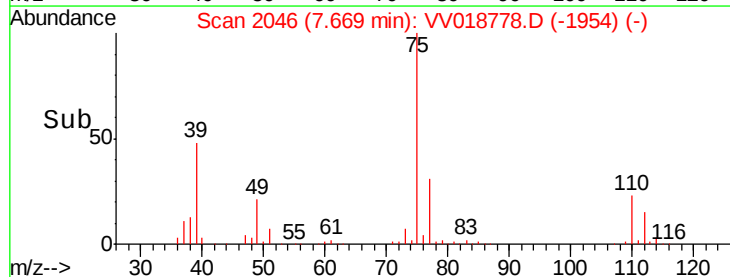
60000

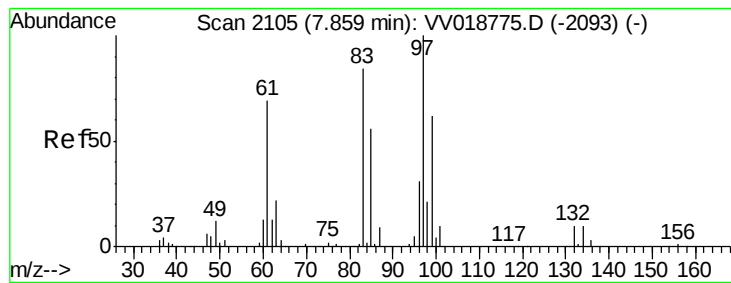
40000

20000

0

Time--> 7.60 7.65 7.70 7.75





#45

1,1,2-Trichloroethane

Concen: 48.352 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampled :

VICV65

Tot Ion: 97 Resp: 115685

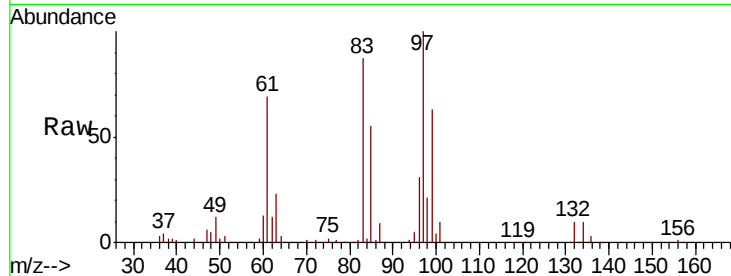
Ion Ratio Lower Upper

97 100

99 63.2 43.4 80.6

83 86.7 58.7 108.9

85 55.0 39.4 73.2



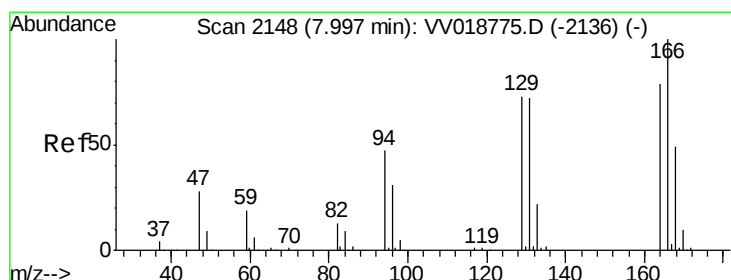
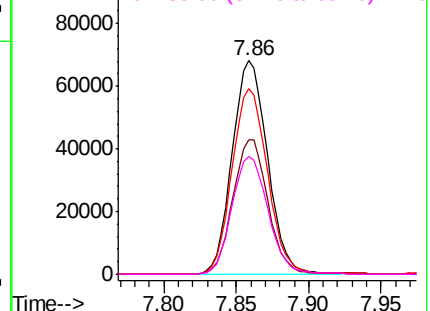
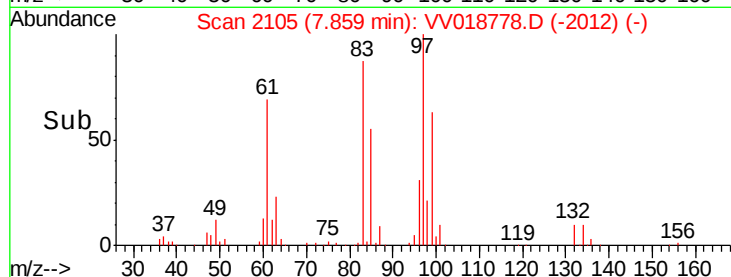
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 46.772 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Tgt Ion: 164 Resp: 95674

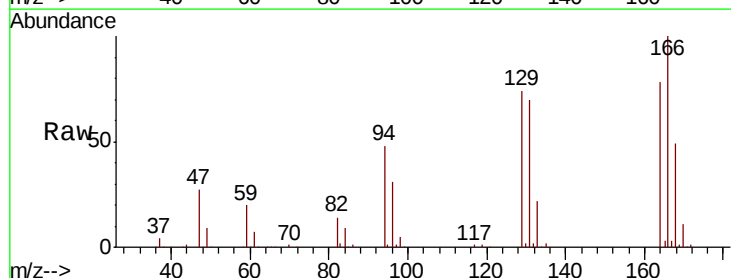
Ion Ratio Lower Upper

164 100

129 95.2 64.6 120.0

131 90.2 63.6 118.0

166 128.3 88.3 164.1



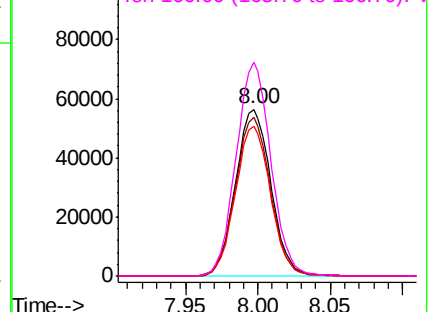
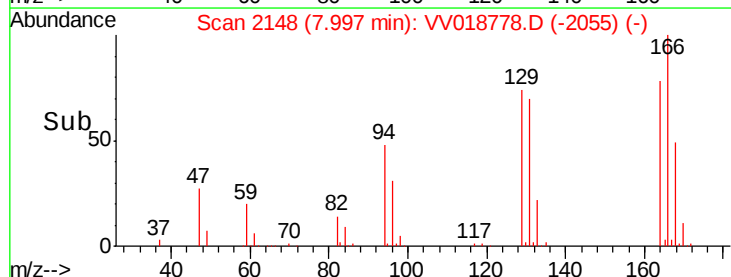
Abundance

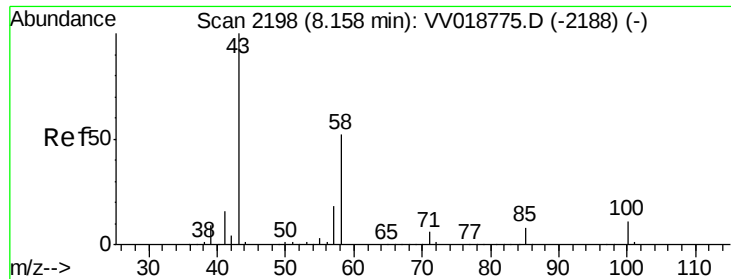
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

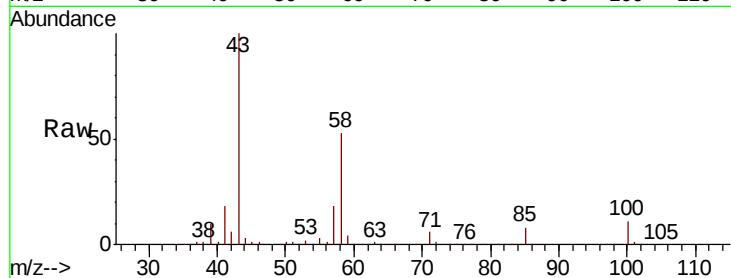




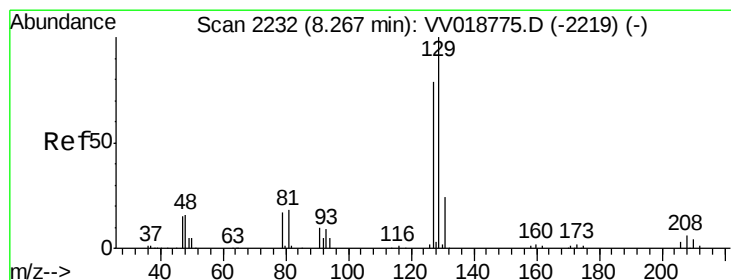
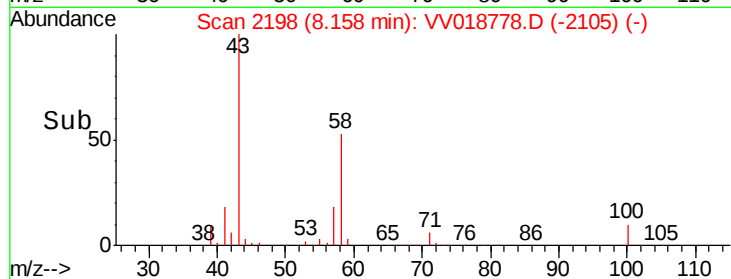
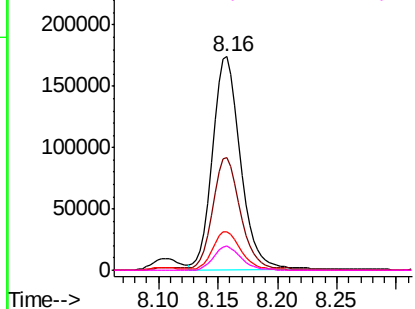
#48
2-Hexanone
Concen: 104.091 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

Instrument :
MSVOA_V
ClientSampleId :
VICV65

Tot Ion: 43 Resp: 284465
Ion Ratio Lower Upper
43 100
58 51.9 41.8 62.8
57 17.9 14.9 22.3
100 11.1 9.2 13.8

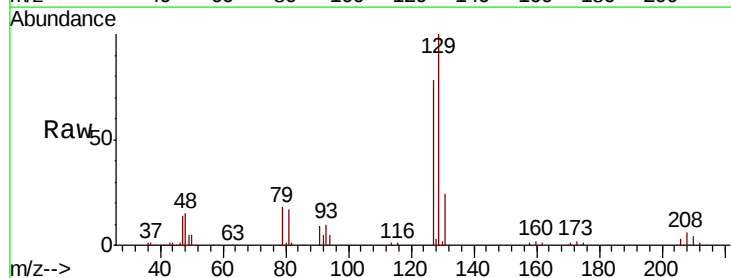


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

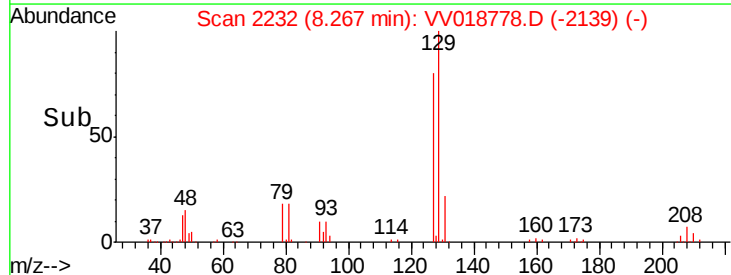
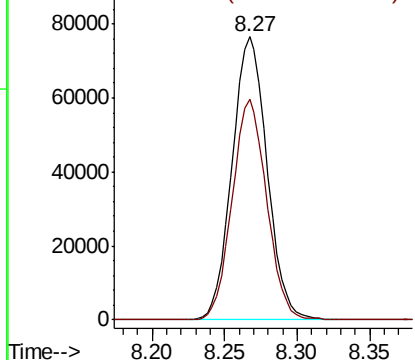


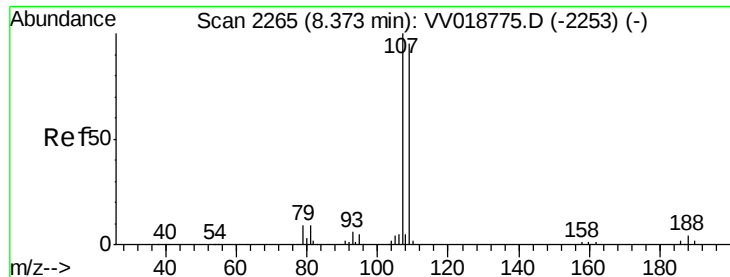
#49
Dibromochloromethane
Concen: 49.044 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV018778.D
Acq: 08 Oct 2020 22:15

Tgt Ion: 129 Resp: 128254
Ion Ratio Lower Upper
129 100
127 78.2 55.3 102.7



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

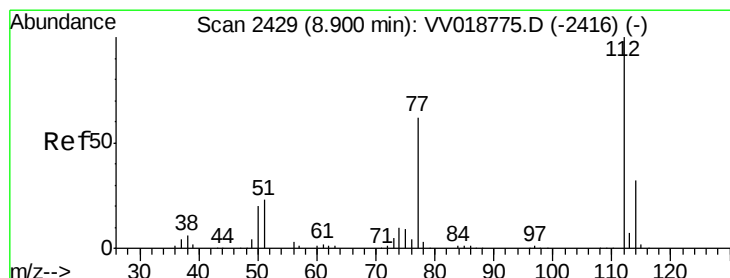
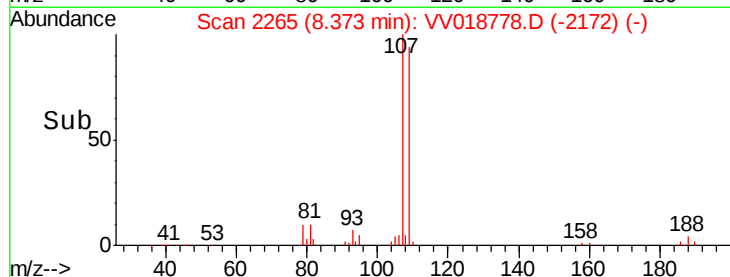
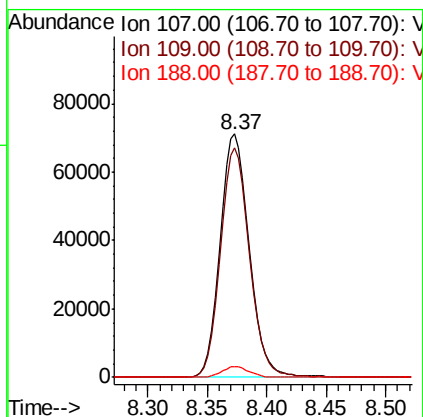
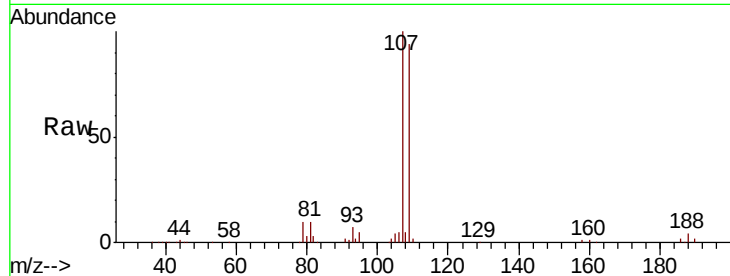




#50
 1,2-Dibromoethane
 Concen: 49.229 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

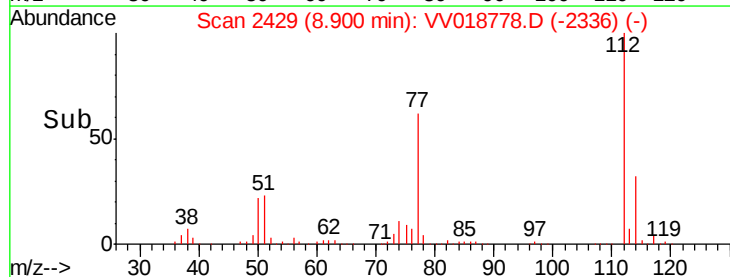
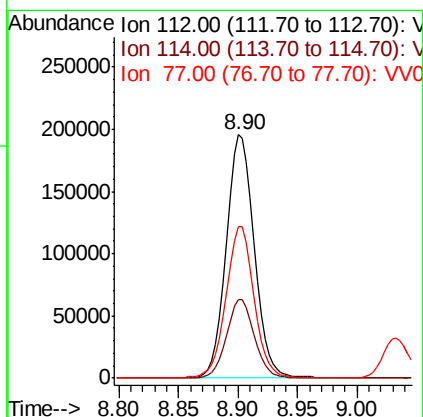
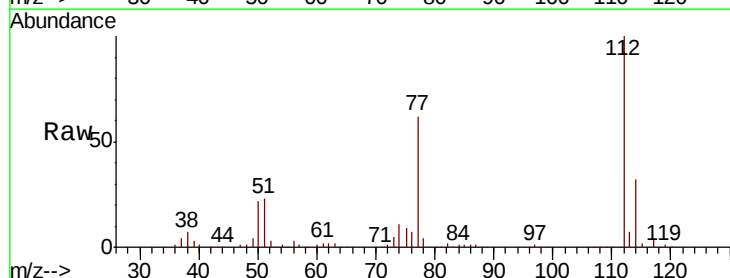
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

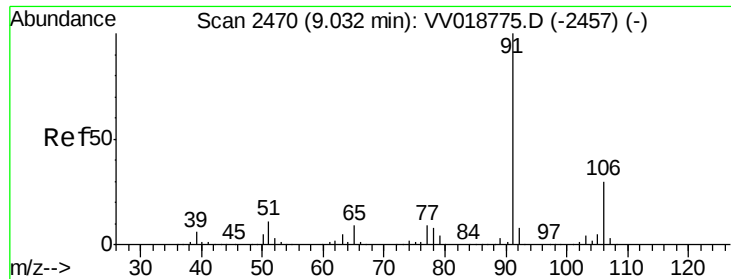
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	66.4	123.2
188	4.4	3.1	4.7



#51
 Chlorobenzene
 Concen: 48.354 ug/L
 RT: 8.90 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	41.0
77	62.4	49.8	74.6





#52

Ethylbenzene

Concen: 48.741 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

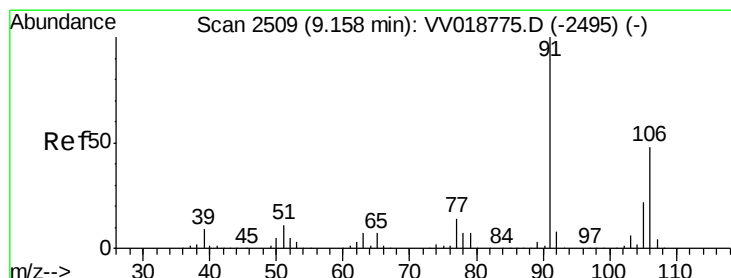
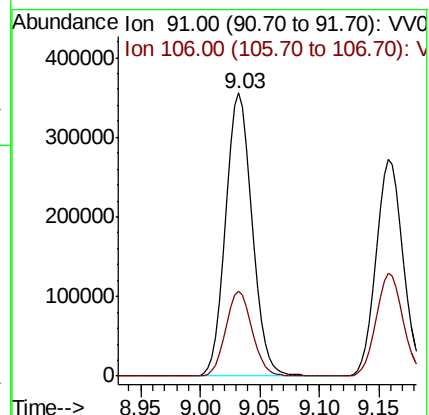
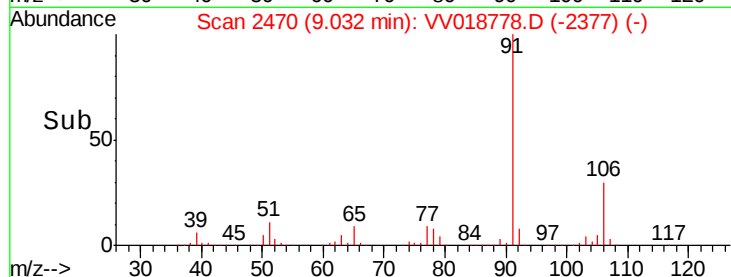
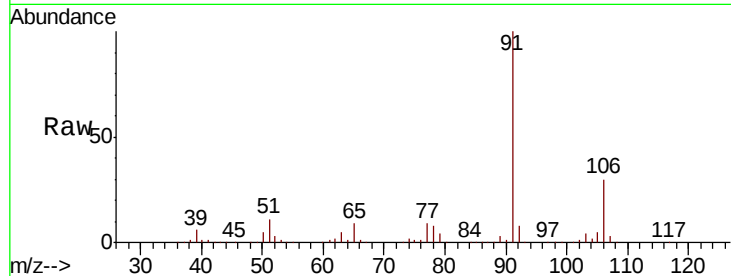
VICV65

Tot Ion: 91 Resp: 551348

Ion Ratio Lower Upper

91 100

106 30.1 20.9 38.9



#53

m,p-Xylene

Concen: 49.007 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018778.D

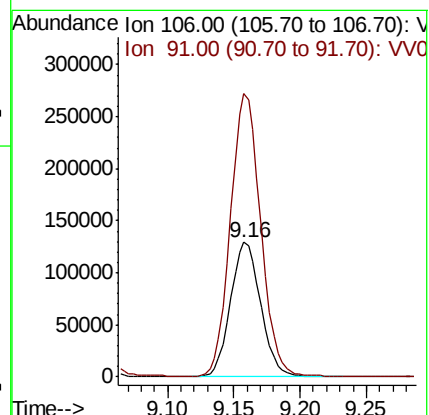
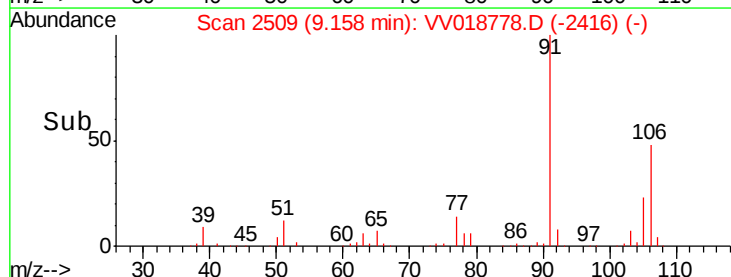
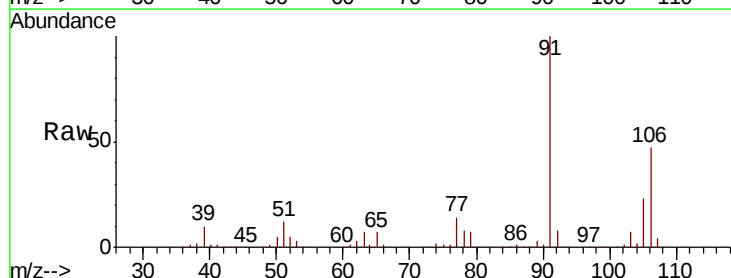
Acq: 08 Oct 2020 22:15

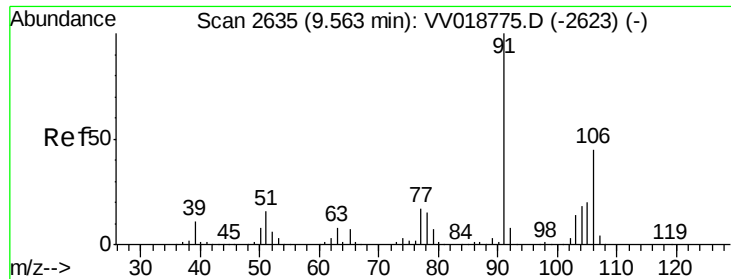
Tgt Ion: 106 Resp: 203484

Ion Ratio Lower Upper

106 100

91 210.7 147.1 273.1





#54

o-xylene

Concen: 50.444 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

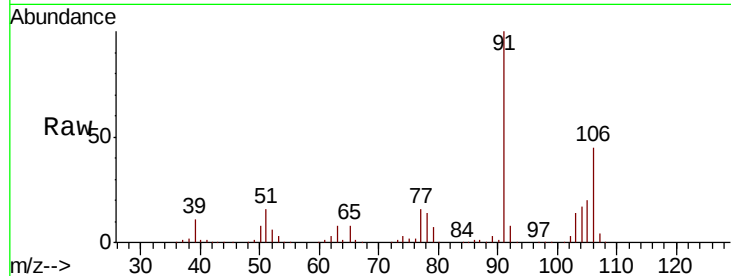
VICV65

Tot Ion:106 Resp: 198933

Ion Ratio Lower Upper

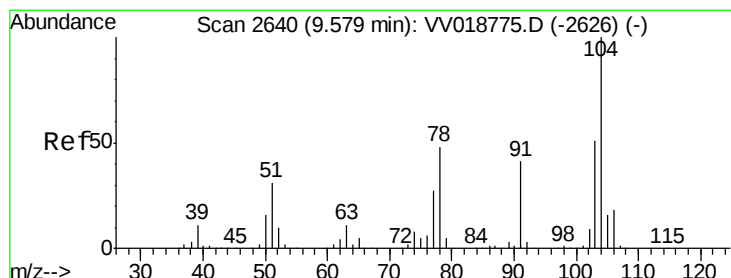
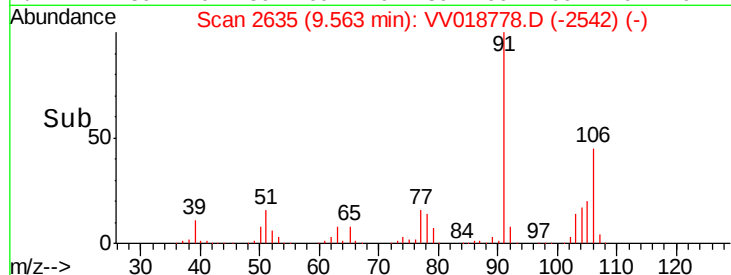
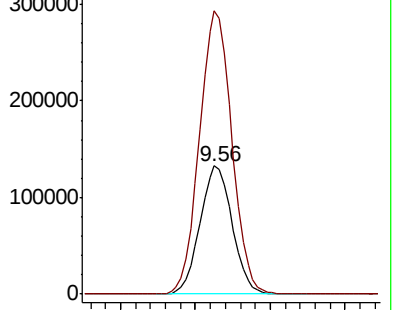
106 100

91 221.2 156.8 291.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 51.771 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. -0.00 min

Lab File: VV018778.D

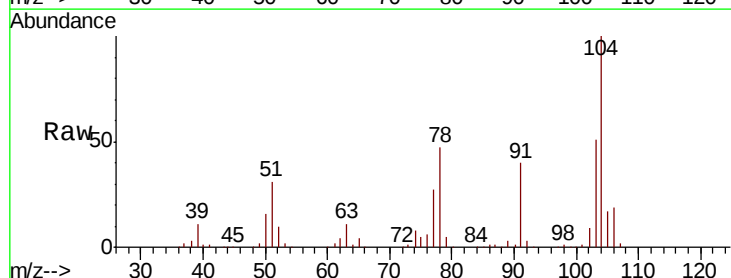
Acq: 08 Oct 2020 22:15

Tgt Ion:104 Resp: 361362

Ion Ratio Lower Upper

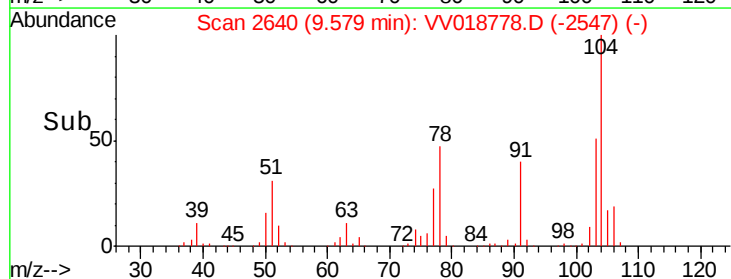
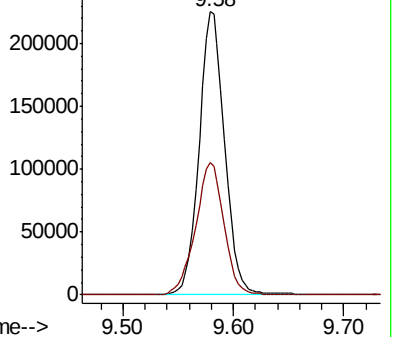
104 100

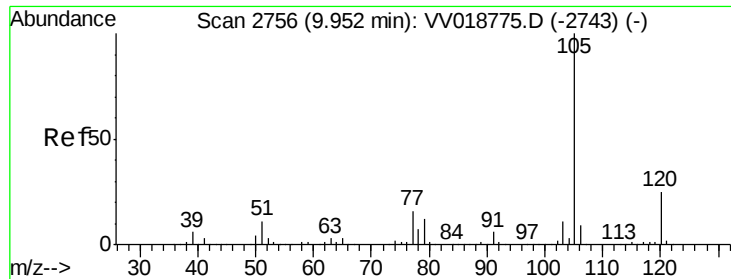
78 46.8 33.5 62.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 48.631 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

VICV65

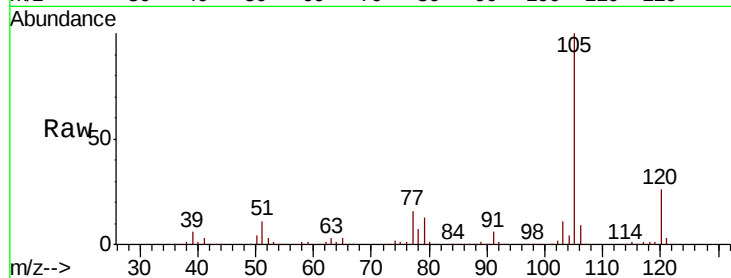
Tot Ion:105 Resp: 530643

Ion Ratio Lower Upper

105 100

120 26.1 20.4 30.6

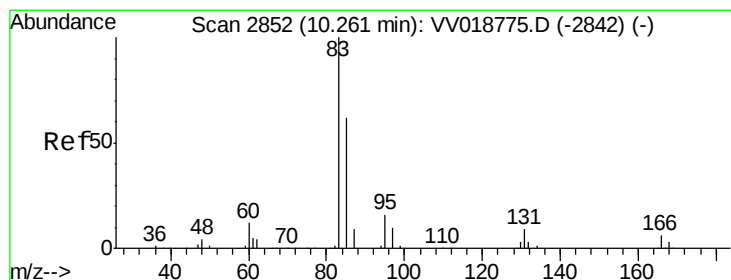
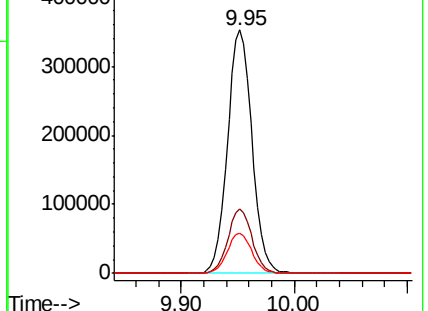
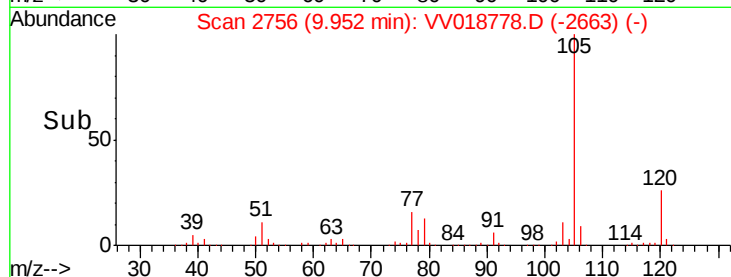
77 16.5 13.0 19.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 49.615 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

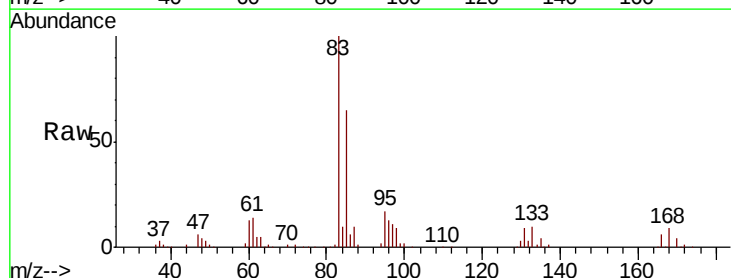
Tgt Ion: 83 Resp: 165585

Ion Ratio Lower Upper

83 100

85 65.2 44.5 82.7

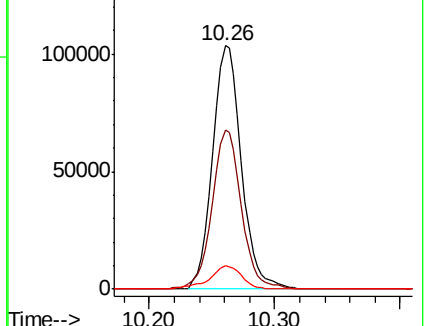
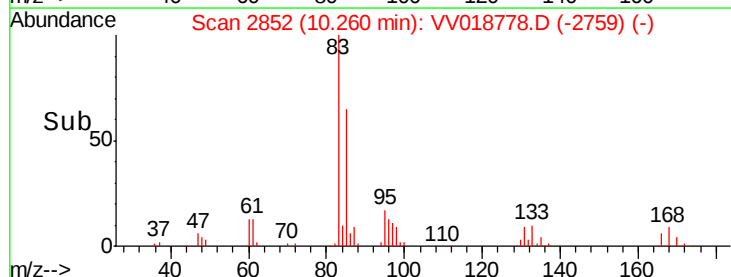
131 9.4 8.0 12.0

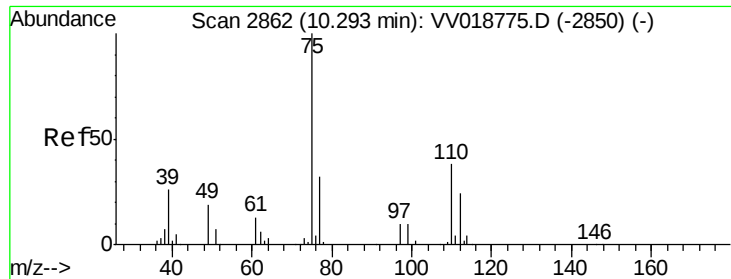


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 48.197 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

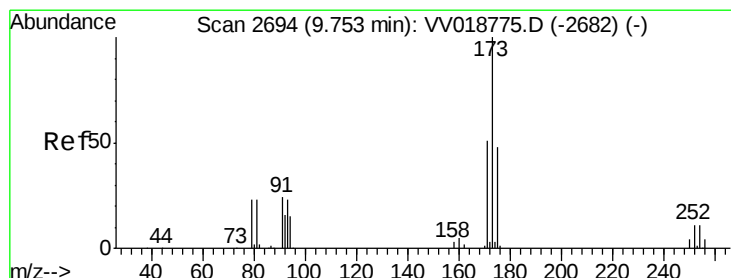
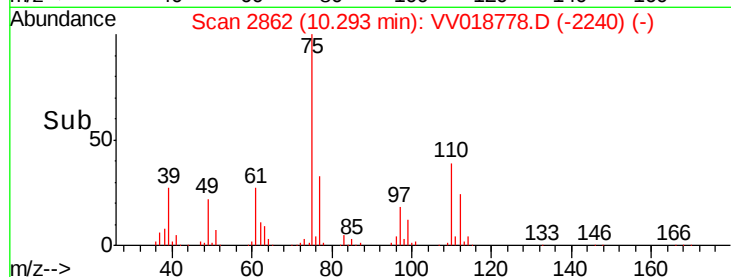
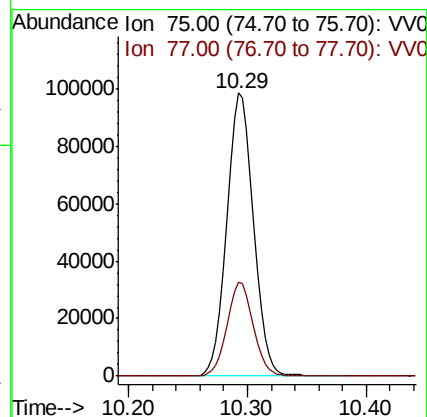
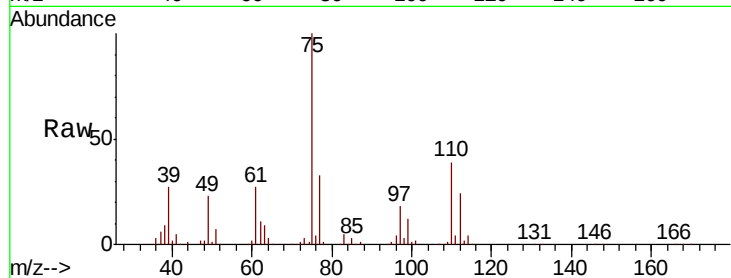
VICV65

Tot Ion: 75 Resp: 152773

Ion Ratio Lower Upper

75 100

77 32.7 25.9 38.9



#61

Bromoform

Concen: 48.723 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

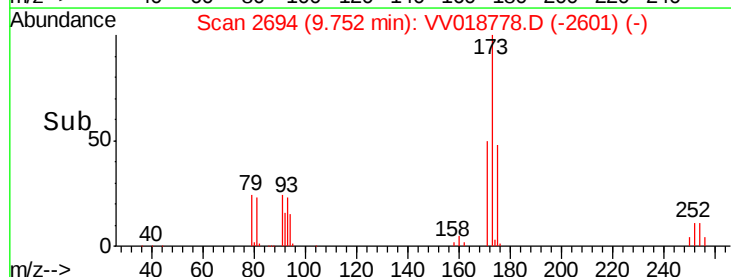
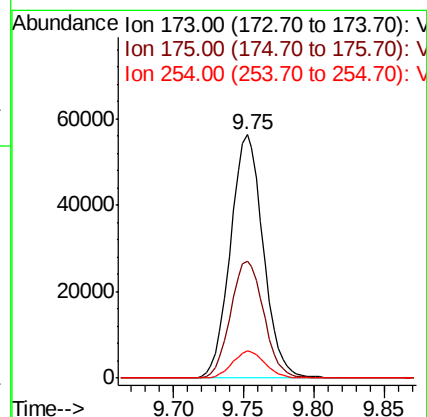
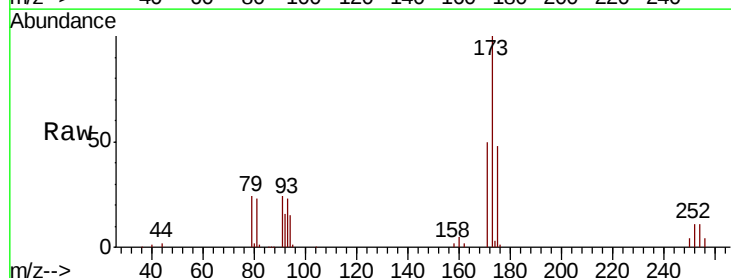
Tgt Ion: 173 Resp: 91901

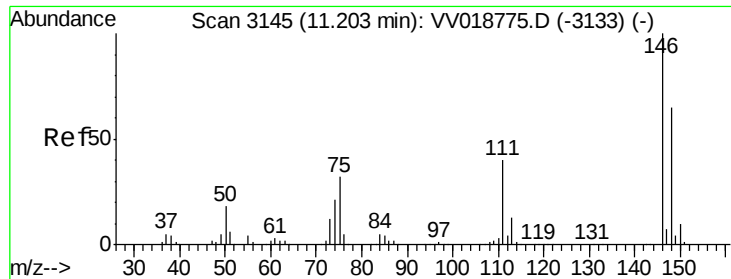
Ion Ratio Lower Upper

173 100

175 48.6 38.7 58.1

254 11.0 8.2 12.4

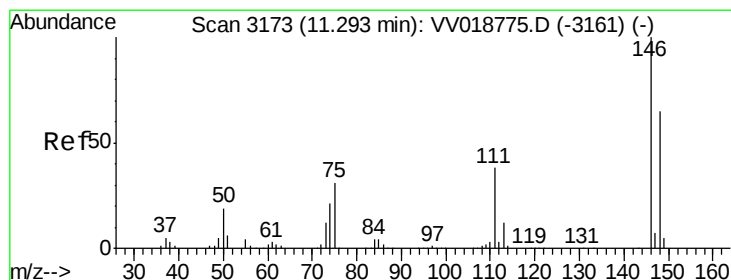
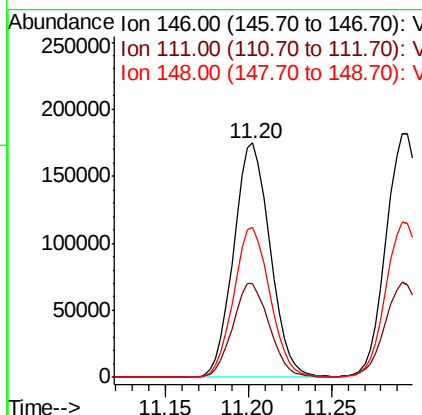
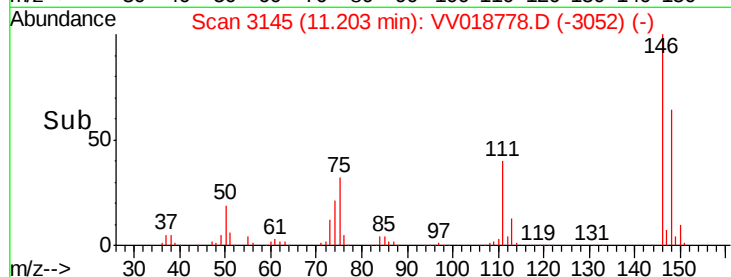
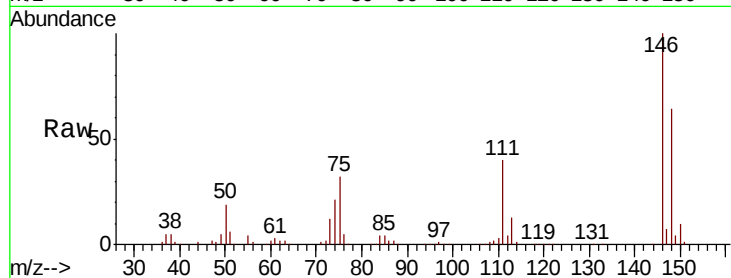




#62
 1,3-Dichlorobenzene
 Concen: 48.453 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

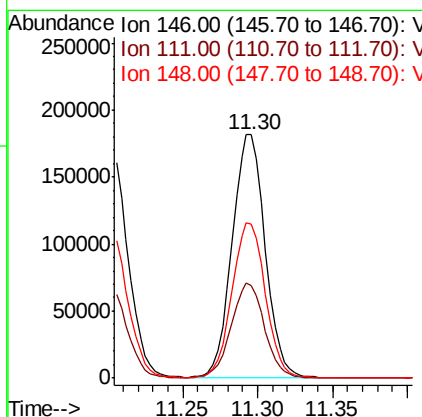
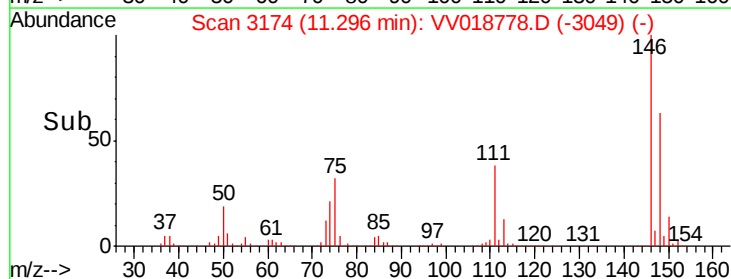
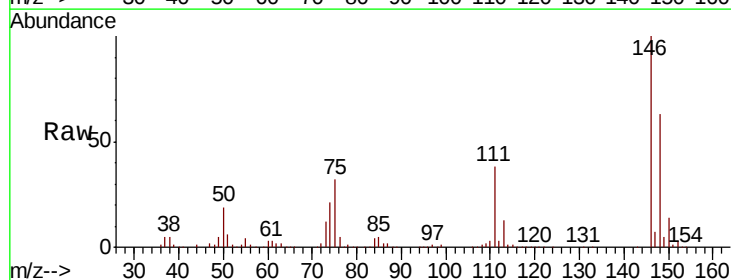
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

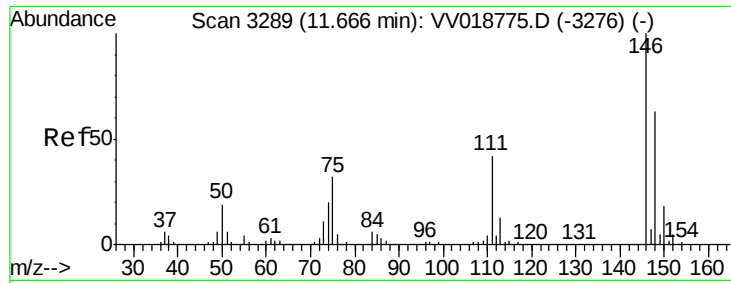
Tot Ion:146 Resp: 268543
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.8 51.6
 148 64.3 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 48.330 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

Tgt Ion:146 Resp: 278640
 Ion Ratio Lower Upper
 146 100
 111 38.1 27.1 50.3
 148 63.4 45.4 84.4





#65

1,2-Dichlorobenzene

Concen: 47.233 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

VICV65

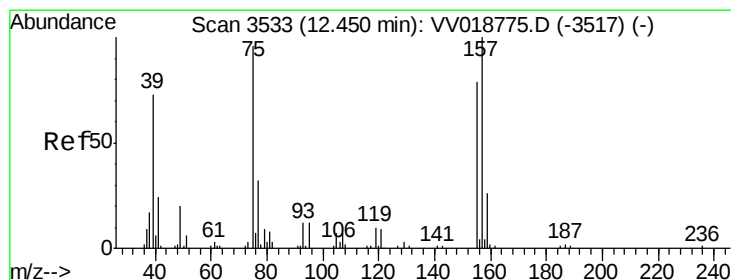
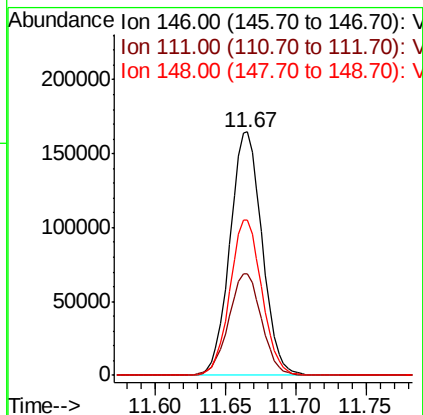
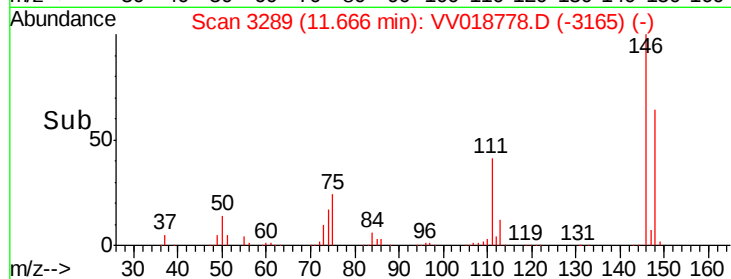
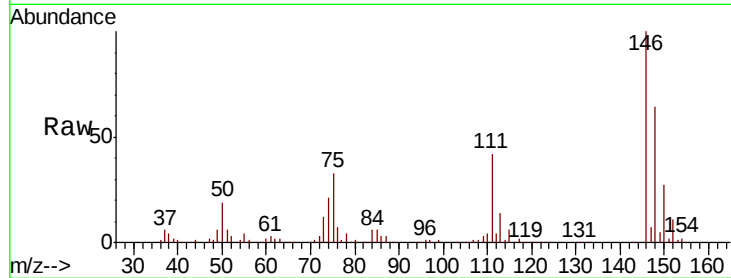
Tot Ion:146 Resp: 262817

Ion Ratio Lower Upper

146 100

111 41.8 33.8 50.6

148 63.8 50.3 75.5



#66

1,2-Dibromo-3-chloropropane

Concen: 50.248 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

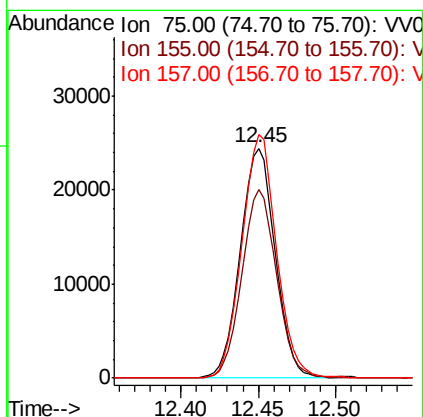
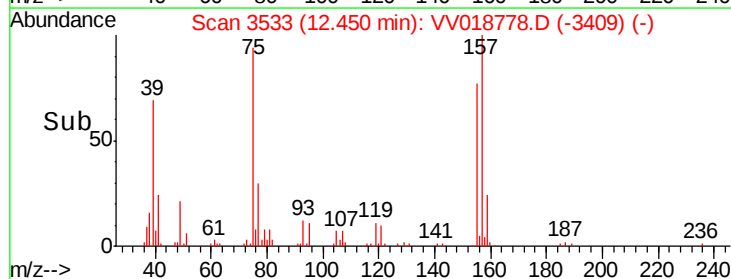
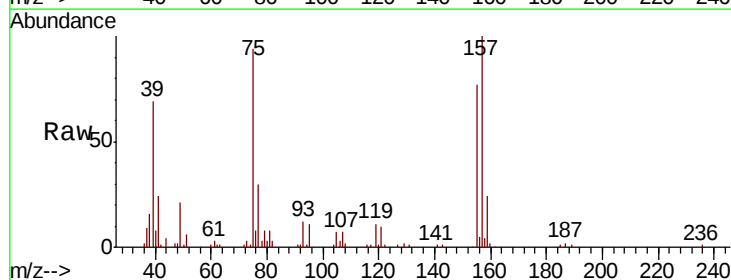
Tgt Ion: 75 Resp: 38567

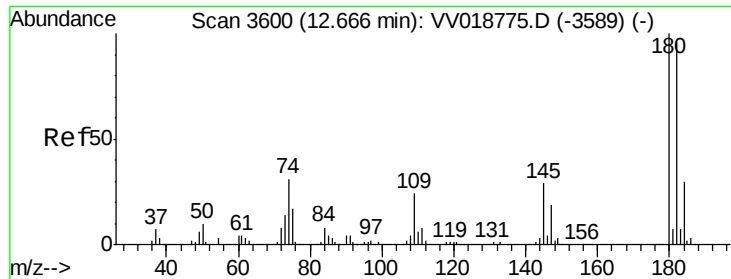
Ion Ratio Lower Upper

75 100

155 81.9 65.8 98.8

157 105.9 83.0 124.6

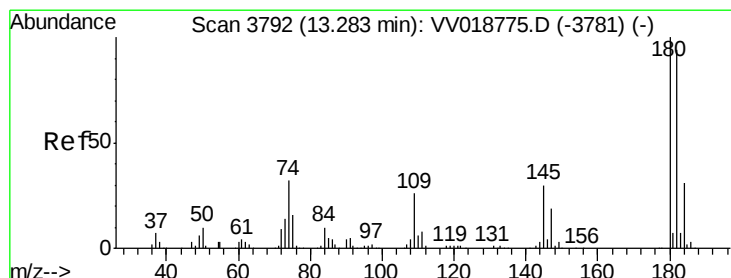
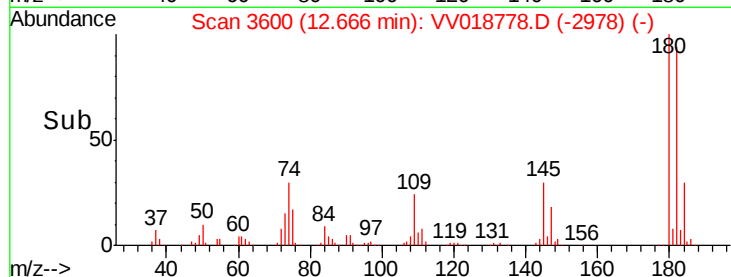
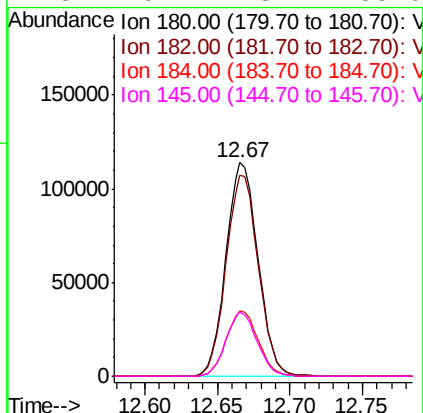
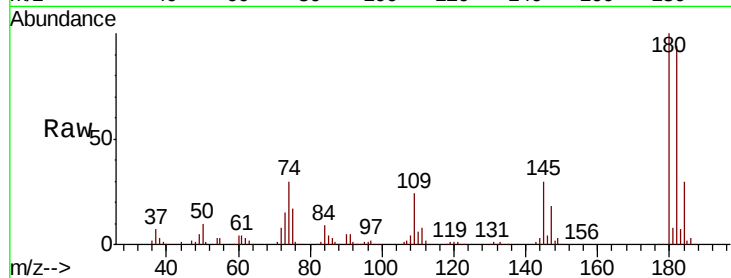




#67
 1,3,5-Trichlorobenzene
 Concen: 48.421 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

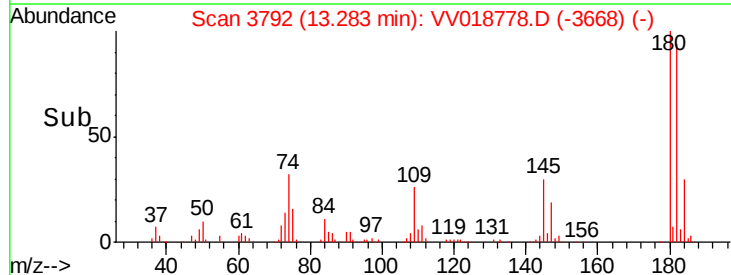
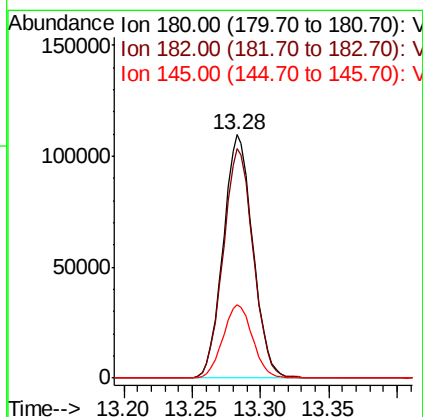
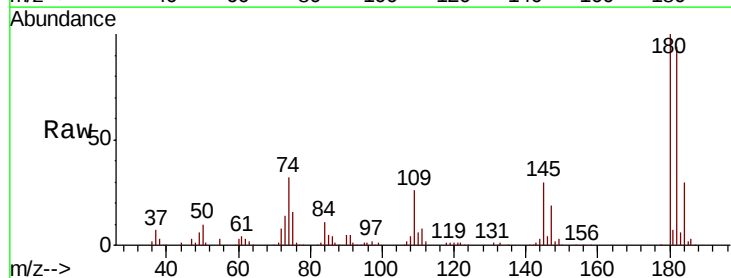
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

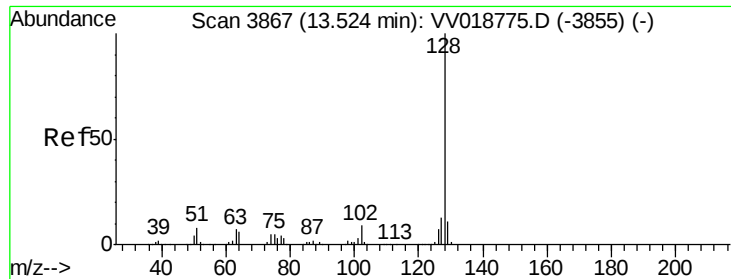
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.6
184	30.3	24.6	37.0
145	29.2	23.4	35.0



#68
 1,2,4-trichlorobenzene
 Concen: 49.222 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018778.D
 Acq: 08 Oct 2020 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
145	30.0	24.0	36.0





#69

Naphthalene

Concen: 53.409 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

VICV65

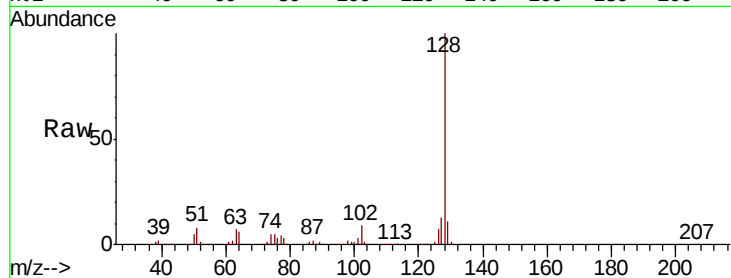
Tot Ion:128 Resp: 507984

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

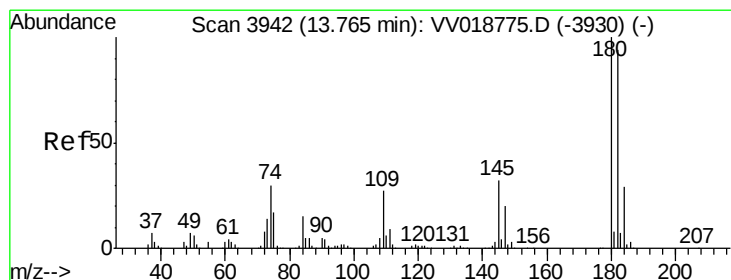
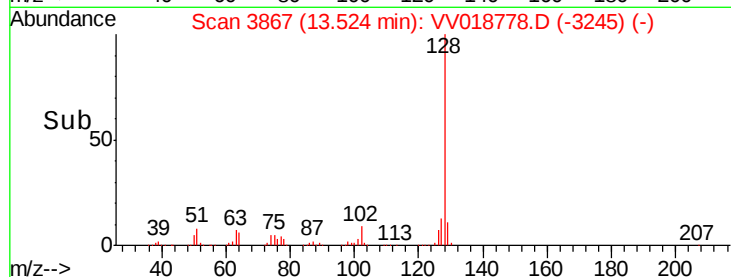
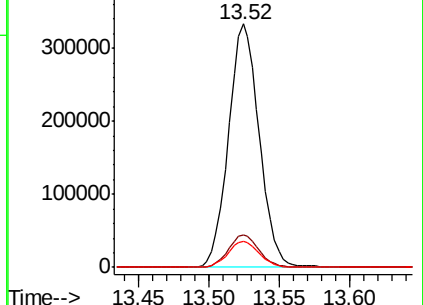
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 51.084 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. -0.00 min

Lab File: VV018778.D

Acq: 08 Oct 2020 22:15

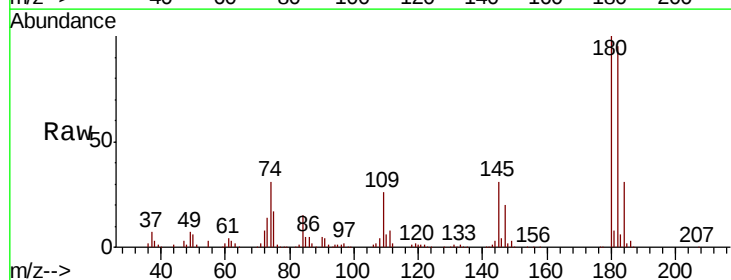
Tgt Ion:180 Resp: 171182

Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 30.8 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

