

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017477.D
 Acq On : 14 Jul 2020 11:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Quant Time: Jul 15 03:04:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159391	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152601	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	85680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40890	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	33273	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	91434	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.96	46	74960	39.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.80%
24) Chloroform-d	4.37	84	94741	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	51620	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.07	84	162708	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	44320	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.33	98	161238	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.64	79	22368	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	8.11	63	68455	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32457	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	66474	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96413	5.126	ug/L 97
3) Chloromethane	1.25	50	63812	4.963	ug/L 99
5) Vinyl chloride	1.32	62	66373	5.159	ug/L 99
6) Bromomethane	1.53	94	39881	5.136	ug/L 97
8) Chloroethane	1.60	64	37700	5.069	ug/L 96
9) Trichlorofluoromethane	1.77	101	120266	5.113	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54346	5.023	ug/L 100
12) 1,1-Dichloroethene	2.13	96	48271	5.034	ug/L 88
13) Acetone	2.23	43	26467	19.163	ug/L 71
14) Carbon disulfide	2.31	76	152706	5.144	ug/L 98
15) Methyl Acetate	2.46	43	16226	6.082	ug/L 95
16) Methylene chloride	2.52	84	48380	4.189	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	121211	5.087	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	50747	4.935	ug/L 96
19) 1,1-Dichloroethane	3.21	63	100843	5.074	ug/L 97
21) 2-Butanone	4.05	43	98606	46.187	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	57378	5.147	ug/L # 99

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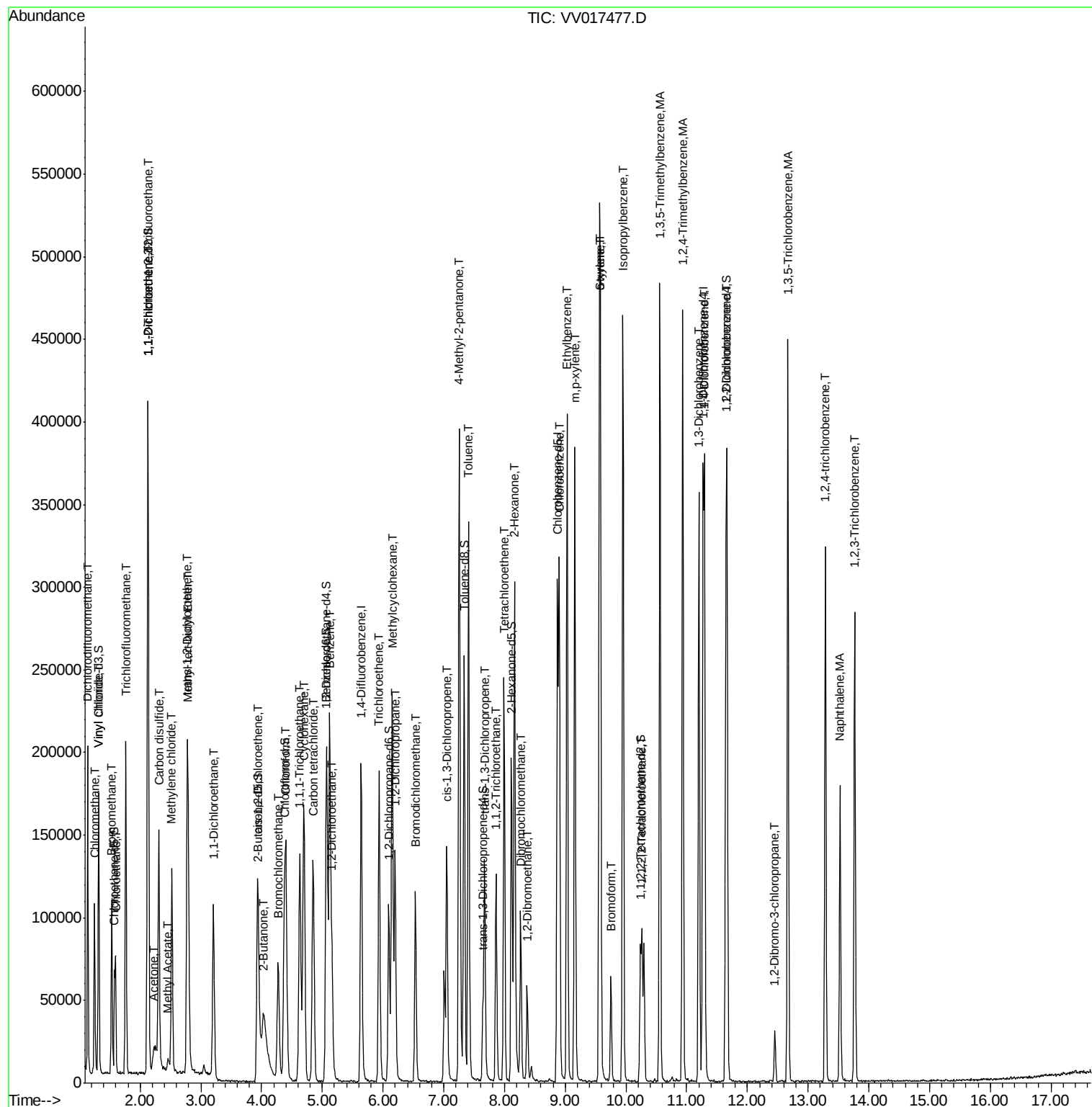
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	25862	5.152	ug/L	98
25) Chloroform	4.40	83	109510	5.107	ug/L	98
27) 1,2-Dichloroethane	5.16	62	72224	5.149	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	111243	5.156	ug/L	99
30) Cyclohexane	4.69	56	83496	5.083	ug/L	100
31) Carbon tetrachloride	4.85	117	102054	5.114	ug/L	99
33) Benzene	5.12	78	211615	5.212	ug/L	100
34) Trichloroethene	5.94	95	63258	5.103	ug/L	95
35) Methylcyclohexane	6.15	83	97652	5.353	ug/L	97
37) 1,2-Dichloropropane	6.20	63	45753	4.867	ug/L	99
38) Bromodichloromethane	6.53	83	75235	5.167	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	78554	5.195	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	266817	53.705	ug/L	99
42) Toluene	7.41	91	236024	5.264	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	240672	5.408	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	241305	5.444	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	72076	5.416	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	35751	5.090	ug/L	93
49) Tetrachloroethene	8.00	164	55035	5.216	ug/L	98
50) 2-Hexanone	8.16	43	190062	52.070	ug/L	99
51) Dibromochloromethane	8.27	129	49851	5.151	ug/L	99
52) 1,2-Dibromoethane	8.37	107	35558	5.168	ug/L	97
53) Chlorobenzene	8.90	112	156616	5.215	ug/L	98
54) Ethylbenzene	9.03	91	263225	5.130	ug/L	100
55) m,p-xylene	9.16	106	102196	5.267	ug/L	93
56) o-xylene	9.56	106	101367	5.401	ug/L	92
57) Styrene	9.58	104	173839	5.503	ug/L	100
58) Isopropylbenzene	9.95	105	281377	5.295	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38539	5.433	ug/L	90
62) Bromoform	9.75	173	28482	5.168	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	137224	5.151	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	138232	5.228	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	123238	5.105	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7616	5.121	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	134869	6.225	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	94586	5.317	ug/L	99
70) Naphthalene	13.53	128	138916	5.549	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	84919	5.534	ug/L	97

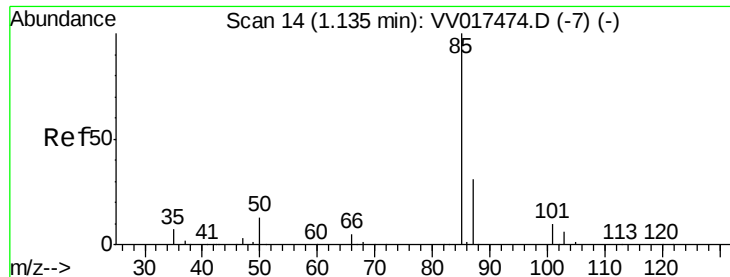
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.126 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

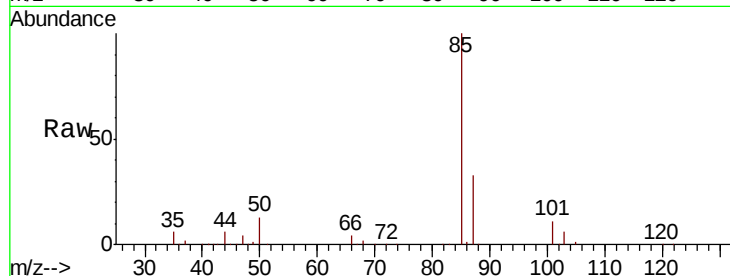
VICV34

Tot Ion: 85 Resp: 96413

Ion Ratio Lower Upper

85 100

87 33.0 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

120000

100000

80000

60000

40000

20000

0

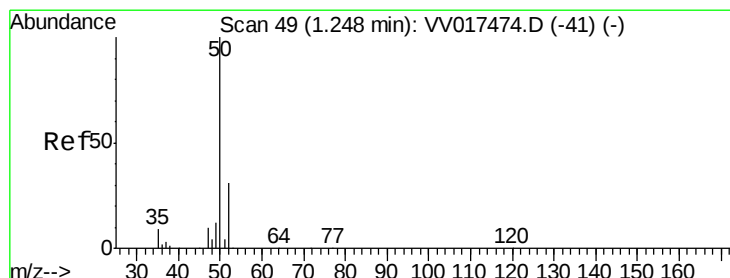
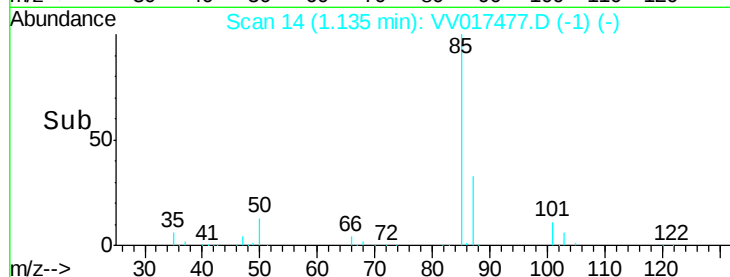
1.10

1.14

1.15

1.20

Time-->



#3

Chloromethane

Concen: 4.963 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017477.D

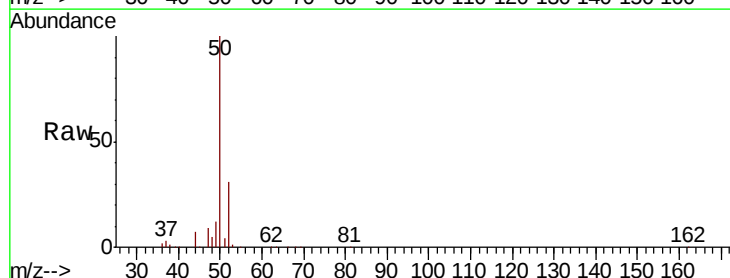
Acq: 14 Jul 2020 11:34

Tgt Ion: 50 Resp: 63812

Ion Ratio Lower Upper

50 100

52 31.3 21.4 39.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

60000

40000

20000

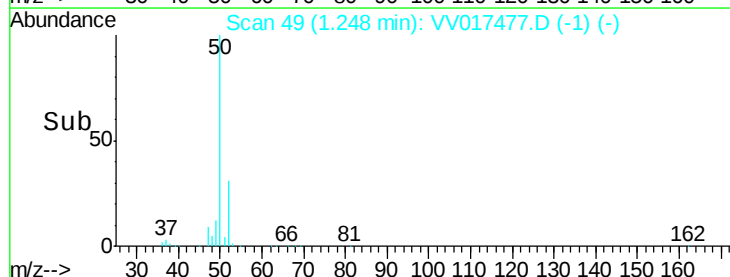
0

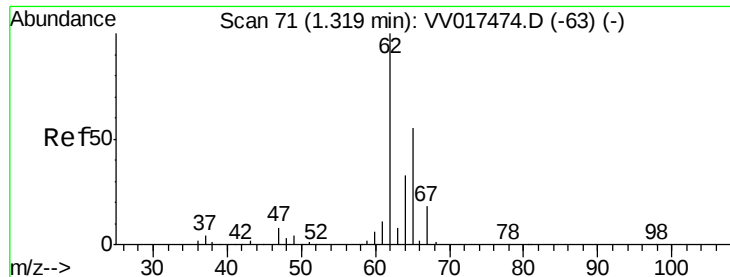
1.20

1.25

1.30

Time-->





#5

Vinyl chloride

Concen: 5.159 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

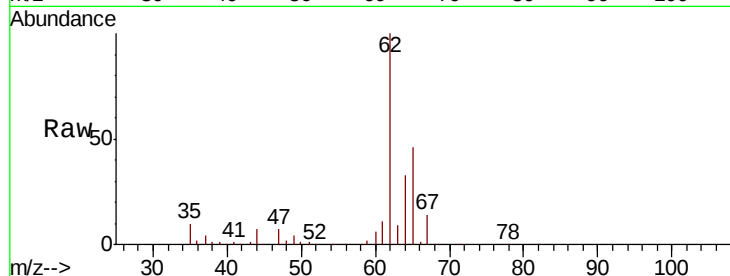
VICV34

Tot Ion: 62 Resp: 66373

Ion Ratio Lower Upper

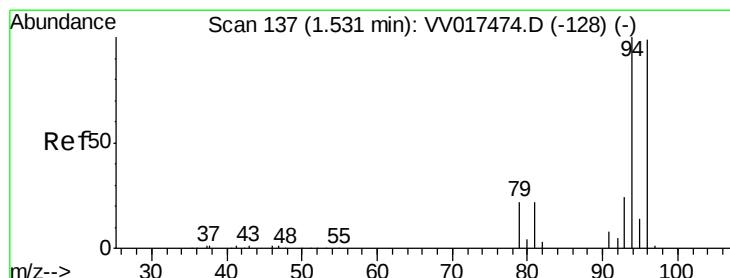
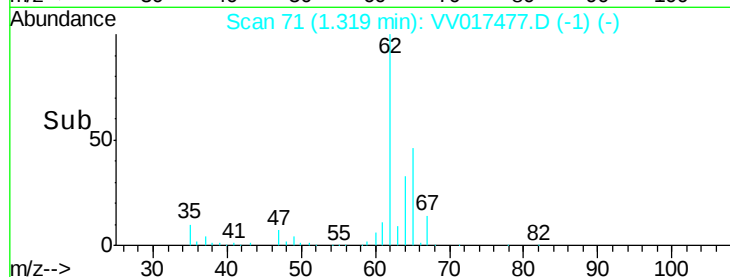
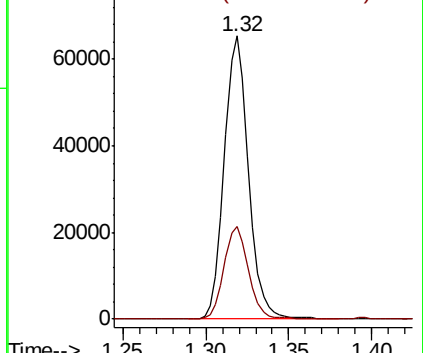
62 100

64 32.6 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 5.136 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV017477.D

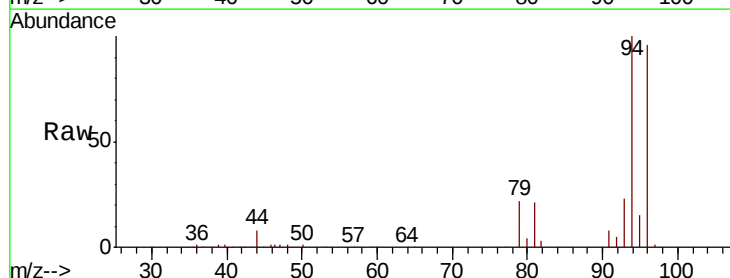
Acq: 14 Jul 2020 11:34

Tgt Ion: 94 Resp: 39881

Ion Ratio Lower Upper

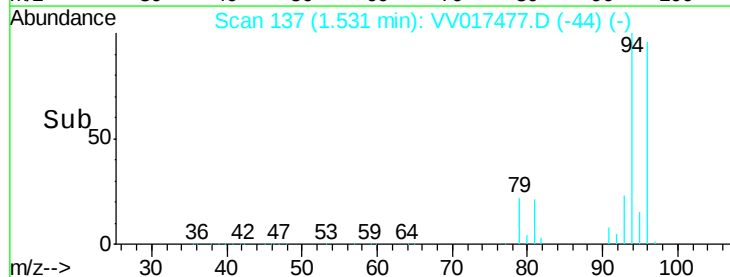
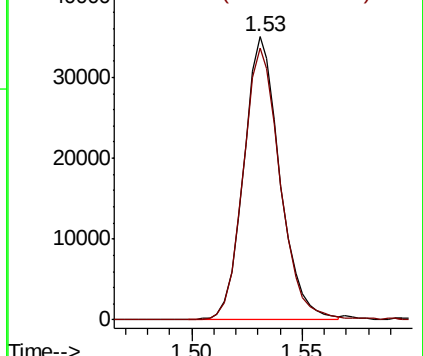
94 100

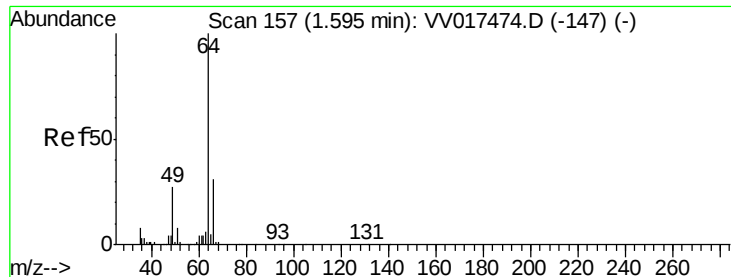
96 96.0 69.0 128.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.069 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

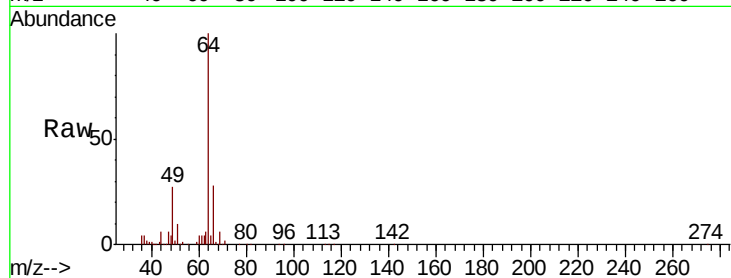
VICV34

Tot Ion: 64 Resp: 37700

Ion Ratio Lower Upper

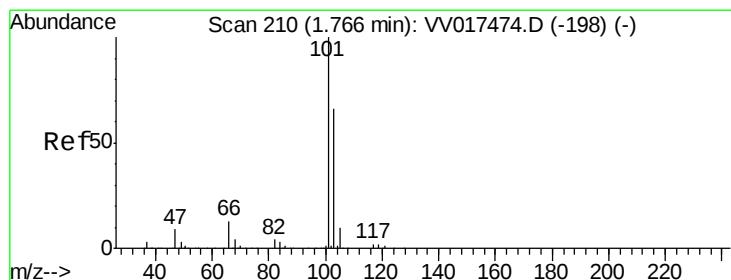
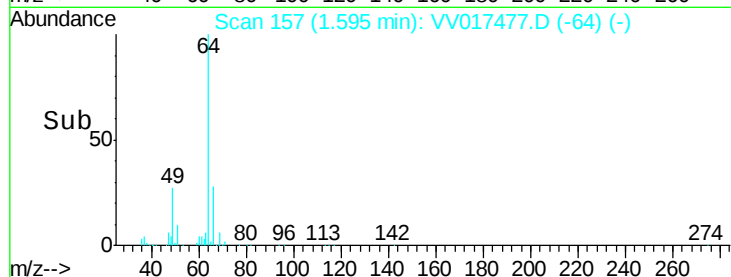
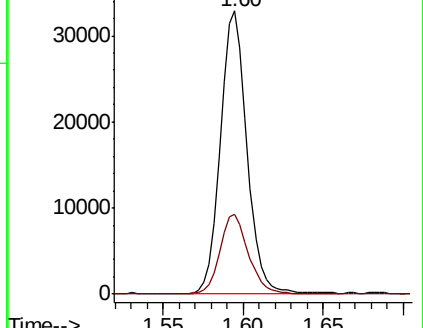
64 100

66 28.3 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VV017477.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017477.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 5.113 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV017477.D

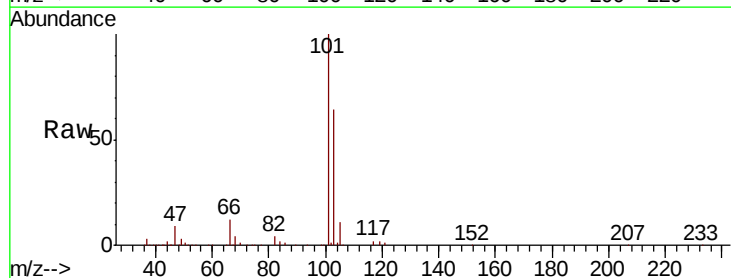
Acq: 14 Jul 2020 11:34

Tgt Ion:101 Resp: 120266

Ion Ratio Lower Upper

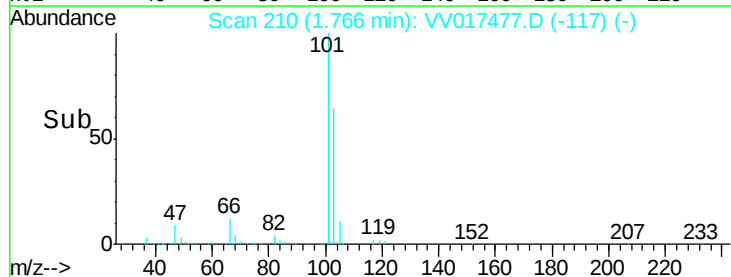
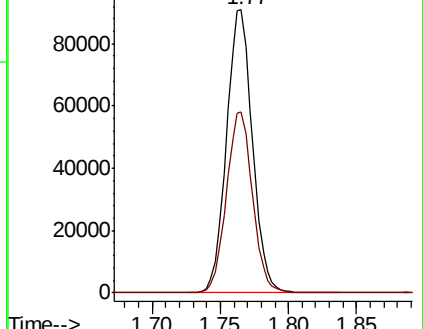
101 100

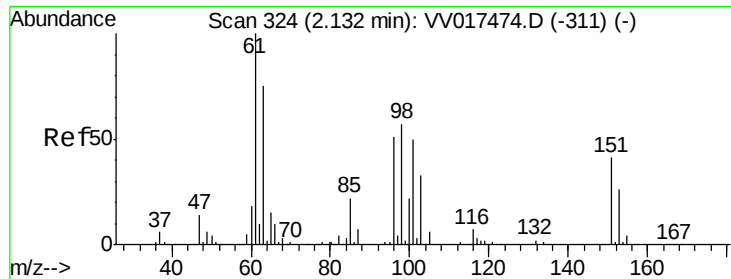
103 64.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VV017477.D (-101) (-)

Ion 103.00 (102.70 to 103.70): VV017477.D (-103) (-)





#10

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

Concen: 5.023 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

VICV34

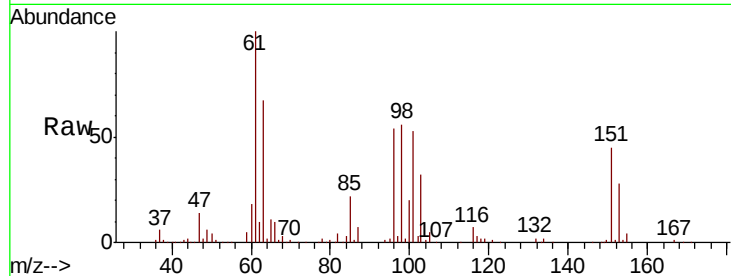
Tot Ion:101 Resp: 54346

Ion Ratio Lower Upper

101 100

85 44.6 35.4 53.2

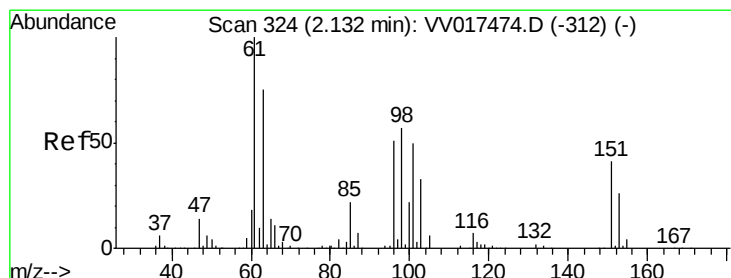
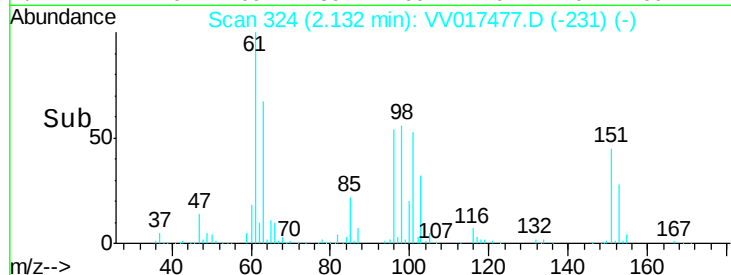
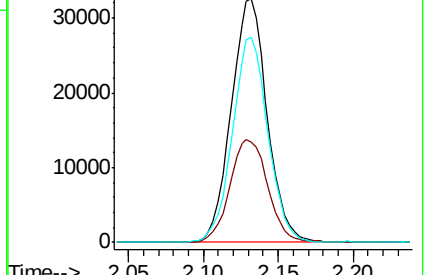
151 83.2 66.5 99.7



Abundance Ion 101.00 (100.70 to 101.70): VV017477.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017477.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017477.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 5.034 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

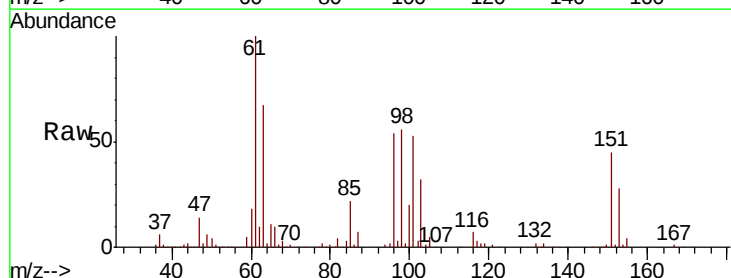
Tgt Ion: 96 Resp: 48271

Ion Ratio Lower Upper

96 100

61 185.4 137.2 254.8

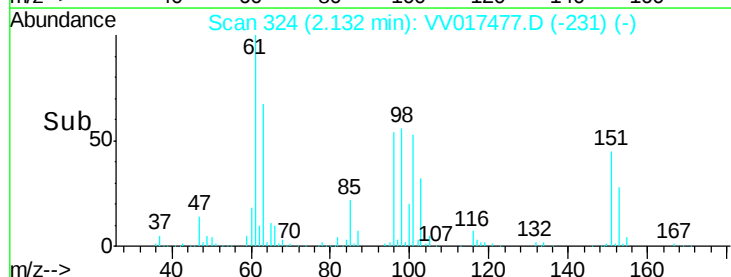
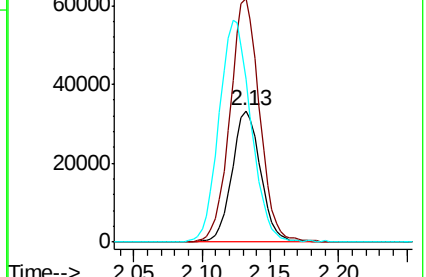
63 123.7 103.6 192.4

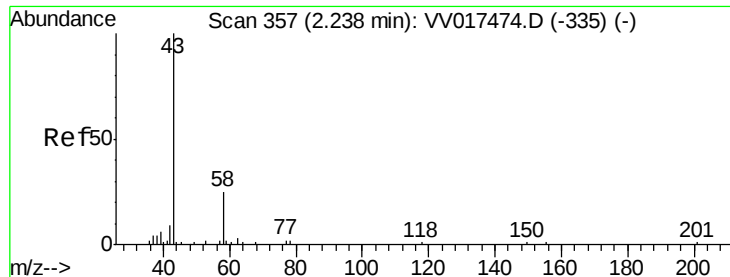


Abundance Ion 96.00 (95.70 to 96.70): VV017477.D (-231) (-)

Ion 61.05 (60.75 to 61.75): VV017477.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017477.D (-231) (-)





#13

Acetone

Concen: 19.163 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

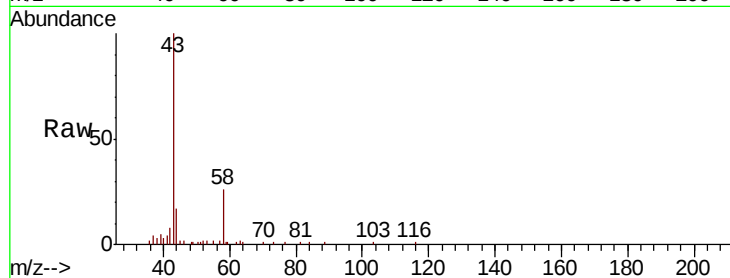
VICV34

Tot Ion: 43 Resp: 26467

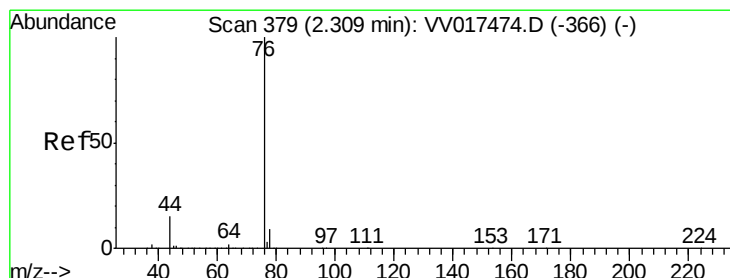
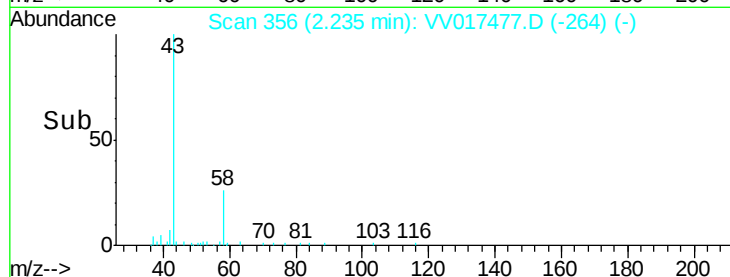
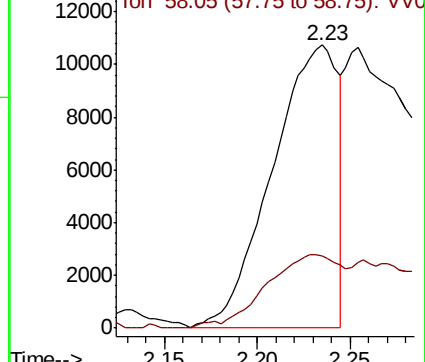
Ion Ratio Lower Upper

43 100

58 29.5 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV017477.D (-335) (-)



#14

Carbon disulfide

Concen: 5.144 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV017477.D

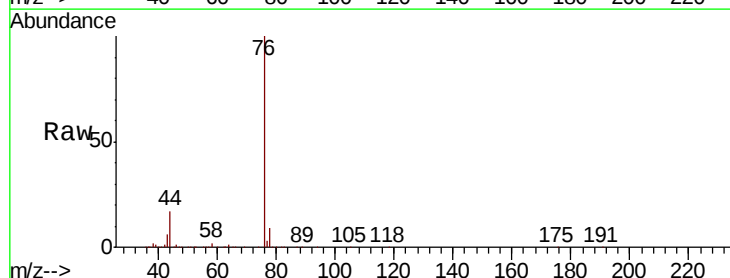
Acq: 14 Jul 2020 11:34

Tgt Ion: 76 Resp: 152706

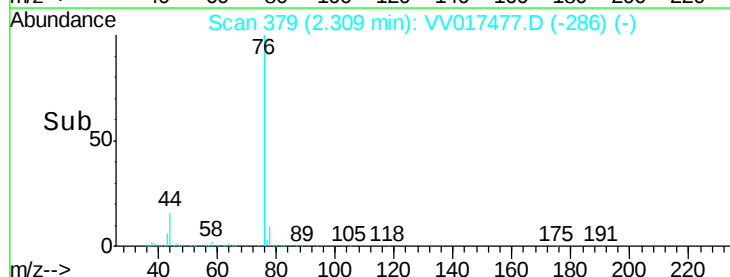
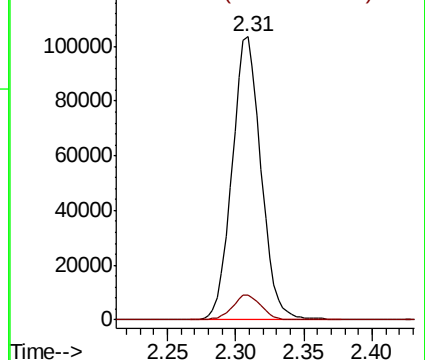
Ion Ratio Lower Upper

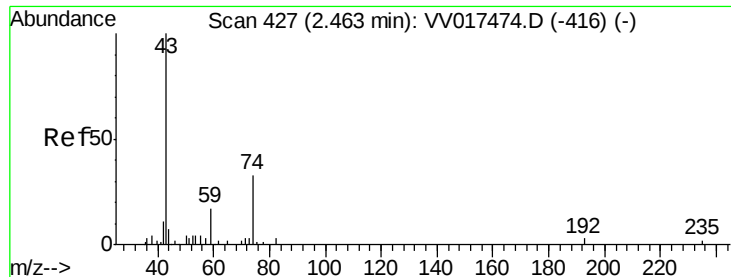
76 100

78 8.7 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV017477.D (-366) (-)

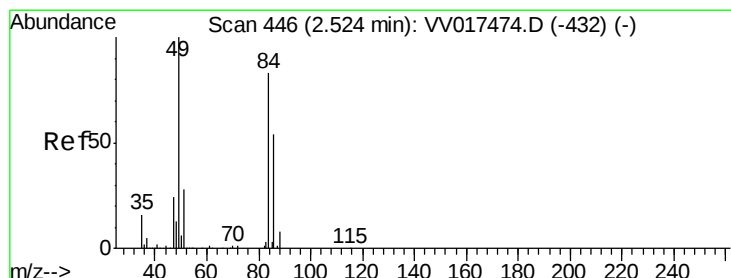
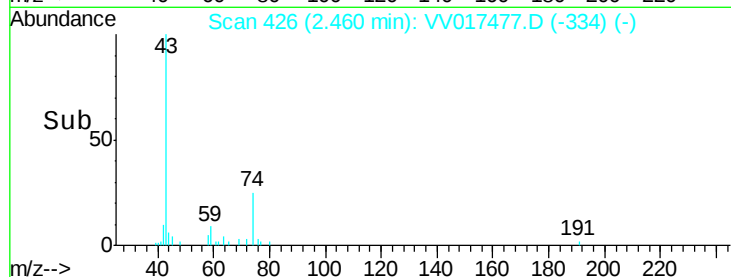
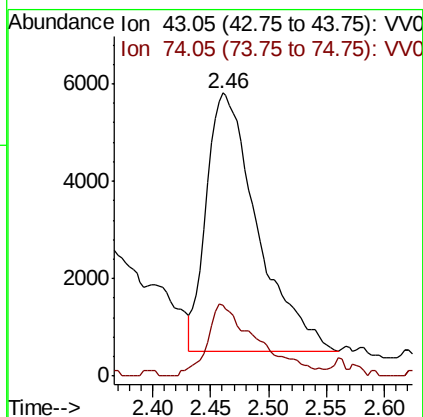
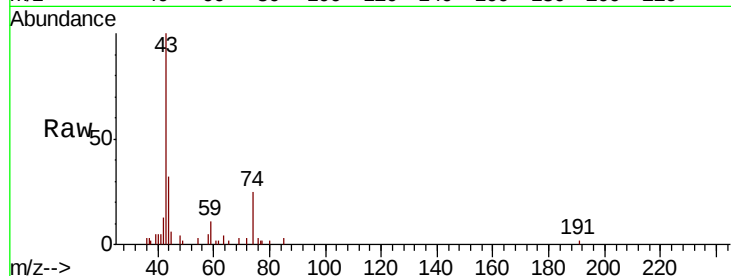




#15
Methvl Acetate
Concen: 6.082 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

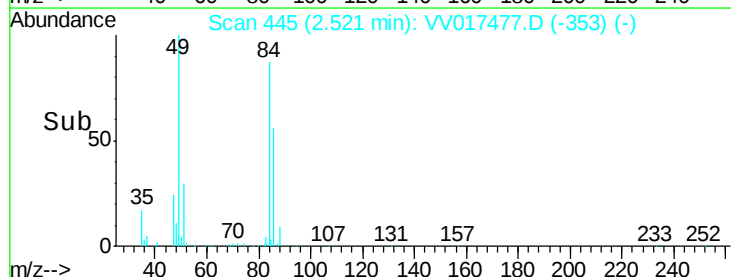
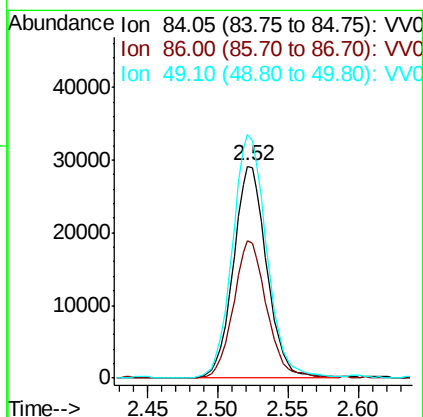
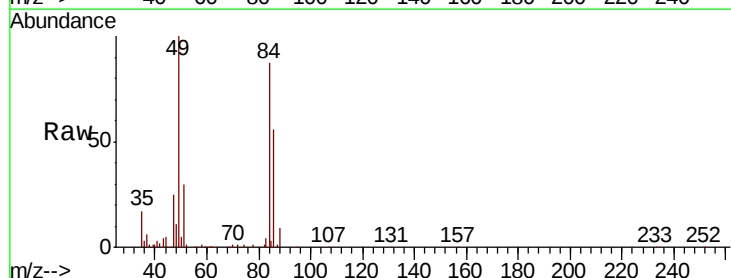
Instrument :
MSVOA_V
ClientSampled :
VICV34

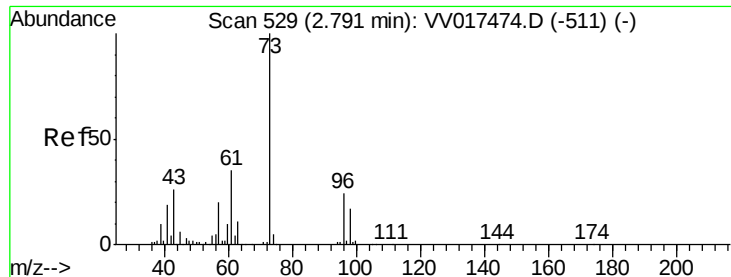
Tot Ion: 43 Resp: 16226
Ion Ratio Lower Upper
43 100
74 28.1 20.5 30.7



#16
Methylene chloride
Concen: 4.189 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion: 84 Resp: 48380
Ion Ratio Lower Upper
84 100
86 64.8 45.5 84.5
49 114.9 84.6 157.0

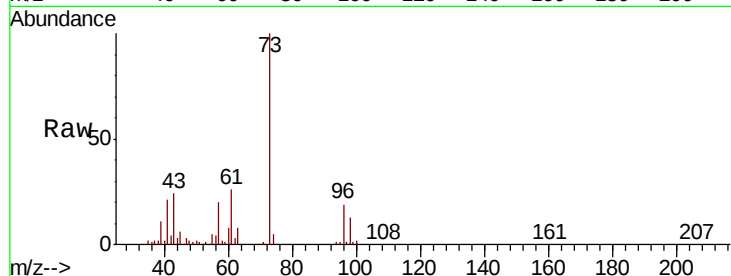




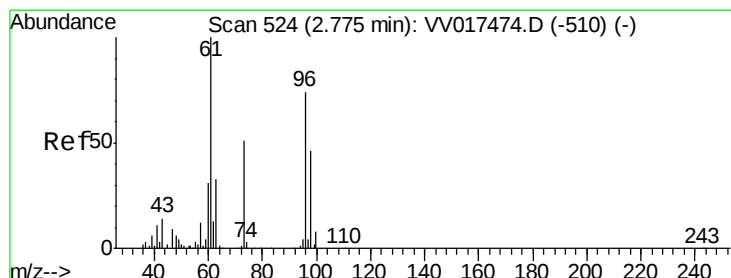
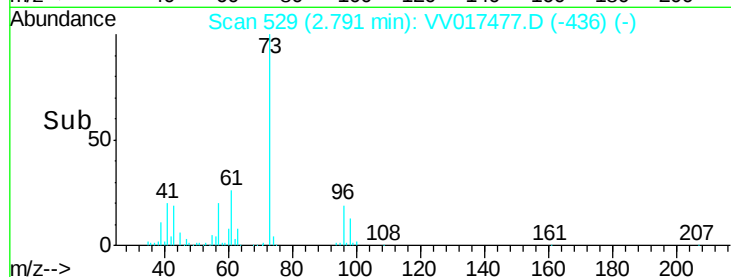
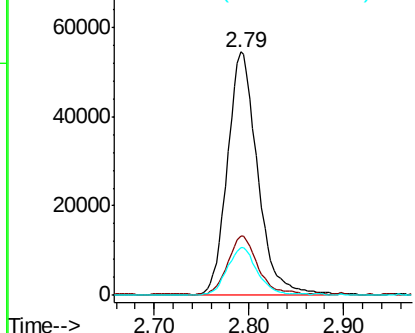
#17
Methvl tert-butvl Ether
Concen: 5.087 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Instrument :
MSVOA_V
ClientSampled :
VICV34

Tot Ion: 73 Resp: 121211
Ion Ratio Lower Upper
73 100
43 23.3 20.4 30.6
57 19.9 16.7 25.1

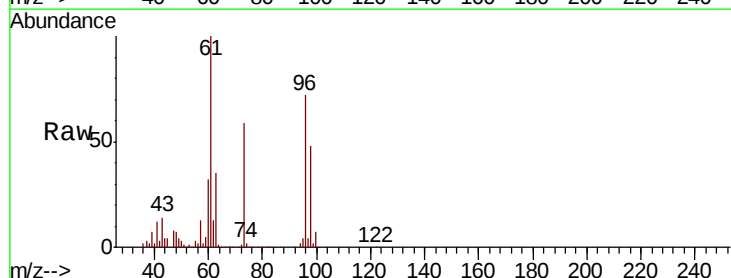


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

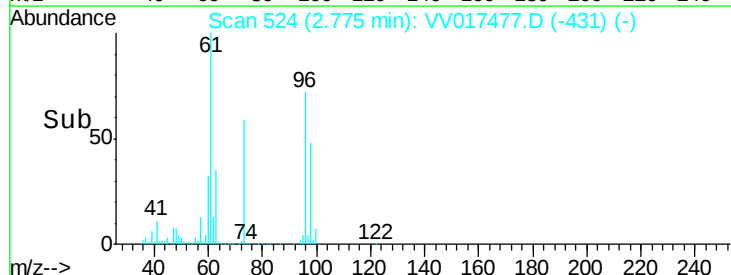
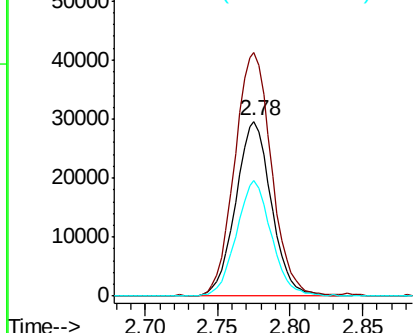


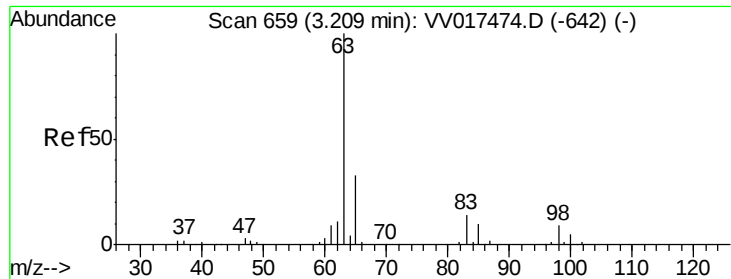
#18
trans-1,2-Dichloroethene
Concen: 4.935 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion: 96 Resp: 50747
Ion Ratio Lower Upper
96 100
61 139.4 95.1 176.7
98 66.4 43.5 80.7



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

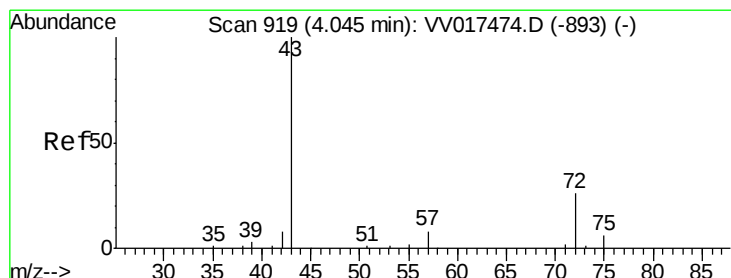
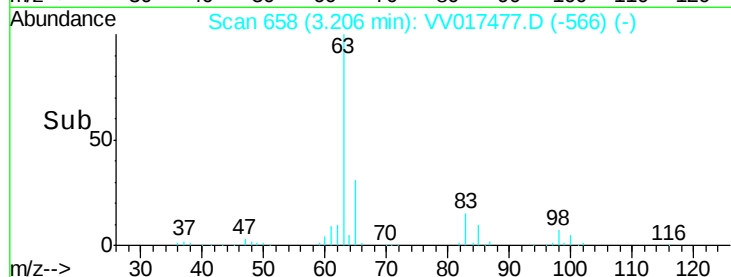
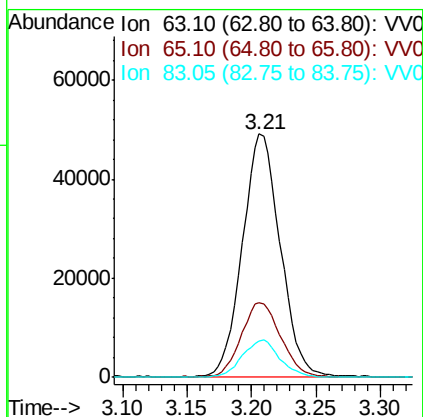
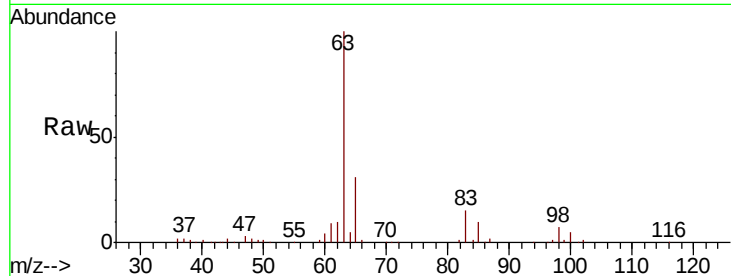




#19
 1,1-Dichloroethane
 Concen: 5.074 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

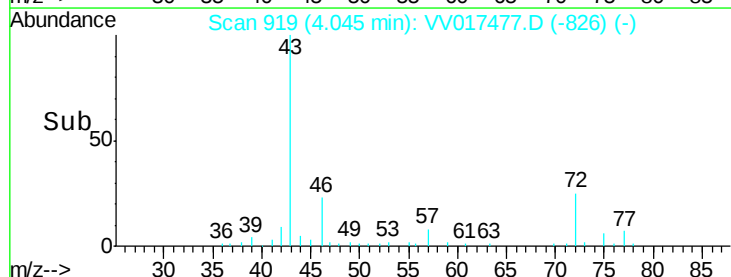
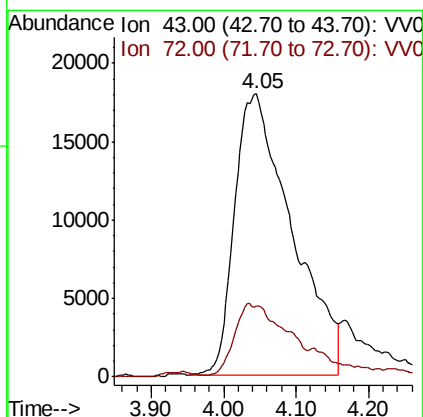
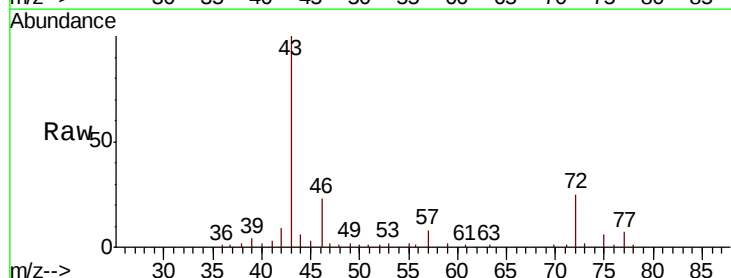
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

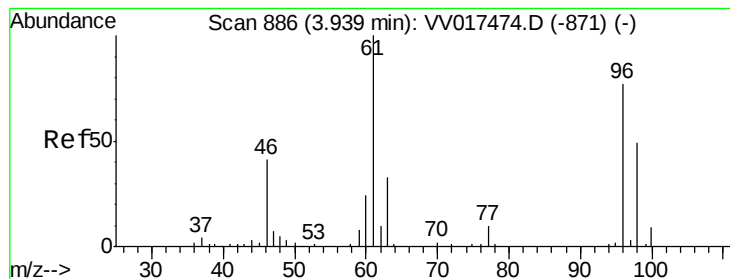
Tot Ion: 63 Resp: 100843
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.2 43.0
 83 15.0 10.1 18.7



#21
 2-Butanone
 Concen: 46.187 ug/L
 RT: 4.05 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

Tgt Ion: 43 Resp: 98606
 Ion Ratio Lower Upper
 43 100
 72 8.7 3.4 10.1



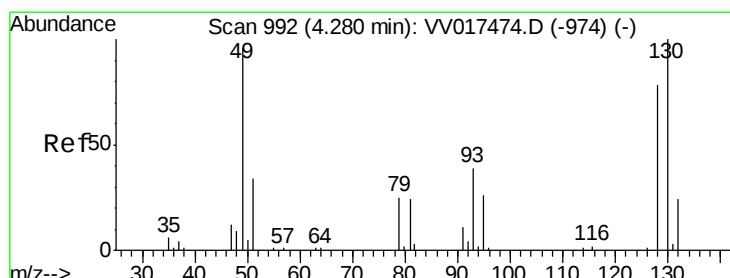
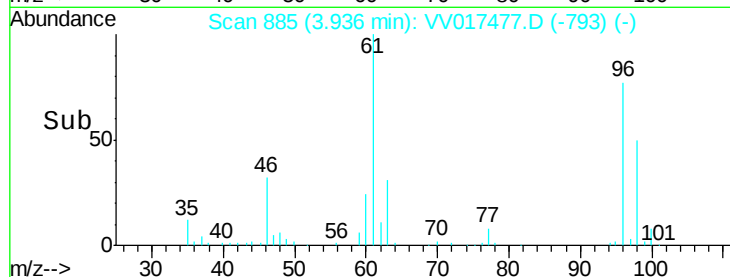
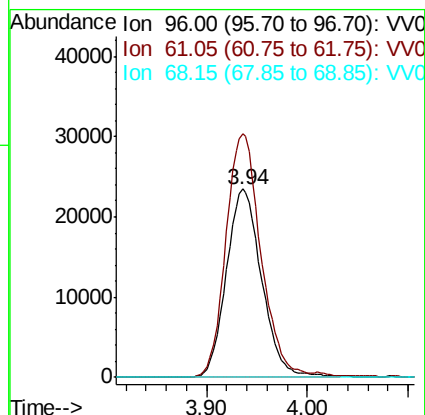
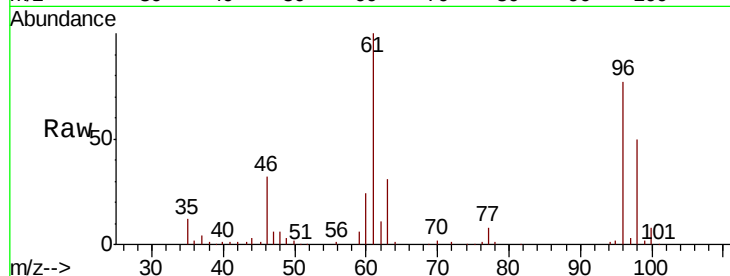


#22

cis-1,2-Dichloroethene
Concen: 5.147 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Instrument :
MSVOA_V
ClientSampleId :
VICV34

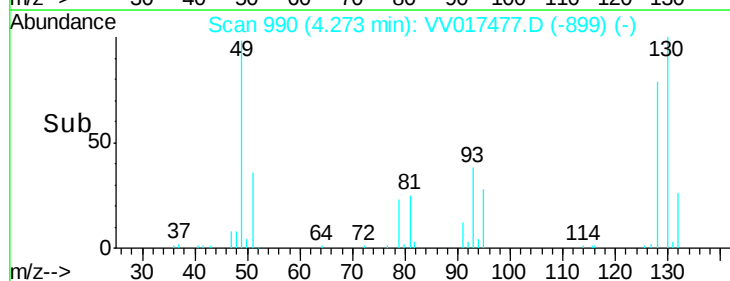
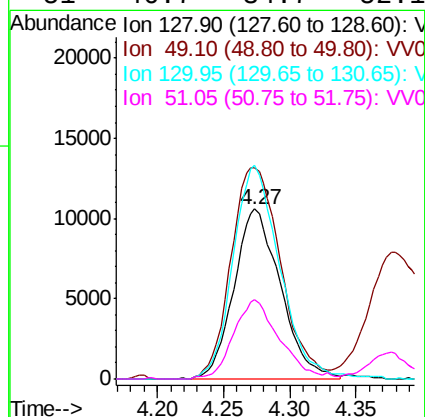
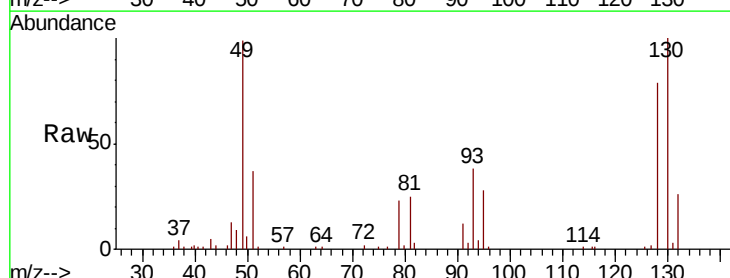
Tot Ion: 96 Resp: 57378
Ion Ratio Lower Upper
96 100
61 129.3 91.5 169.9
68 0.5 0.0 0.0#

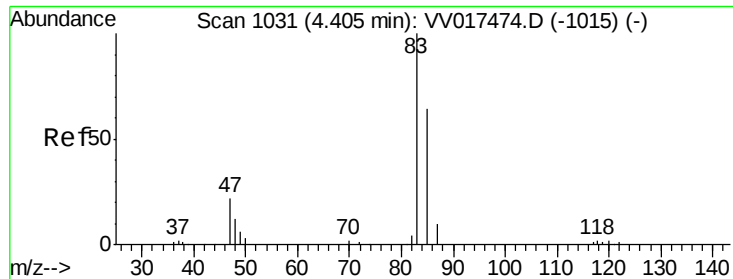


#23

Bromochloromethane
Concen: 5.152 ug/L
RT: 4.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion: 128 Resp: 25862
Ion Ratio Lower Upper
128 100
49 124.7 86.0 159.6
130 125.9 89.7 166.5
51 46.7 34.7 52.1

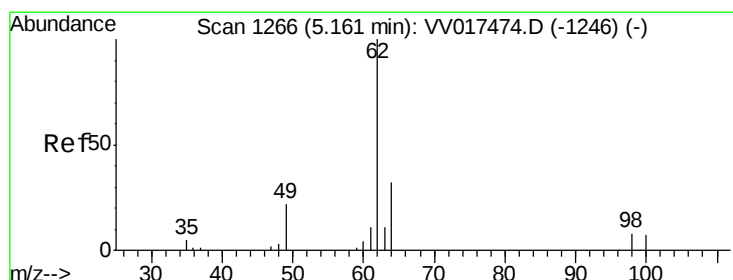
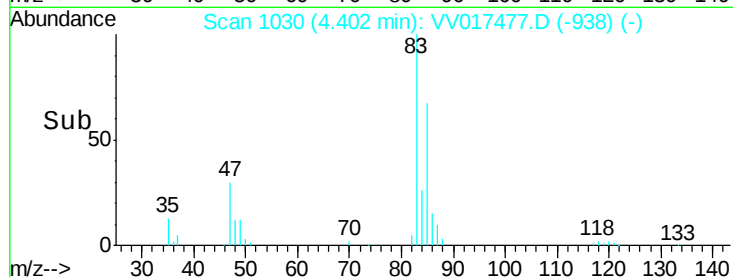
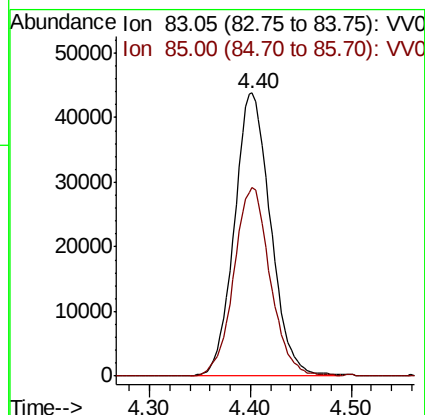
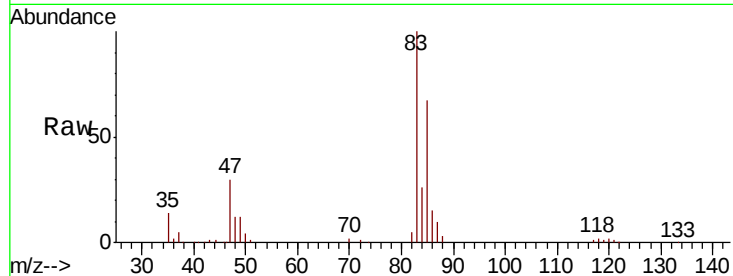




#25
Chloroform
Concen: 5.107 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

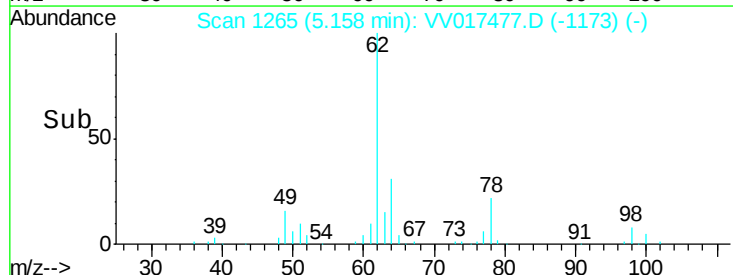
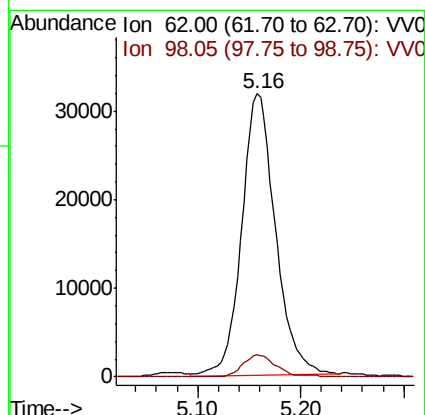
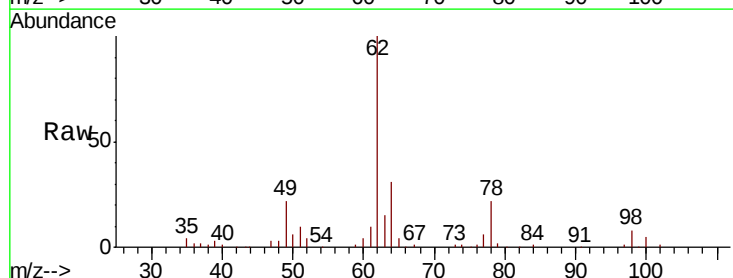
Instrument :
MSVOA_V
ClientSampleId :
VICV34

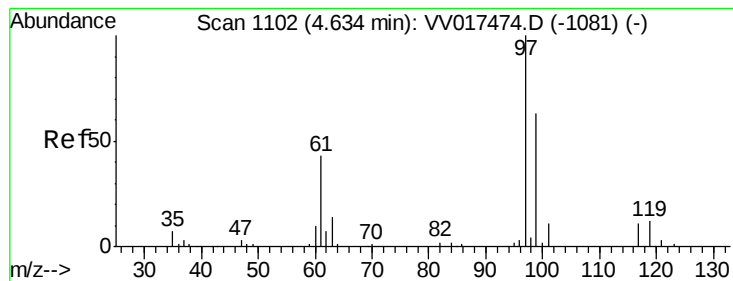
Tot Ion: 83 Resp: 109510
Ion Ratio Lower Upper
83 100
85 66.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.149 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion: 62 Resp: 72224
Ion Ratio Lower Upper
62 100
98 7.7 6.2 9.2





#29

1,1,1-Trichloroethane

Concen: 5.156 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

VICV34

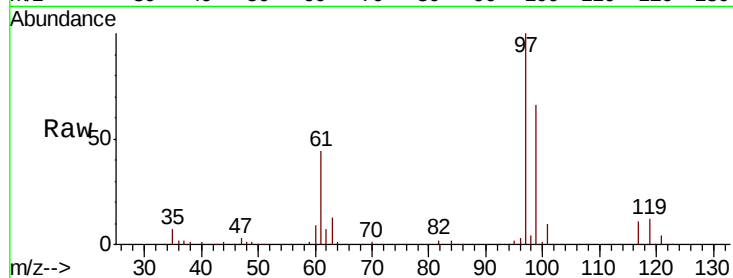
Tot Ion: 97 Resp: 111243

Ion Ratio Lower Upper

97 100

99 63.1 49.1 73.7

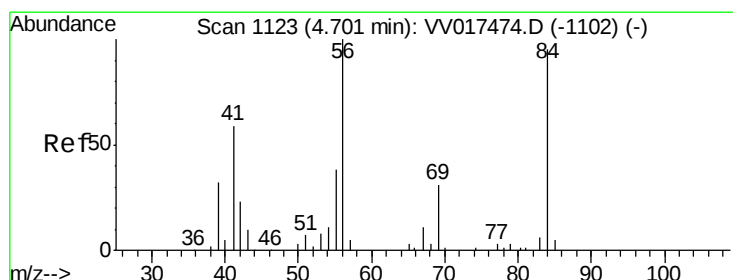
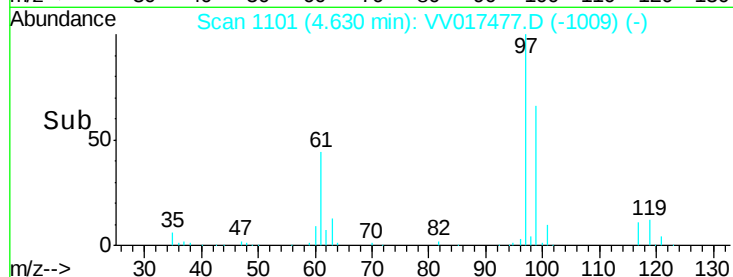
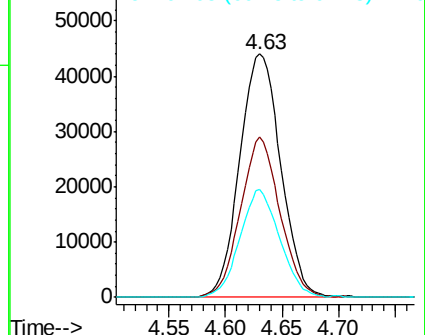
61 42.9 34.3 51.5



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 5.083 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

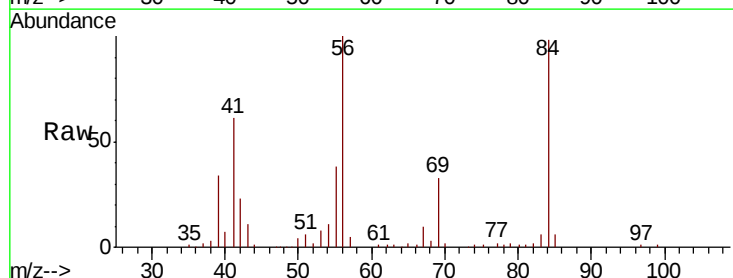
Tgt Ion: 56 Resp: 83496

Ion Ratio Lower Upper

56 100

69 33.1 26.0 39.0

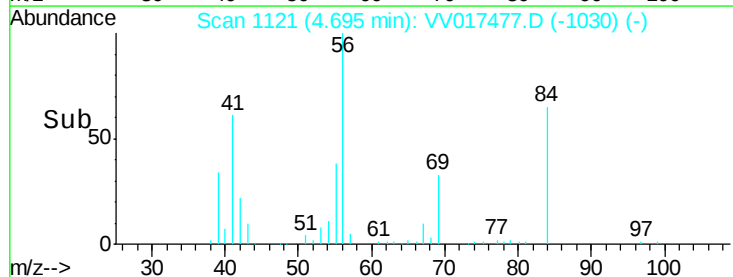
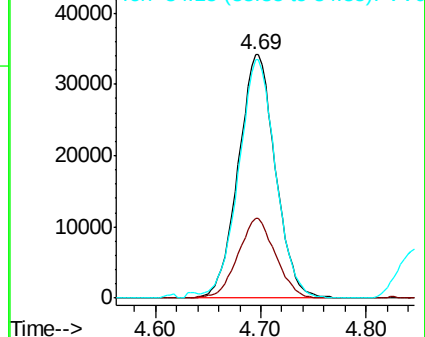
84 97.6 77.9 116.9

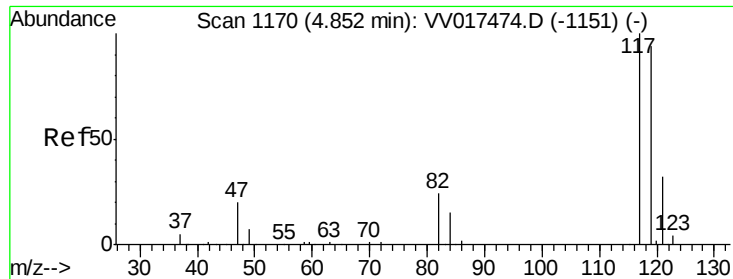


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.114 ug/L

RT: 4.85 min Scan# 1169

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

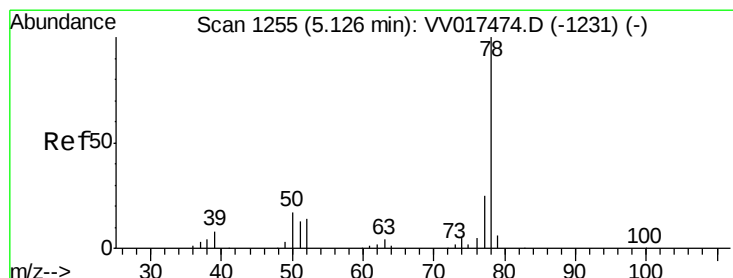
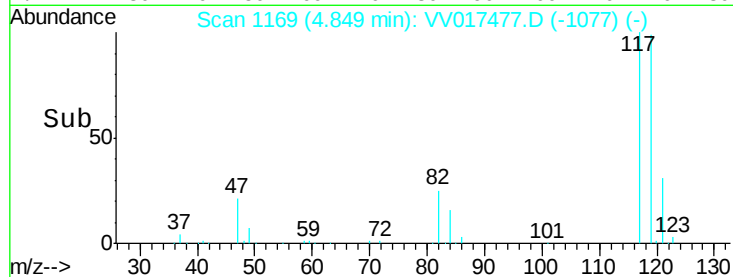
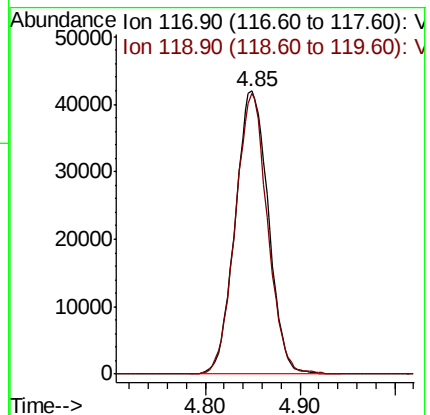
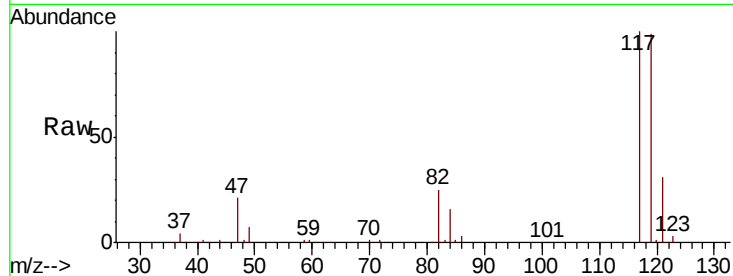
VICV34

Tot Ion:117 Resp: 102054

Ion Ratio Lower Upper

117 100

119 95.9 77.6 116.4



#33

Benzene

Concen: 5.212 ug/L

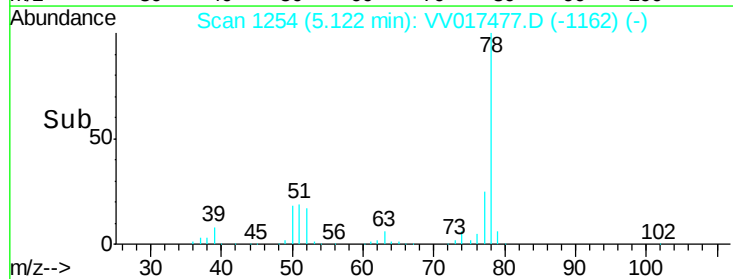
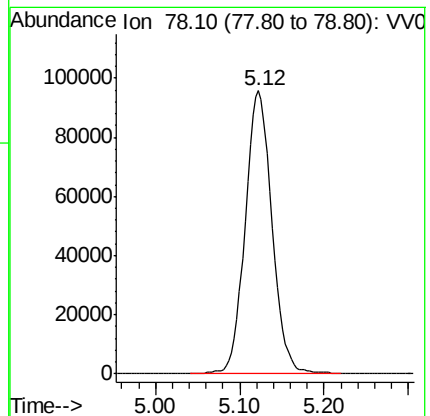
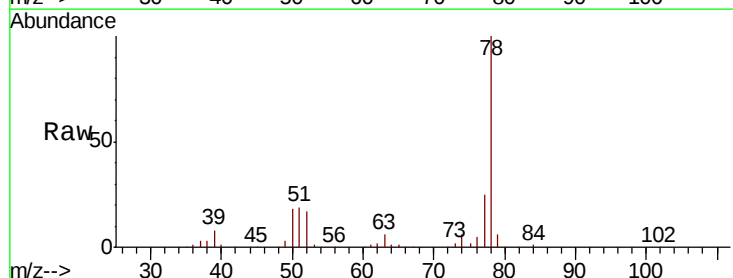
RT: 5.12 min Scan# 1254

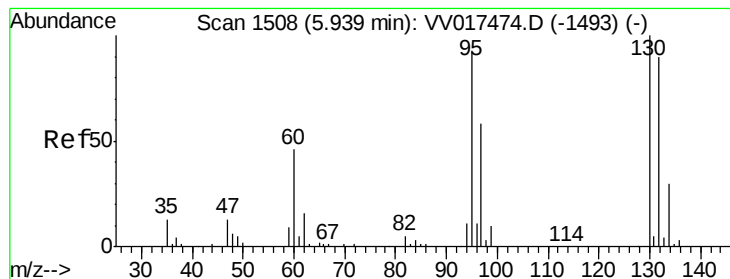
Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Tgt Ion: 78 Resp: 211615





#34

Trichloroethene

Concen: 5.103 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

VICV34

Tot Ion: 95 Resp: 63258

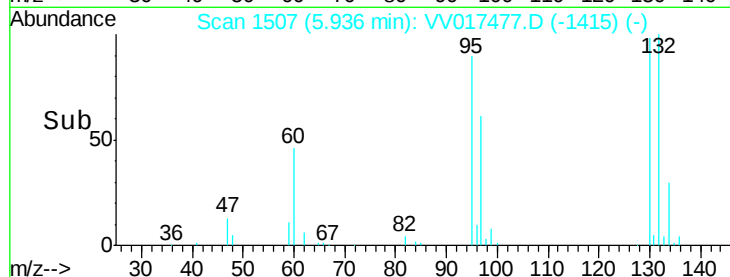
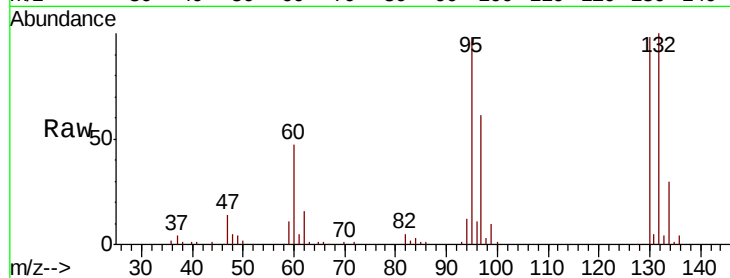
Ion Ratio Lower Upper

95 100

97 62.2 43.9 81.5

132 102.3 67.9 126.1

130 100.7 75.2 139.6

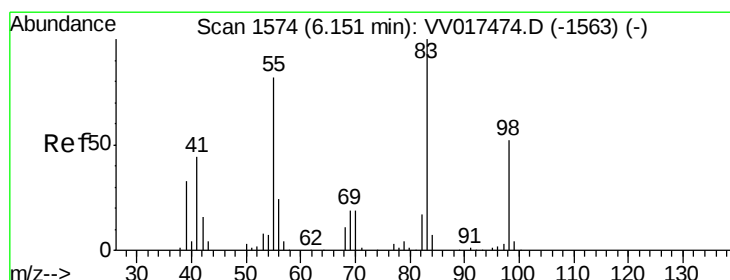
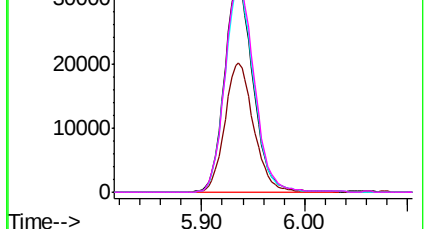


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 5.353 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

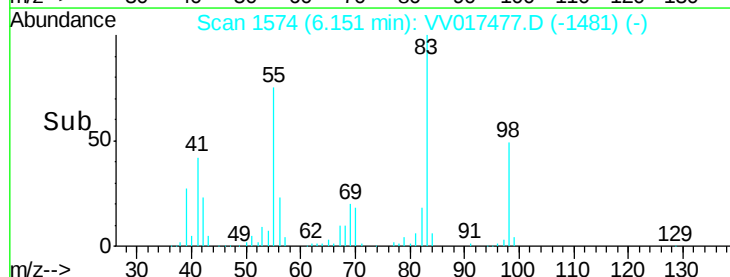
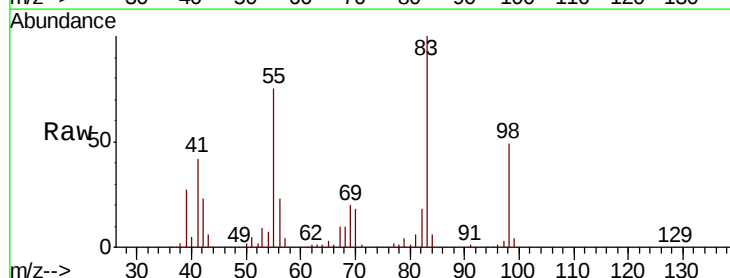
Tgt Ion: 83 Resp: 97652

Ion Ratio Lower Upper

83 100

55 74.6 62.0 93.0

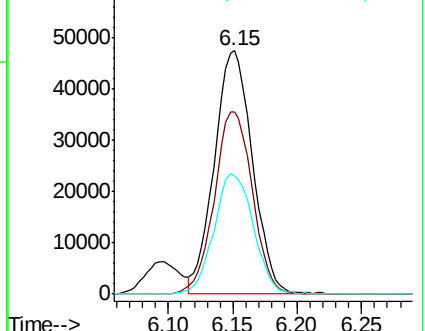
98 50.9 41.4 62.2

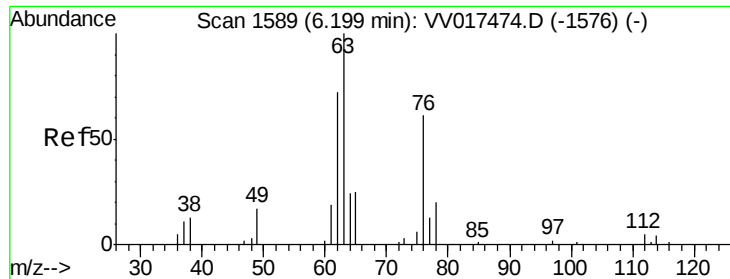


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

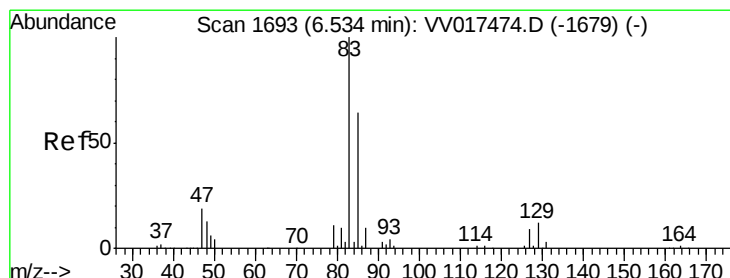
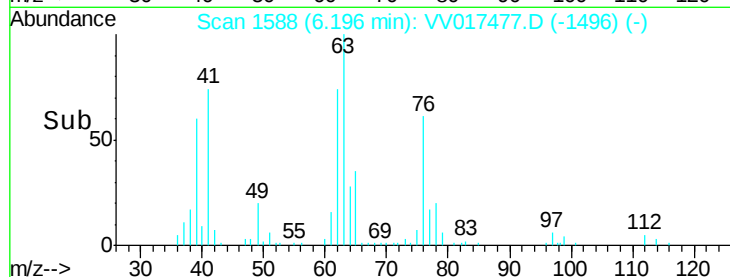
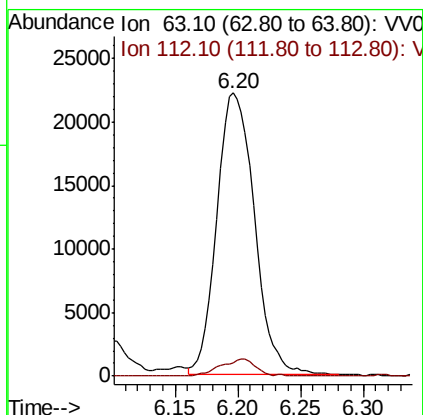
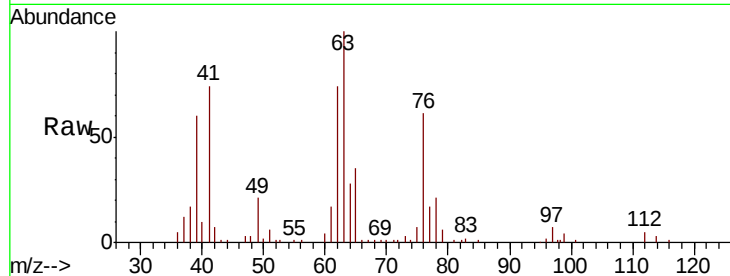




#37
 1,2-Dichloropropane
 Concen: 4.867 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

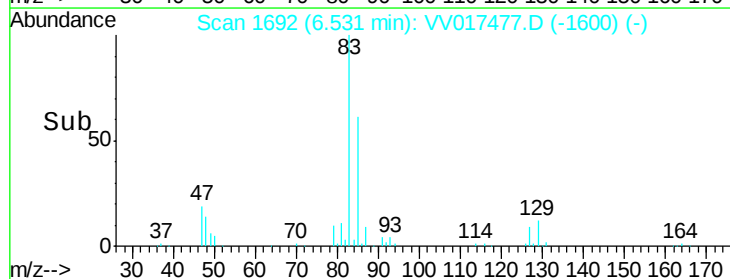
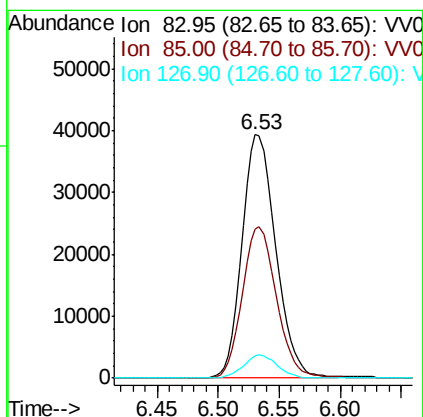
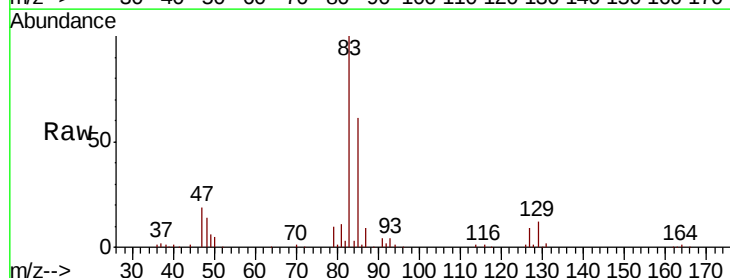
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

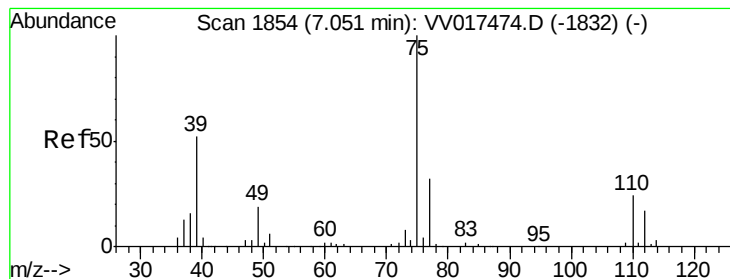
Tot Ion: 63 Resp: 45753
 Ion Ratio Lower Upper
 63 100
 112 5.7 4.4 6.6



#38
 Bromodichloromethane
 Concen: 5.167 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

Tgt Ion: 83 Resp: 75235
 Ion Ratio Lower Upper
 83 100
 85 61.3 45.0 83.6
 127 9.0 7.5 11.3



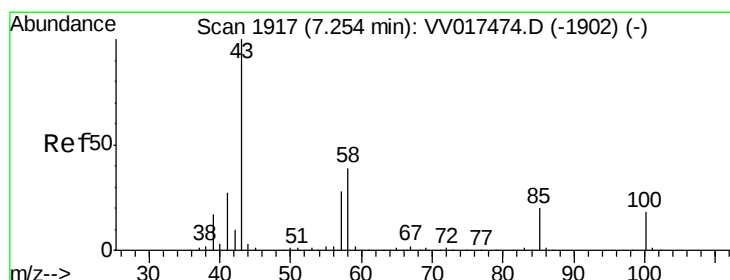
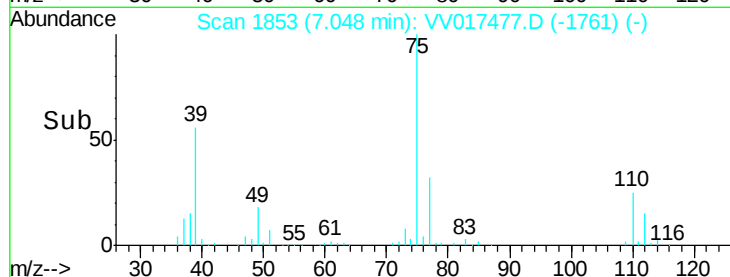
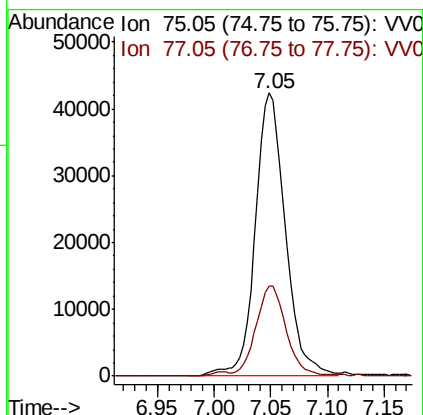
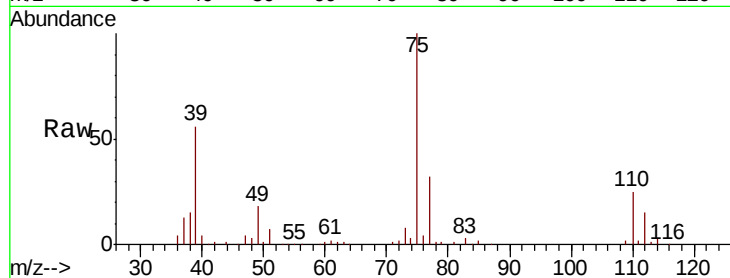


#39

cis-1,3-Dichloropropene
Concen: 5.195 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Instrument :
MSVOA_V
ClientSampleId :
VICV34

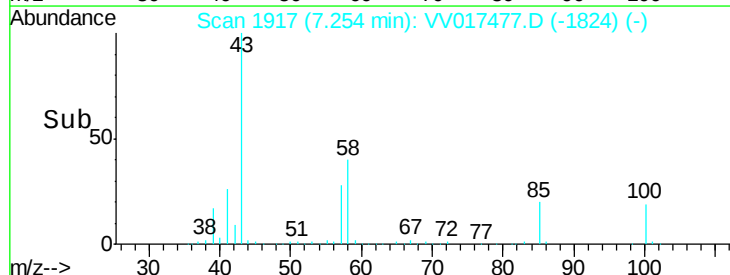
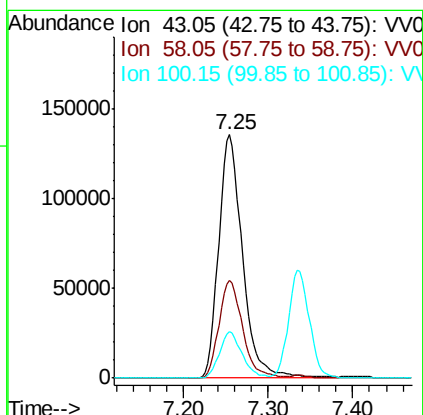
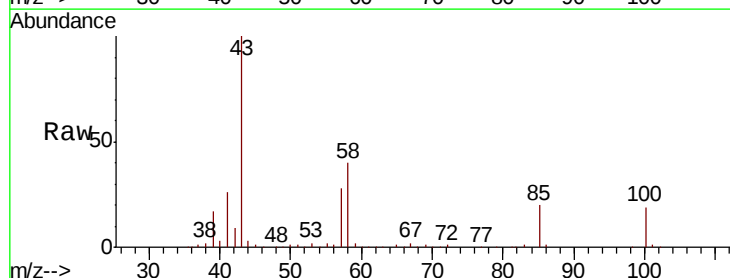
Tot Ion: 75 Resp: 78554
Ion Ratio Lower Upper
75 100
77 32.0 22.3 41.5

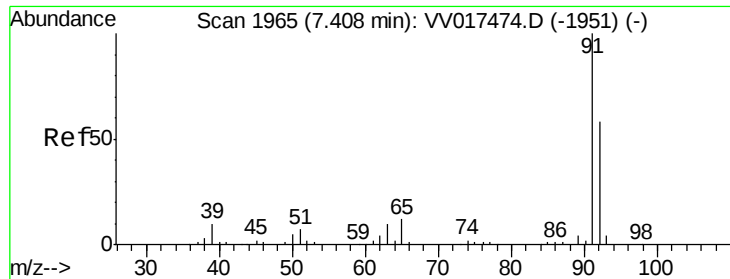


#40

4-Methyl-2-pentanone
Concen: 53.705 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion: 43 Resp: 266817
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.4
100 18.1 14.4 21.6





#42

Toluene

Concen: 5.264 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

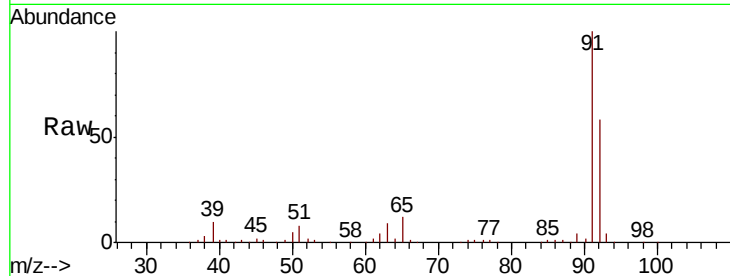
VICV34

Tot Ion: 91 Resp: 236024

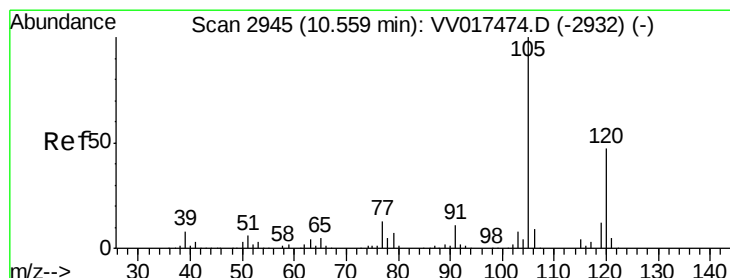
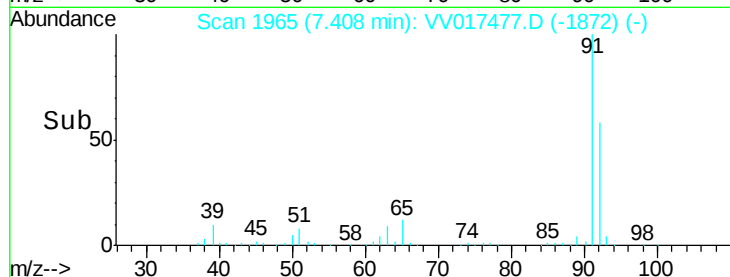
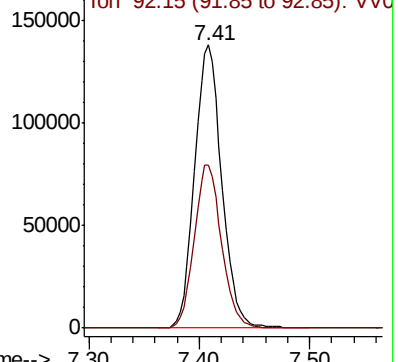
Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV017477.D (-1872) (-)



#43

1,3,5-Trimethylbenzene

Concen: 5.408 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VV017477.D

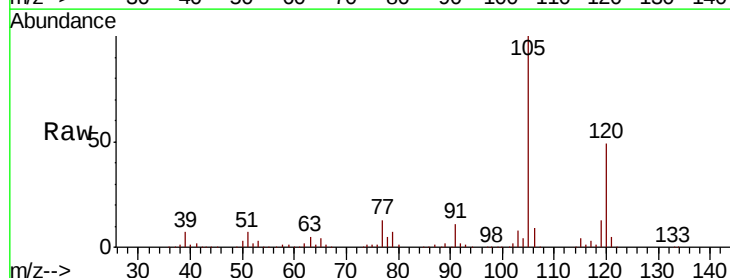
Acq: 14 Jul 2020 11:34

Tgt Ion: 105 Resp: 240672

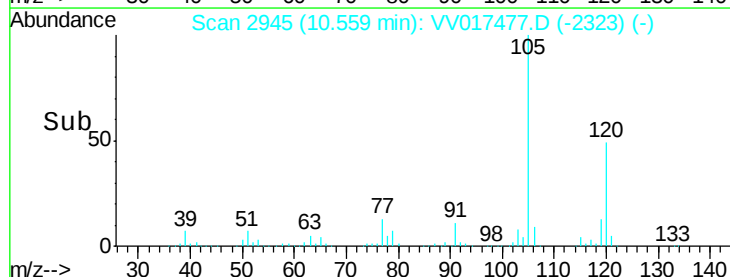
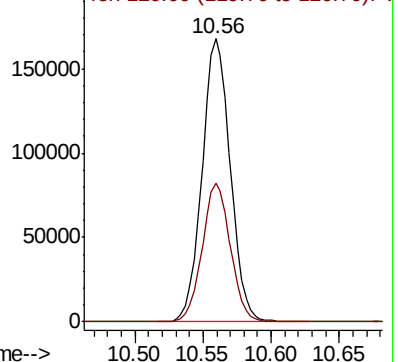
Ion Ratio Lower Upper

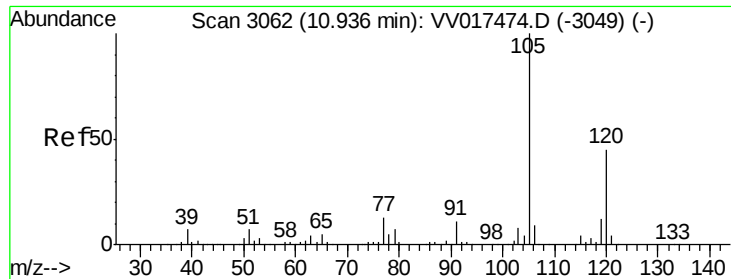
105 100

120 48.8 38.6 58.0



Abundance Ion 105.00 (104.70 to 105.70): VV017477.D (-2323) (-)

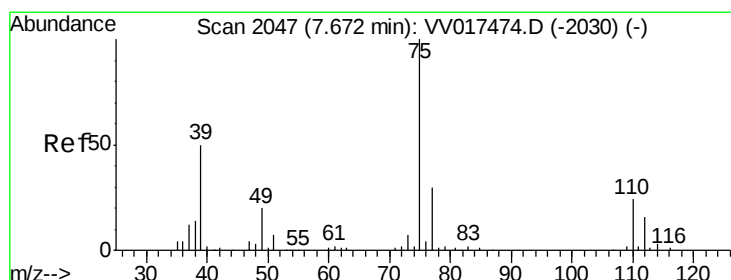
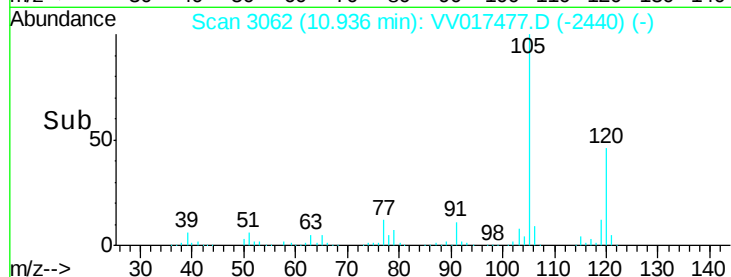
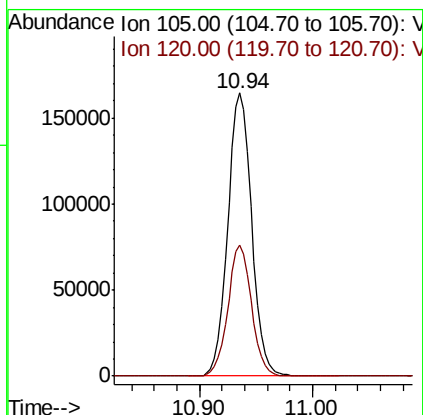
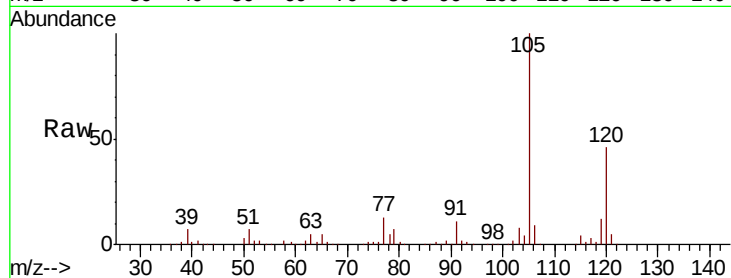




#44
 1,2,4-Trimethylbenzene
 Concen: 5.444 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

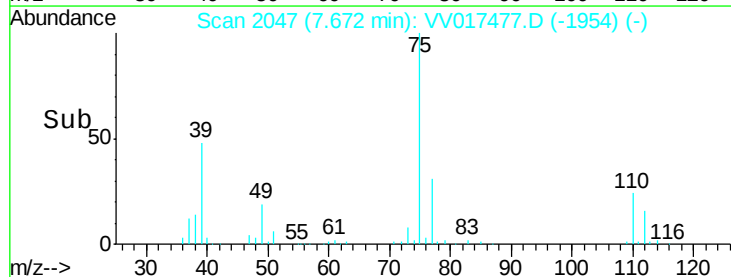
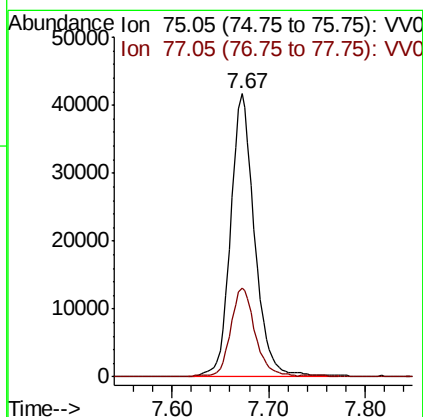
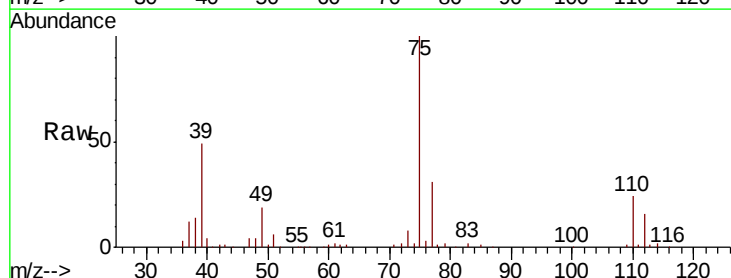
Instrument :
 MSVOA_V
 ClientSampled :
 VICV34

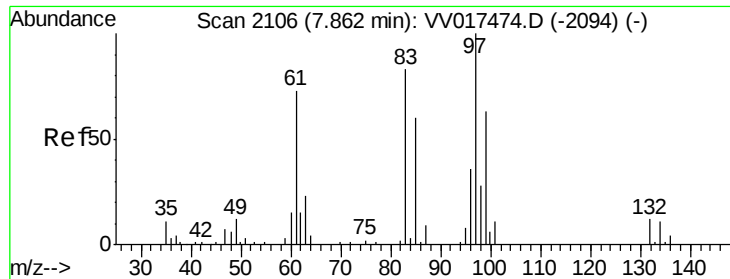
Tot Ion:105 Resp: 241305
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.6 53.4



#46
 trans-1,3-Dichloropropene
 Concen: 5.416 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

Tgt Ion: 75 Resp: 72076
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.2 39.4

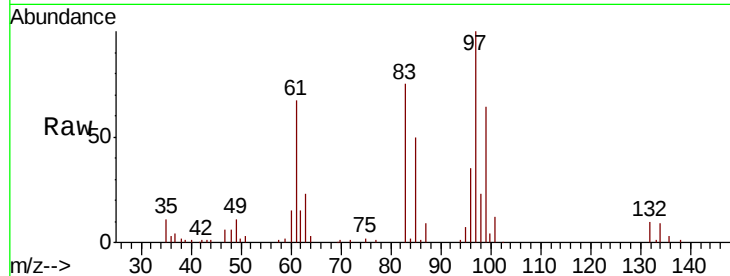




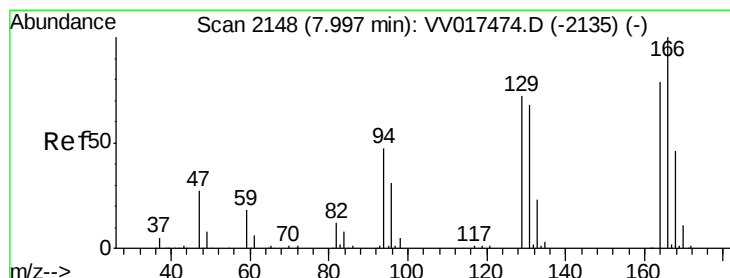
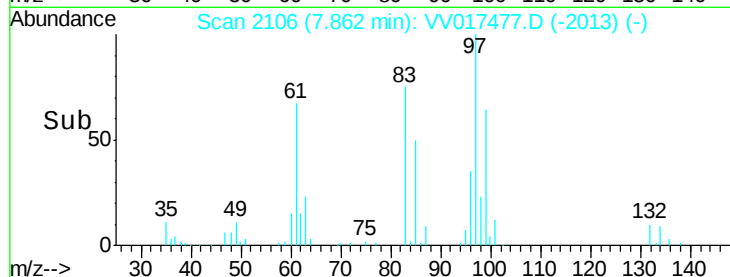
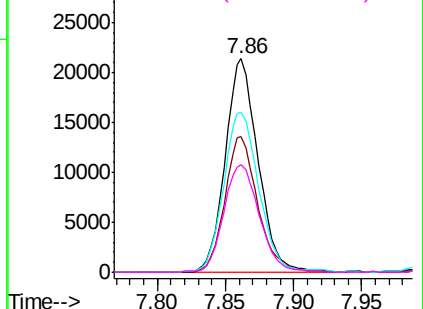
#47
1,1,2-Trichloroethane
Concen: 5.090 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Tot Ion:	97	Resp:	35751
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.0	81.6
83	74.7	57.7	107.3
85	50.4	41.9	77.9

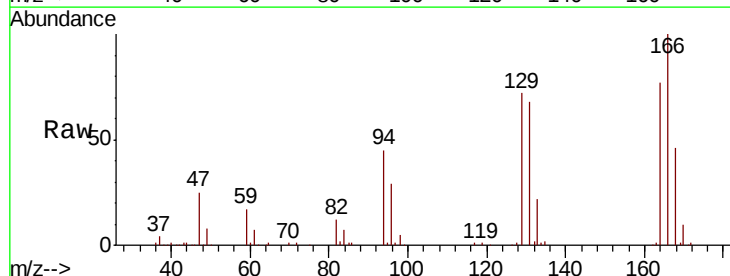


Abundance Ion 96.95 (96.65 to 97.65): VV017477.D (-2013) (-)
Ion 99.05 (98.75 to 99.75): VV017477.D (-2013) (-)
Ion 82.95 (82.65 to 83.65): VV017477.D (-2013) (-)
Ion 85.00 (84.70 to 85.70): VV017477.D (-2013) (-)

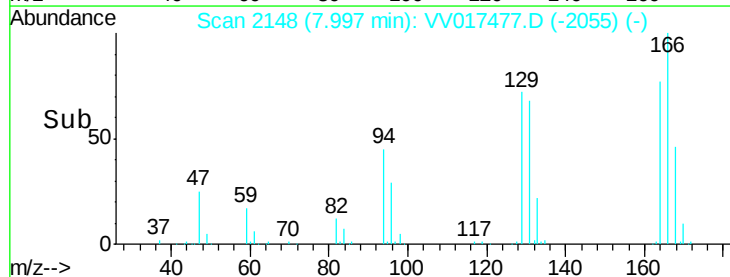
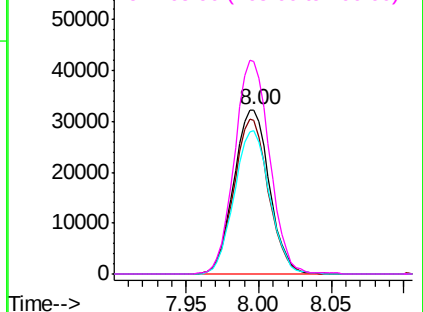


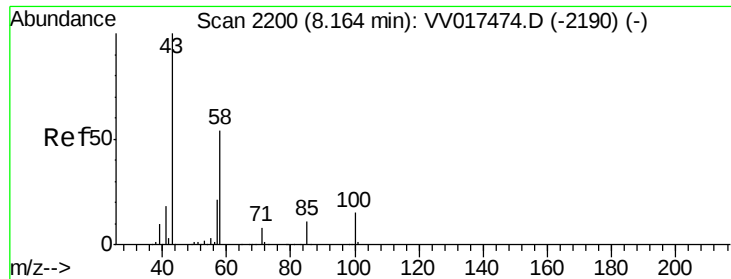
#49
Tetrachloroethene
Concen: 5.216 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion:	164	Resp:	55035
Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.1	119.1
131	87.3	60.6	112.6
166	129.2	88.8	164.8



Abundance Ion 163.90 (163.60 to 164.60): VV017477.D (-2055) (-)
Ion 128.95 (128.65 to 129.65): VV017477.D (-2055) (-)
Ion 130.95 (130.65 to 131.65): VV017477.D (-2055) (-)
Ion 165.90 (165.60 to 166.60): VV017477.D (-2055) (-)

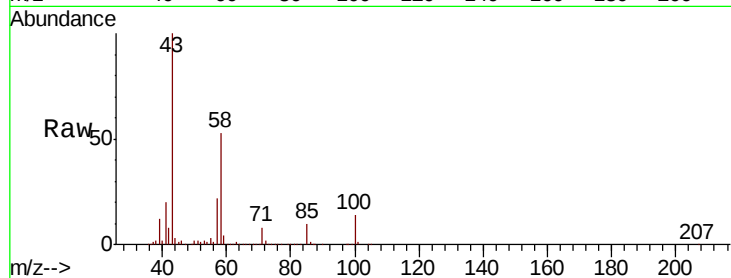




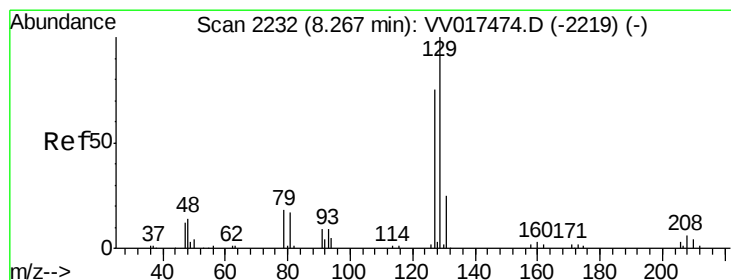
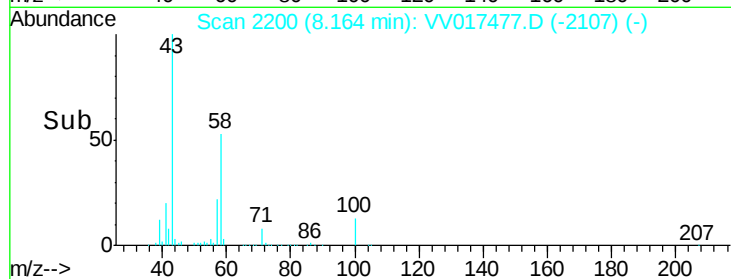
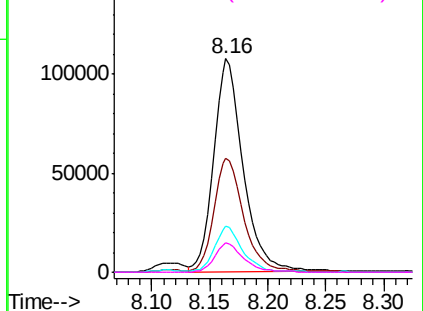
#50
2-Hexanone
Concen: 52.070 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Tot Ion: 43 Resp: 190062
Ion Ratio Lower Upper
43 100
58 53.9 43.0 64.4
57 21.0 16.8 25.2
100 13.8 11.8 17.6

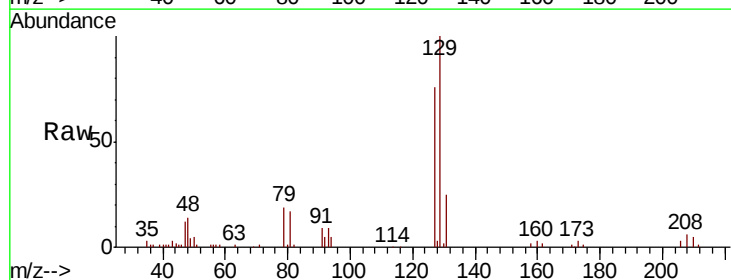


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

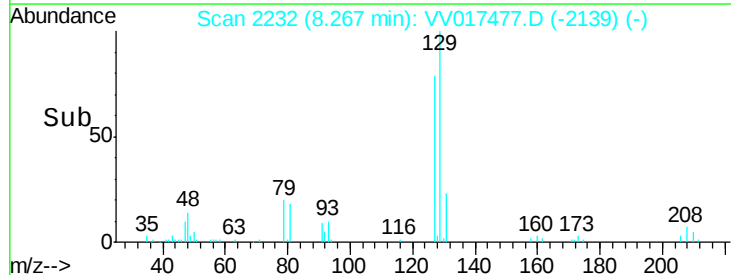
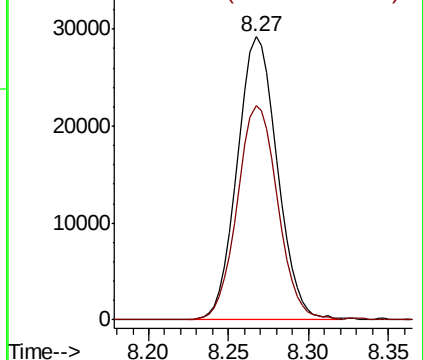


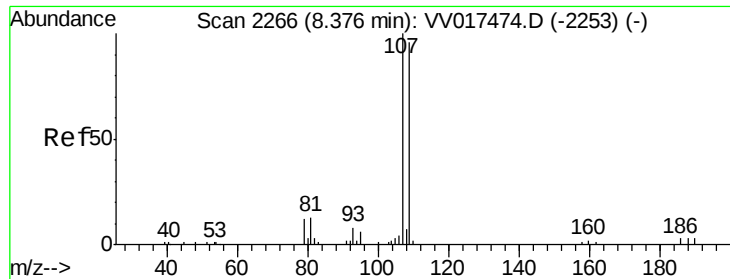
#51
Dibromochloromethane
Concen: 5.151 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion: 129 Resp: 49851
Ion Ratio Lower Upper
129 100
127 75.6 52.4 97.4



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 5.168 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

VICV34

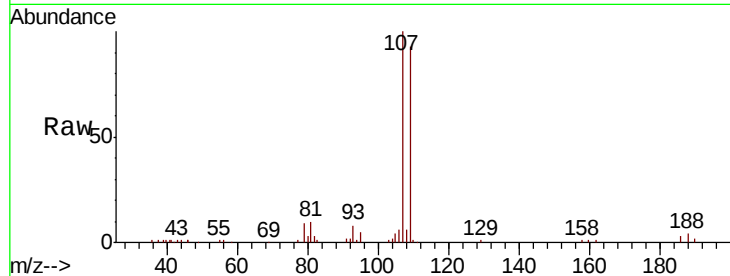
Tot Ion:107 Resp: 35558

Ion Ratio Lower Upper

107 100

109 92.6 67.0 124.4

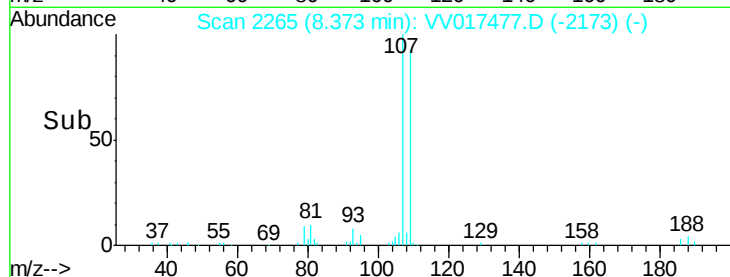
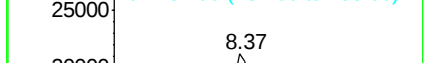
188 4.0 2.7 4.1



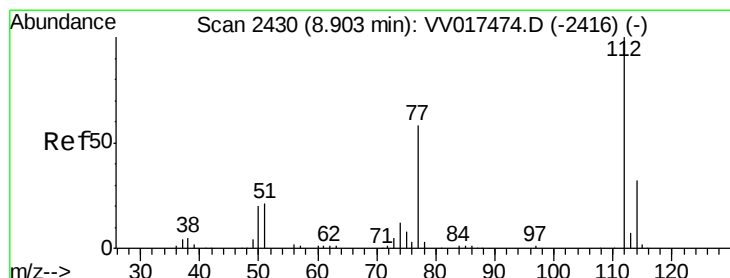
Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



Time-->



#53

Chlorobenzene

Concen: 5.215 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

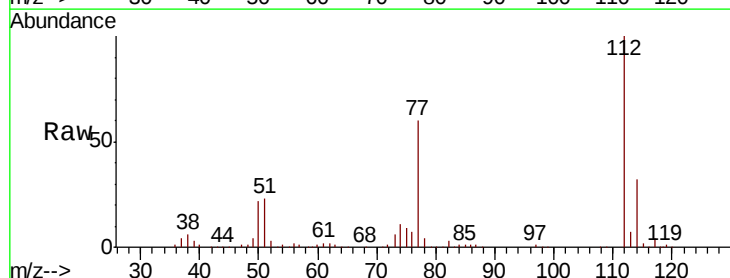
Tgt Ion:112 Resp: 156616

Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

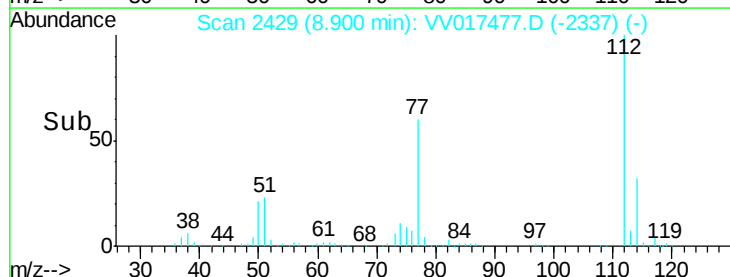
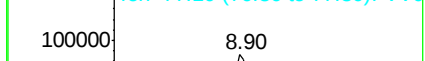
77 60.5 47.0 70.4



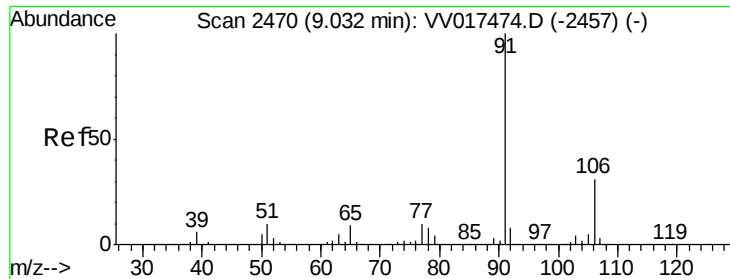
Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0



Time-->



#54

Ethylbenzene

Concen: 5.130 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

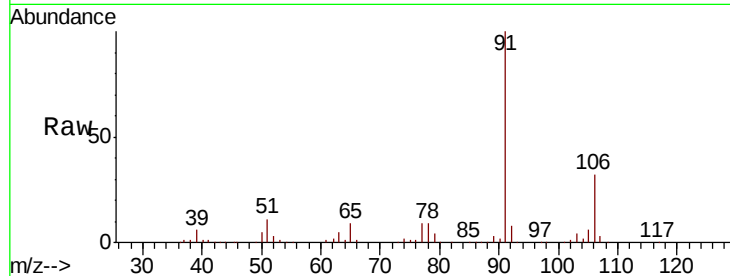
VICV34

Tot Ion: 91 Resp: 263225

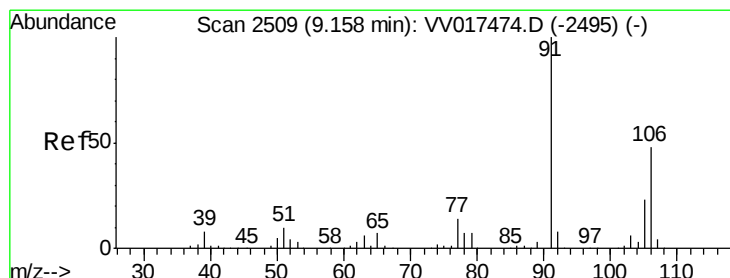
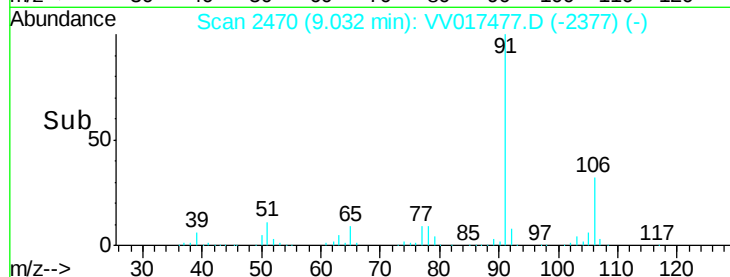
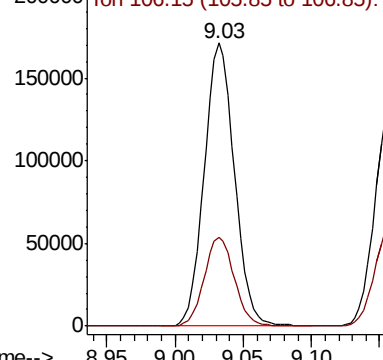
Ion Ratio Lower Upper

91 100

106 31.6 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV017477.D (-2377) (-)



#55

m,p-xylene

Concen: 5.267 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017477.D

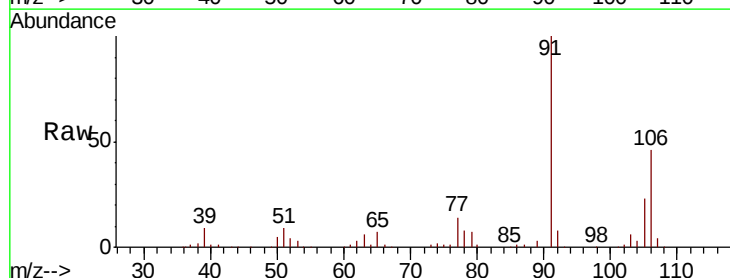
Acq: 14 Jul 2020 11:34

Tgt Ion: 106 Resp: 102196

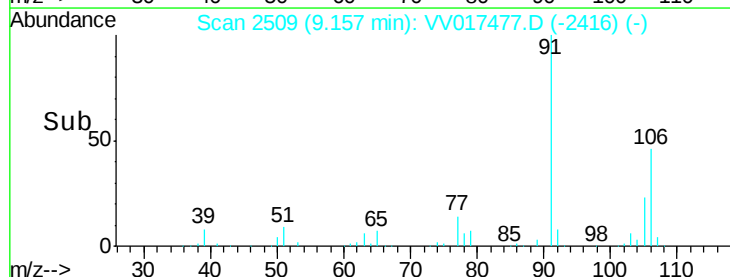
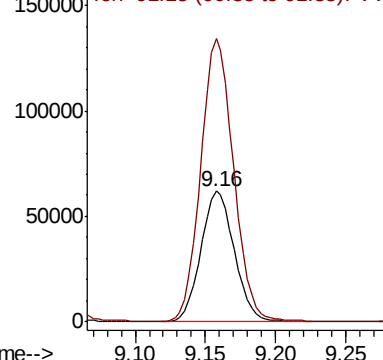
Ion Ratio Lower Upper

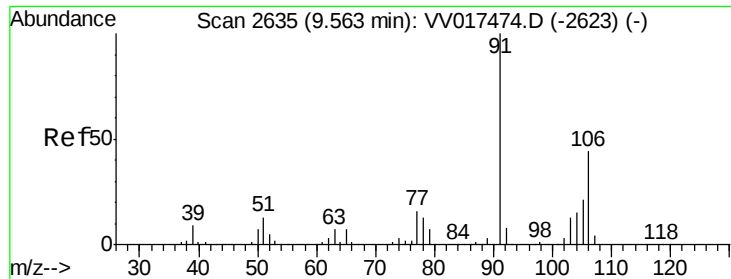
106 100

91 216.9 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): VV017477.D (-2416) (-)

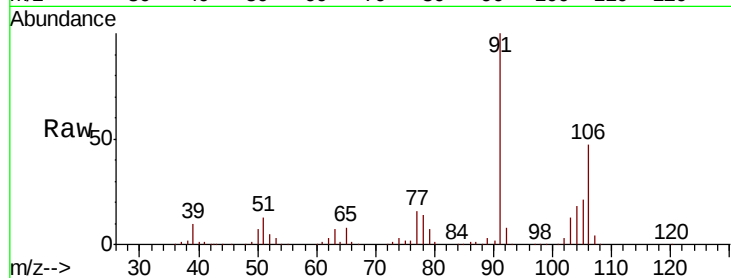




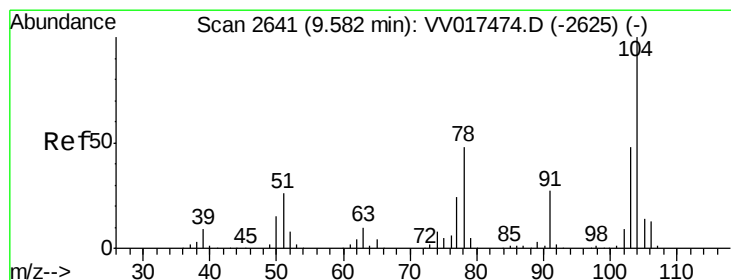
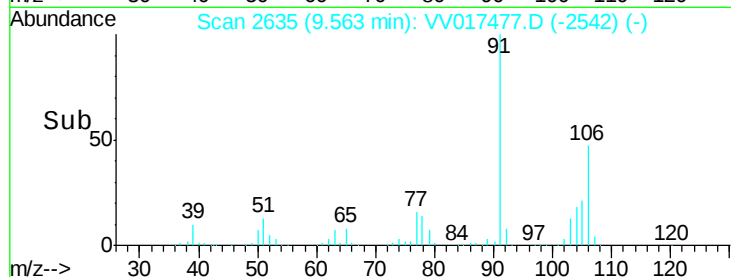
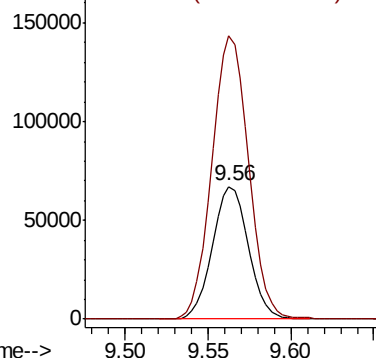
#56
o-xylene
Concen: 5.401 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Tot Ion:106 Resp: 101367
Ion Ratio Lower Upper
106 100
91 213.0 158.8 294.8

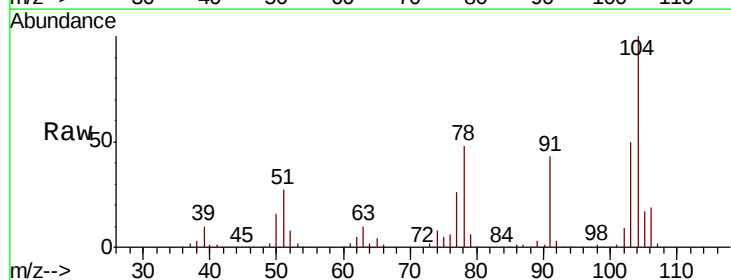


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

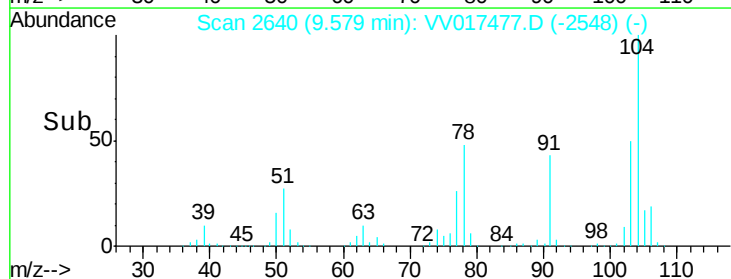
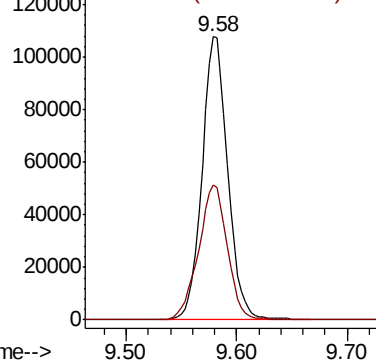


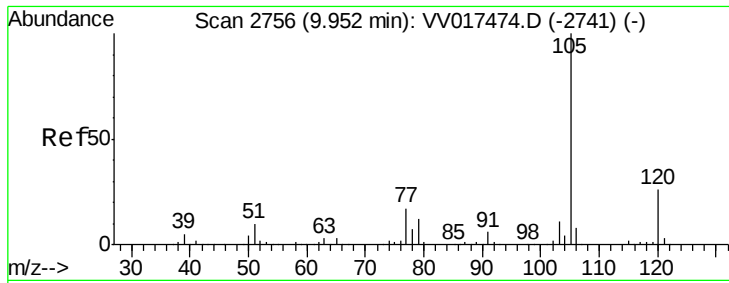
#57
Styrene
Concen: 5.503 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion:104 Resp: 173839
Ion Ratio Lower Upper
104 100
78 47.8 33.5 62.1



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#58

Isopropylbenzene

Concen: 5.295 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

VICV34

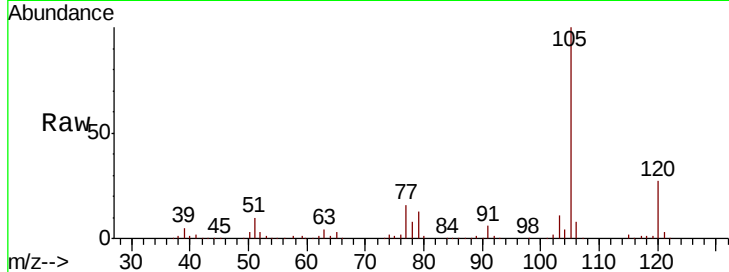
Tot Ion:105 Resp: 281377

Ion Ratio Lower Upper

105 100

120 26.4 21.3 31.9

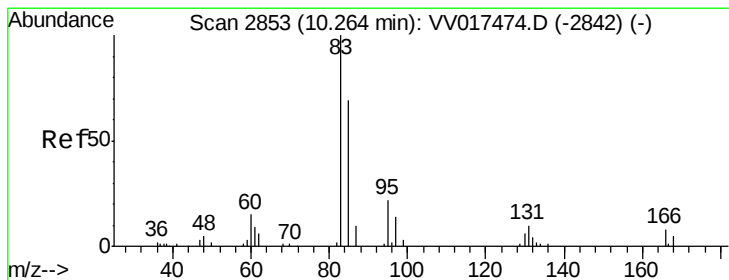
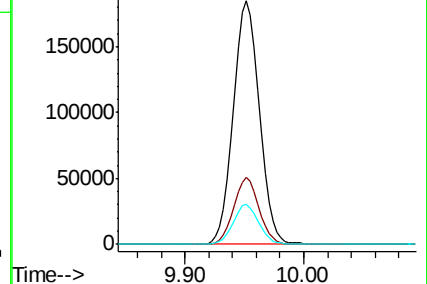
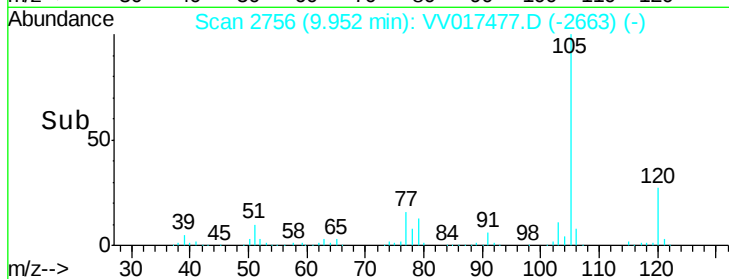
77 16.1 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.433 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

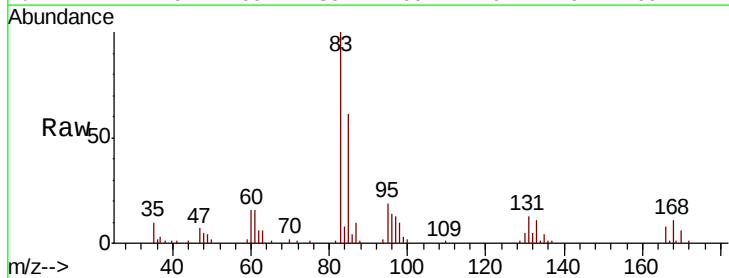
Tgt Ion: 83 Resp: 38539

Ion Ratio Lower Upper

83 100

85 61.3 49.1 91.3

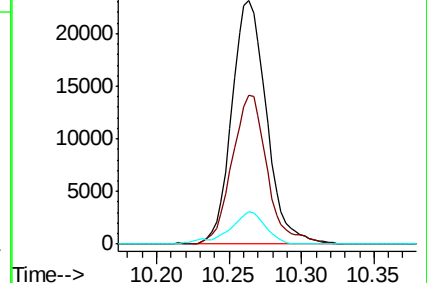
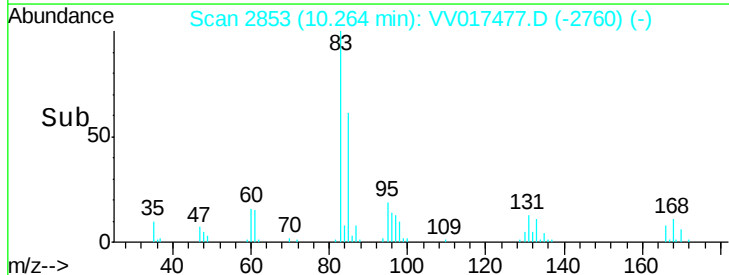
131 13.1 9.8 14.6

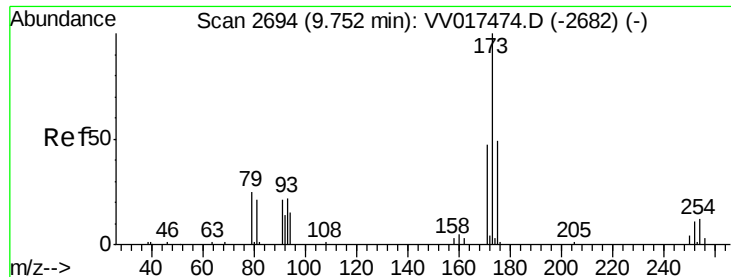


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.168 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

VICV34

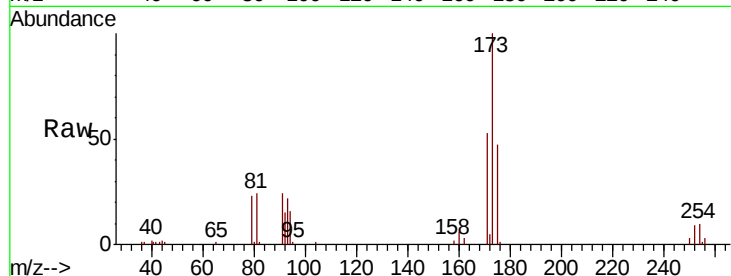
Tot Ion:173 Resp: 28482

Ion Ratio Lower Upper

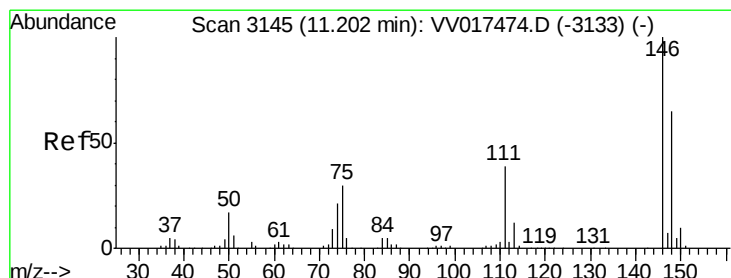
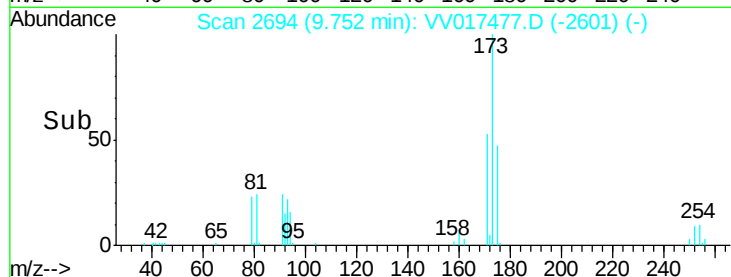
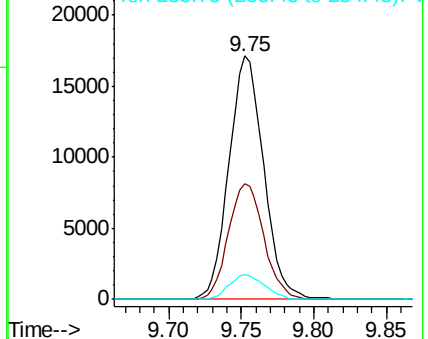
173 100

175 48.2 39.8 59.8

254 10.3 8.5 12.7



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 5.151 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

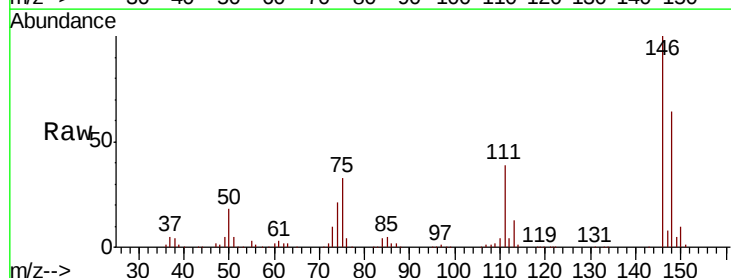
Tgt Ion:146 Resp: 137224

Ion Ratio Lower Upper

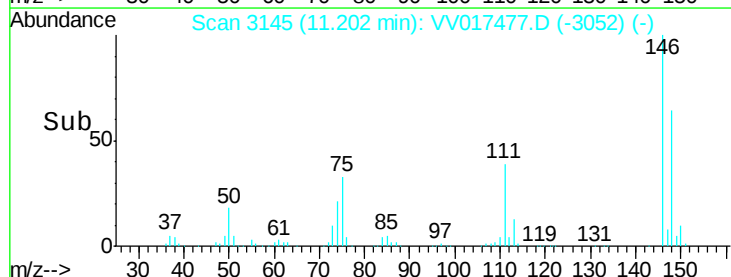
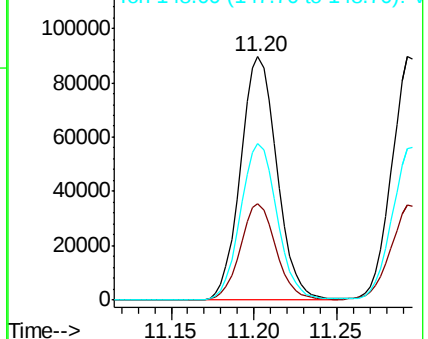
146 100

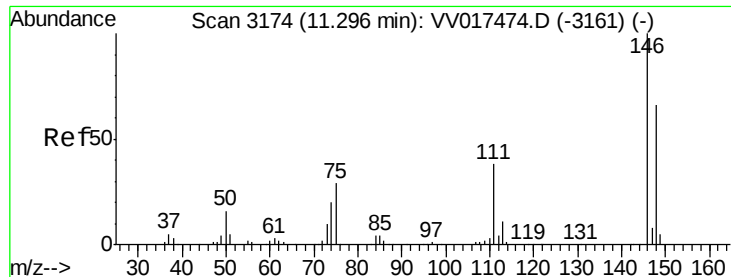
111 39.5 27.2 50.6

148 64.3 45.6 84.6



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 5.228 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

VICV34

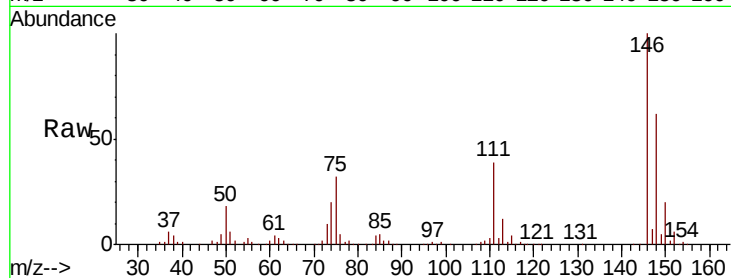
Tot Ion:146 Resp: 138232

Ion Ratio Lower Upper

146 100

111 39.0 26.9 50.1

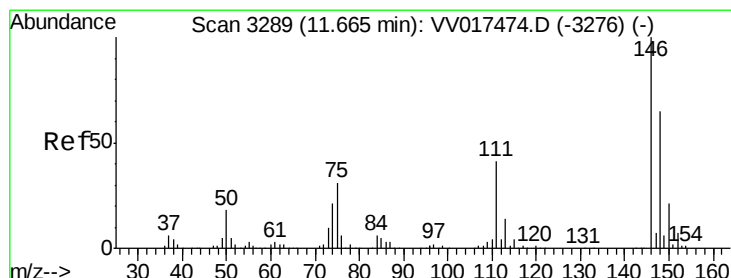
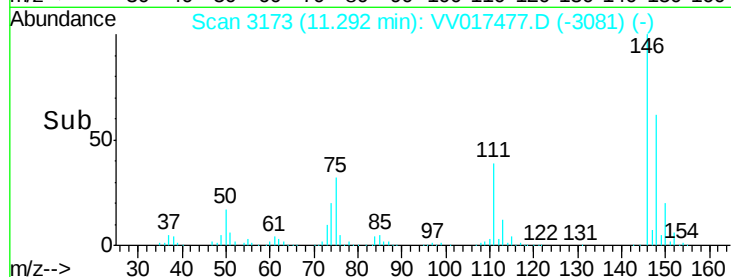
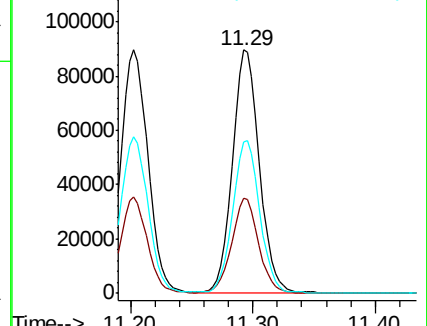
148 62.3 46.1 85.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 5.105 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017477.D

Acq: 14 Jul 2020 11:34

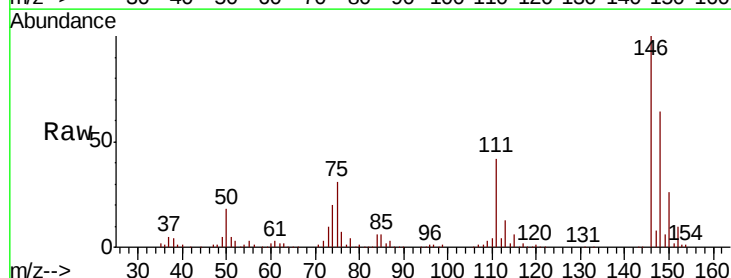
Tgt Ion:146 Resp: 123238

Ion Ratio Lower Upper

146 100

111 41.7 32.7 49.1

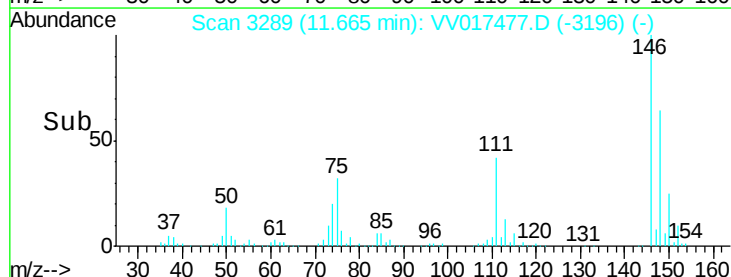
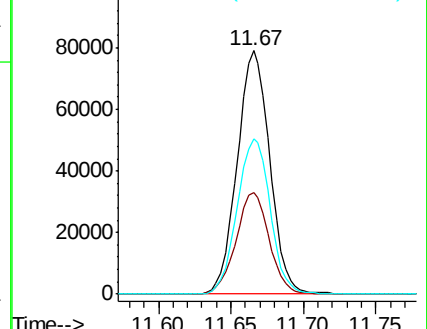
148 63.5 52.3 78.5

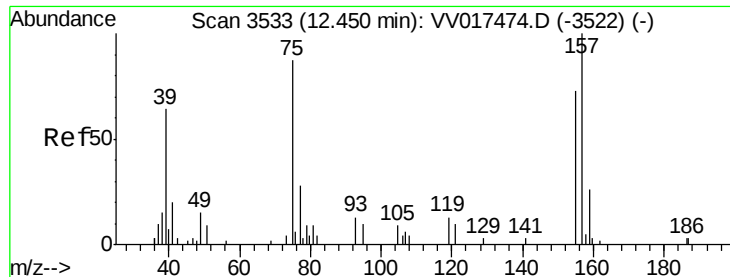


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

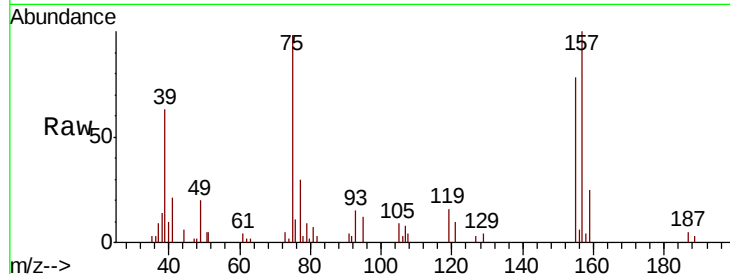




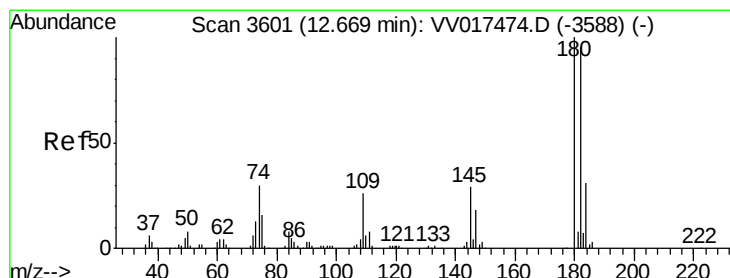
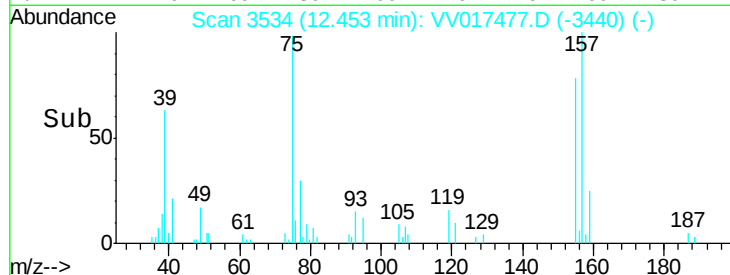
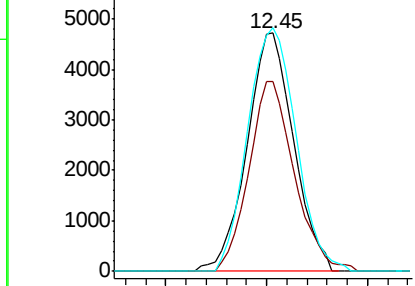
#67
 1,2-Dibromo-3-chloropropane
 Concen: 5.121 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Tot Ion: 75 Resp: 7616
 Ion Ratio Lower Upper
 75 100
 155 79.7 67.5 101.3
 157 102.2 92.5 138.7

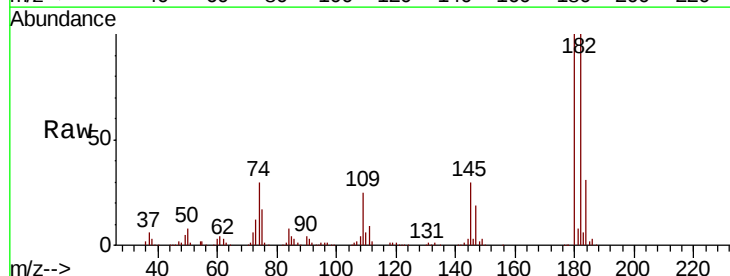


Abundance Ion 75.05 (74.75 to 75.75): VV017477.D (-3440) (-)
 Ion 154.95 (154.65 to 155.65): VV017477.D (-3440) (-)
 Ion 156.90 (156.60 to 157.60): VV017477.D (-3440) (-)

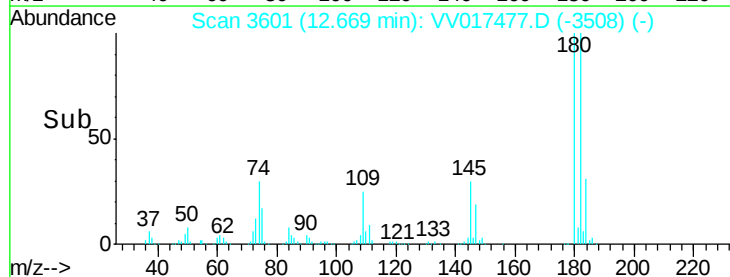
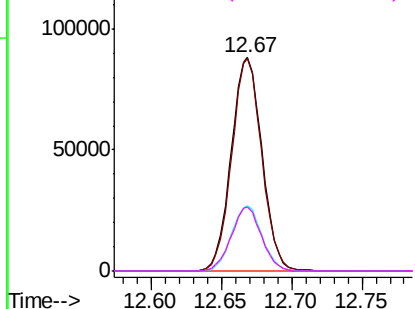


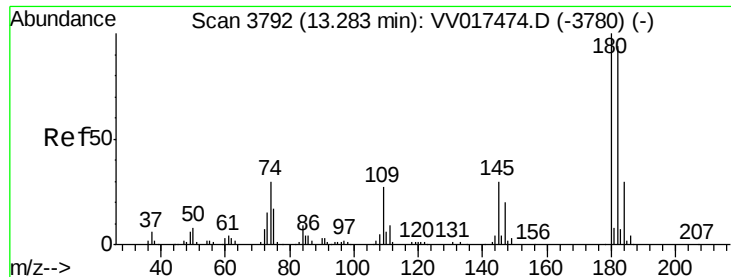
#68
 1,3,5-Trichlorobenzene
 Concen: 6.225 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

Tgt Ion: 180 Resp: 134869
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.2 114.4
 184 30.3 24.3 36.5
 145 29.6 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): VV017477.D (-3508) (-)
 Ion 182.00 (181.70 to 182.70): VV017477.D (-3508) (-)
 Ion 184.00 (183.70 to 184.70): VV017477.D (-3508) (-)
 Ion 145.00 (144.70 to 145.70): VV017477.D (-3508) (-)

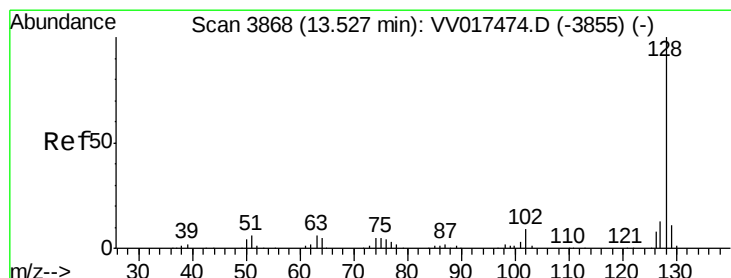
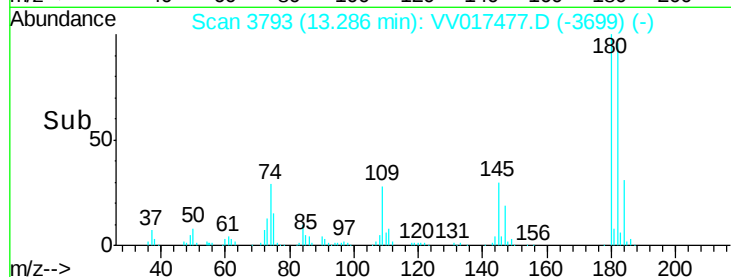
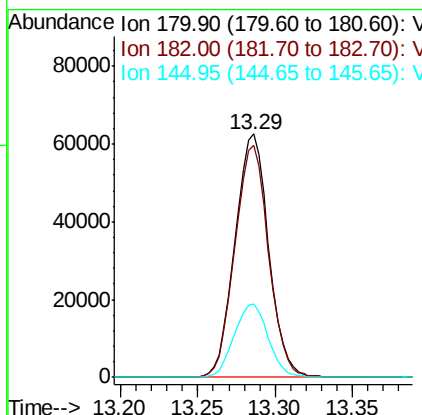
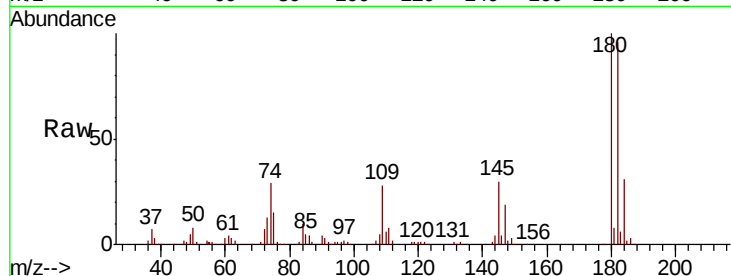




#69
1,2,4-trichlorobenzene
Concen: 5.317 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

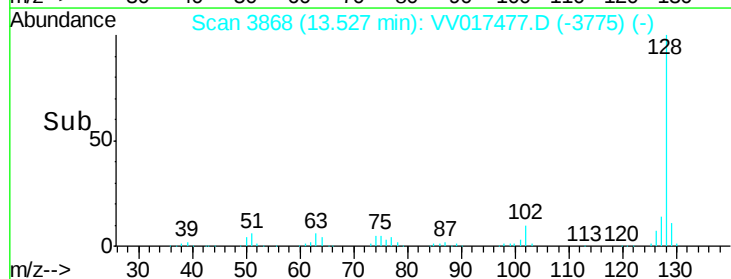
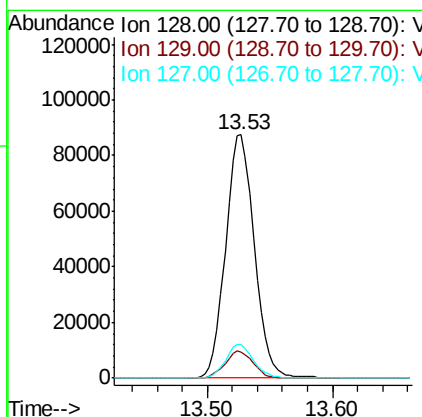
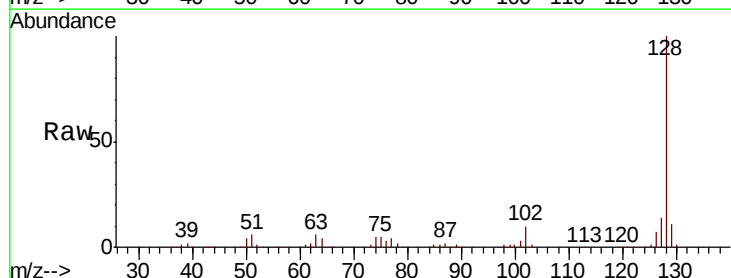
Instrument :
MSVOA_V
ClientSampleId :
VICV34

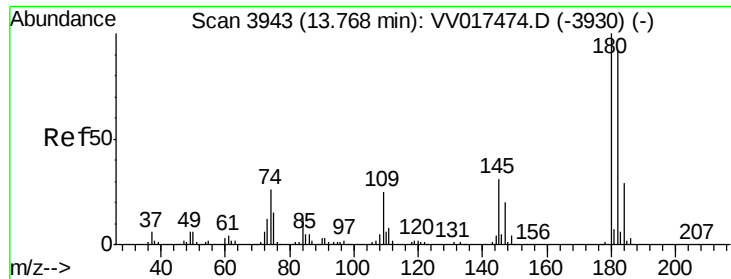
Tot Ion:180 Resp: 94586
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 30.5 24.5 36.7



#70
Naphthalene
Concen: 5.549 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV017477.D
Acq: 14 Jul 2020 11:34

Tgt Ion:128 Resp: 138916
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.6 10.6 15.8





#71
 1,2,3-Trichlorobenzene
 Concen: 5.534 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV017477.D
 Acq: 14 Jul 2020 11:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.0	111.0
145	33.2	26.0	39.0

