

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016186.D
 Acq On : 22 May 2020 21:14
 Operator : SY/MD
 Sample : L2756-05MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:12:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165512	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.88	117	153931	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.28	152	78796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55239	6.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.00%
7) Chloroethane-d5	1.58	69	40959	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.14	63	3666268	189.88	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3797.60%#
20) 2-Butanone-d5	4.05	46	50003	19.52	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	39.04%#
24) Chloroform-d	4.40	84	99880	5.09	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	46009	4.09	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	191641	5.23	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.11	67	58144	5.20	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.30	98	19485	0.56	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	11.20%#
45) trans-1,3-Dichloropropene-	7.66	79	21421	4.88	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
48) 2-Hexanone-d5	8.13	63	93184	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37457	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	64829	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	1380	0.109	ug/L	98
3) Chloromethane	1.24	50	1703	0.133	ug/L	95
5) Vinyl chloride	1.32	62	1122917	91.454	ug/L	100
8) Chloroethane	1.60	64	18380	2.101	ug/L	92
9) Trichlorofluoromethane	1.77	101	41668	2.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	435987	45.830	ug/L	98
12) 1,1-Dichloroethene	2.14	96	6213821	682.211	ug/L #	58
13) Acetone	2.15	43	37164	21.996	ug/L	95
14) Carbon disulfide	2.32	76	31243	1.039	ug/L	99
15) Methyl Acetate	2.55	43	556581	142.552	ug/L #	56
16) Methylene chloride	2.52	84	13287605	1219.173	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	1028720	102.198	ug/L	99
19) 1,1-Dichloroethane	3.23	63	21241000	1095.590	ug/L	94
21) 2-Butanone	4.07	43	24876	9.668	ug/L #	1
23) Bromochloromethane	4.31	128	4396	0.977	ug/L	83
25) Chloroform	4.42	83	99447	4.658	ug/L	100
27) 1,2-Dichloroethane	5.17	62	176012	13.417	ug/L	99

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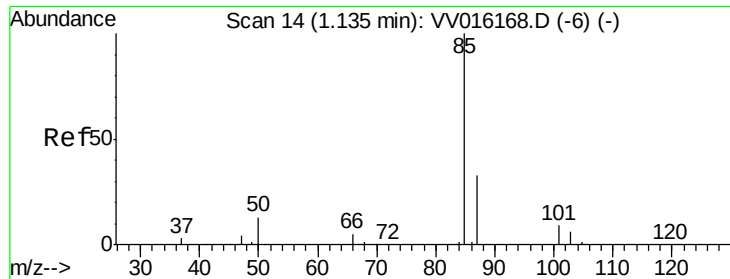
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:12:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) Cyclohexane	4.75	56	1391413	81.797	ug/L	92
31) Carbon tetrachloride	4.71	117	13734510	937.523	ug/L	100
33) Benzene	5.14	78	7681656	198.348	ug/L	100
34) Trichloroethene	5.95	95	2501290	226.282	ug/L	95
35) Methylcyclohexane	6.17	83	1778662	106.374	ug/L	99
37) 1,2-Dichloropropane	6.17	63	13124	1.334	ug/L #	67
38) Bromodichloromethane	6.50	83	2722	0.218	ug/L #	58
40) 4-Methyl-2-pentanone	7.30	43	2780675	453.418	ug/L	97
43) 1,3,5-Trimethylbenzene	10.57	105	5997796	159.158	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.95	105	14501209	385.073	ug/L #	100
46) trans-1,3-Dichloropropene	7.48	75	1417264	120.648	ug/L #	1
47) 1,1,2-Trichloroethane	7.87	97	60369	9.188	ug/L	96
49) Tetrachloroethene	8.01	164	219909	28.512	ug/L	99
50) 2-Hexanone	8.18	43	130392	30.066	ug/L #	89
51) Dibromochloromethane	8.01	129	215343	29.167	ug/L #	9
53) Chlorobenzene	8.91	112	180250	6.827	ug/L	99
55) m,p-xylene	9.06	106	12720041	735.945	ug/L #	50
56) o-xylene	9.59	106	11846290	716.896	ug/L #	47
57) Styrene	9.60	104	5579361	201.862	ug/L	83
58) Isopropylbenzene	9.96	105	1065884	23.479	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.27	83	5271	0.751	ug/L #	76
63) 1,3-Dichlorobenzene	11.21	146	10095	0.476	ug/L	89
64) 1,4-Dichlorobenzene	11.30	146	96241	4.512	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	563125	29.309	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.44	75	5645	4.502	ug/L #	6

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



#2

Dichlorodifluoromethane

Concen: 0.109 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :

MSVOA_V

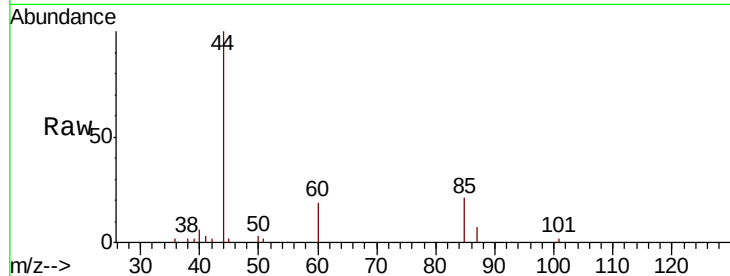
ClientSampleId :

Tot Ion: 85 Resp: 1380

Ion Ratio Lower Upper

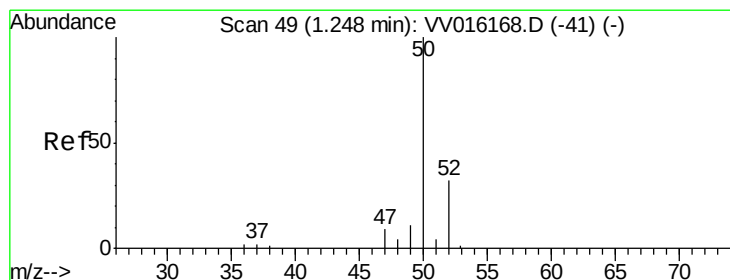
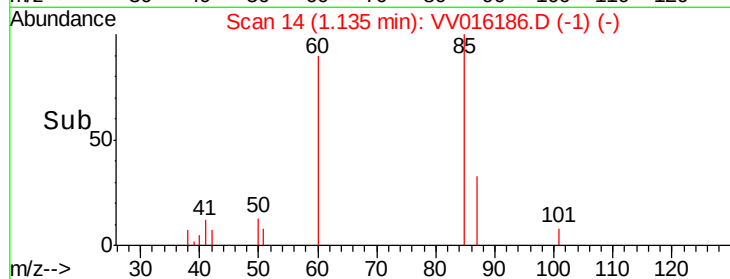
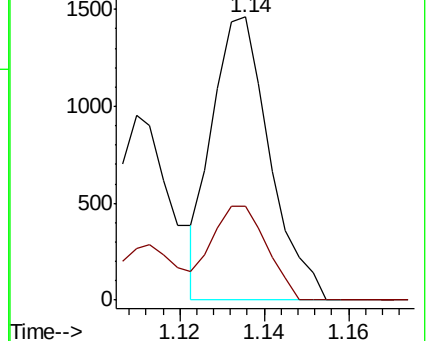
85 100

87 32.0 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.133 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV016186.D

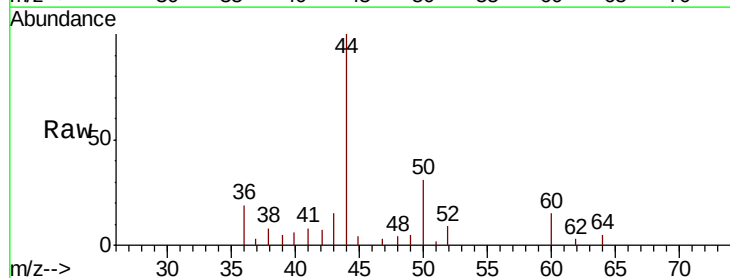
Acq: 22 May 2020 21:14

Tgt Ion: 50 Resp: 1703

Ion Ratio Lower Upper

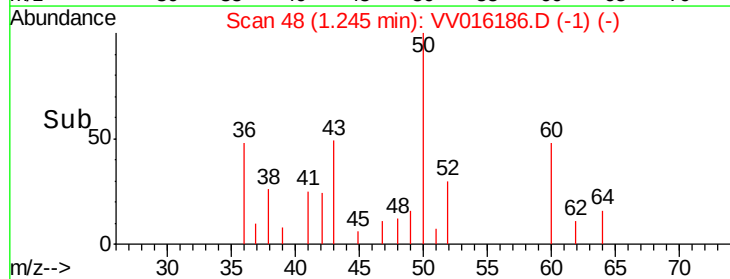
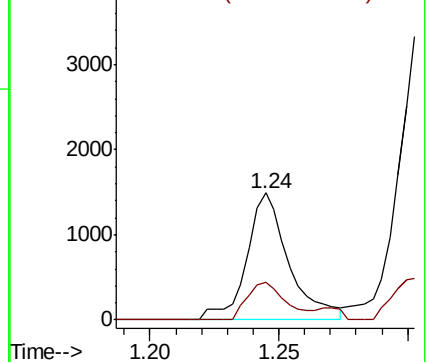
50 100

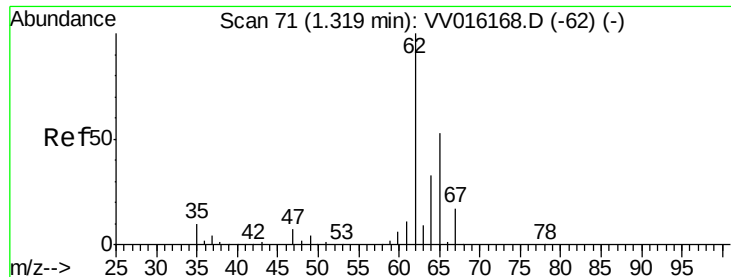
52 29.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 91.454 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :

MSVOA_V

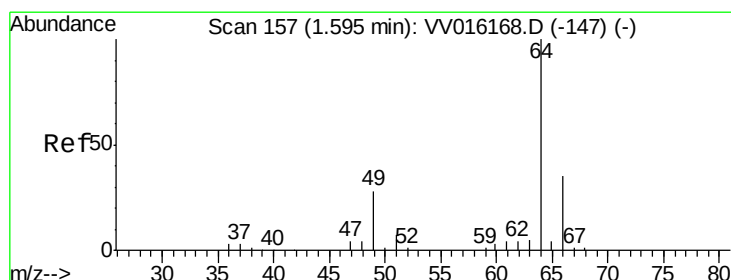
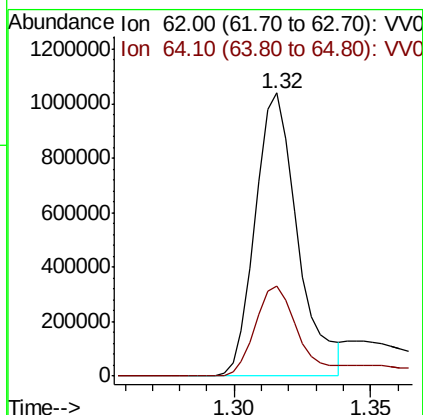
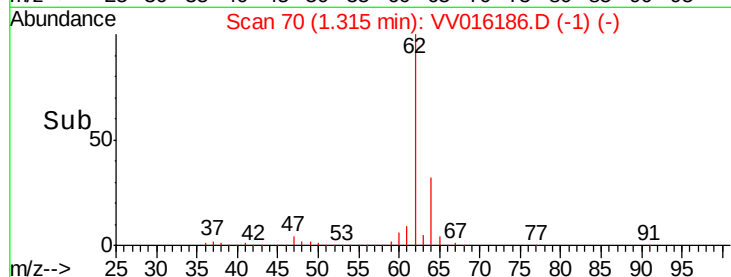
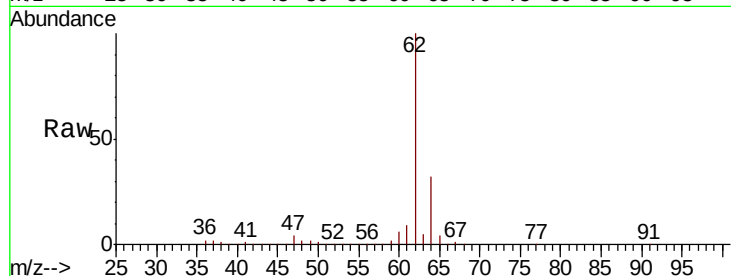
ClientSampled :

Tot Ion: 62 Resp: 1122917

Ion Ratio Lower Upper

62 100

64 31.9 22.4 41.6



#8

Chloroethane

Concen: 2.101 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV016186.D

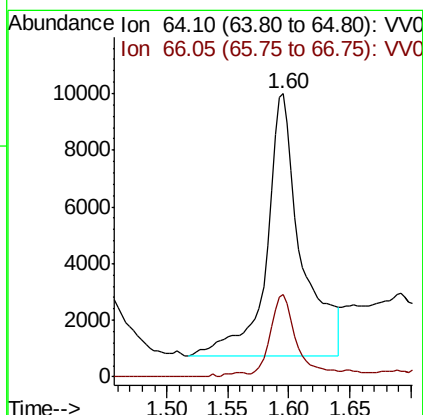
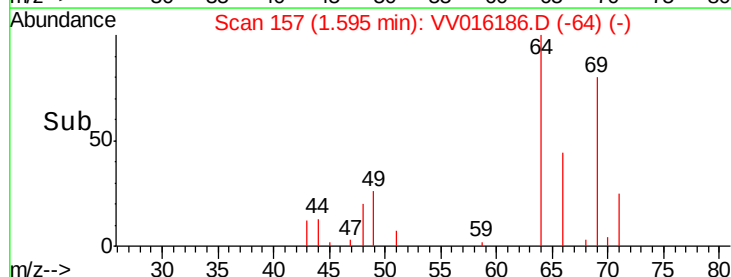
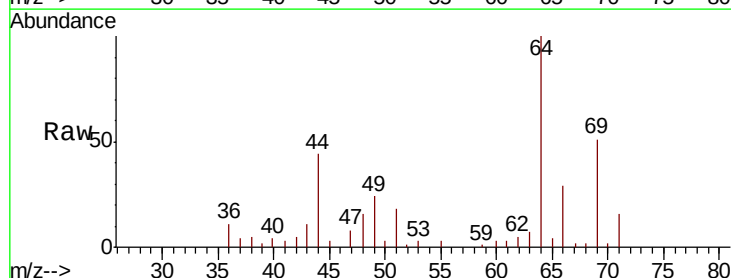
Acq: 22 May 2020 21:14

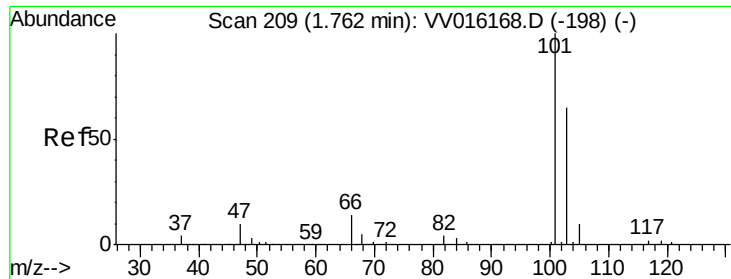
Tgt Ion: 64 Resp: 18380

Ion Ratio Lower Upper

64 100

66 29.1 23.6 43.8



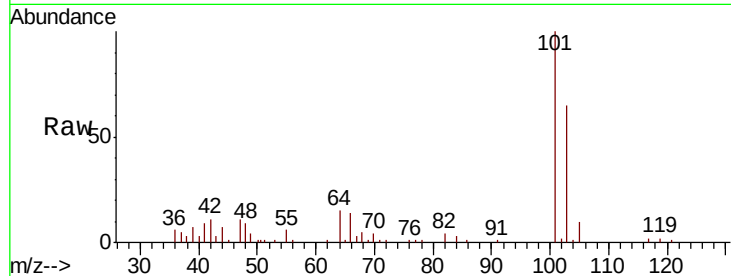


#9

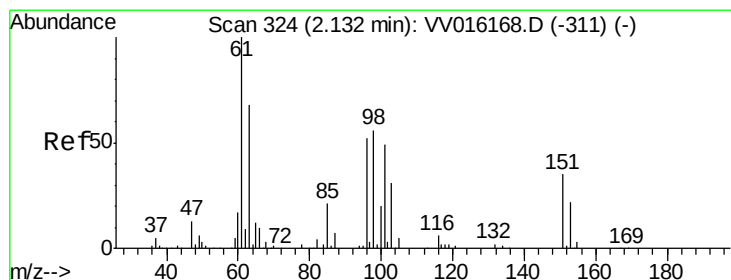
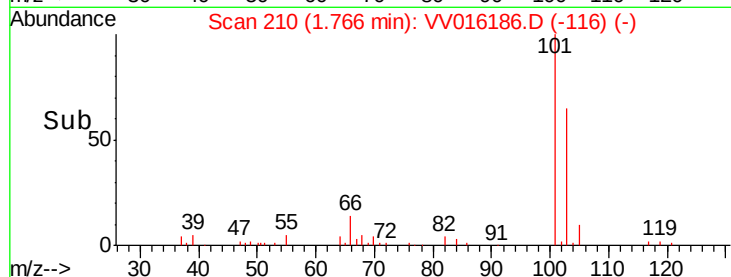
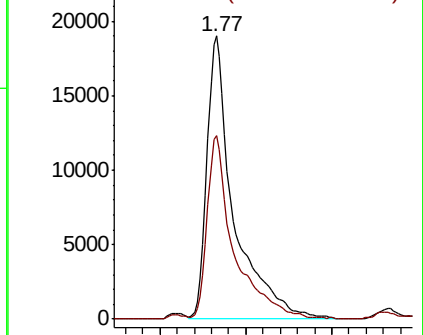
Trichlorofluoromethane
 Concen: 2.474 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:101 Resp: 41668
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2



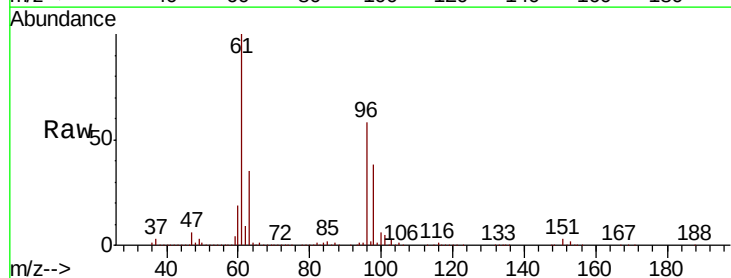
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



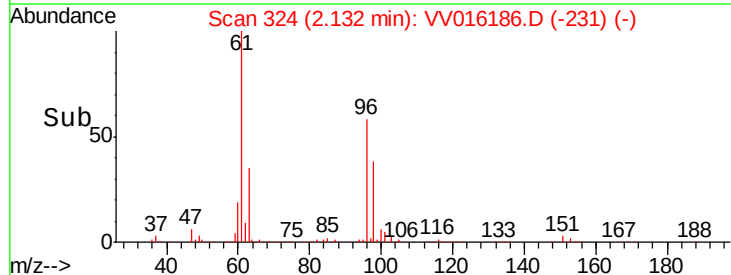
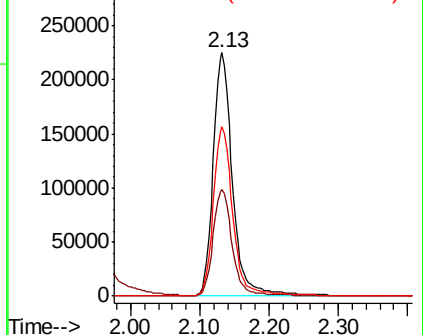
#10

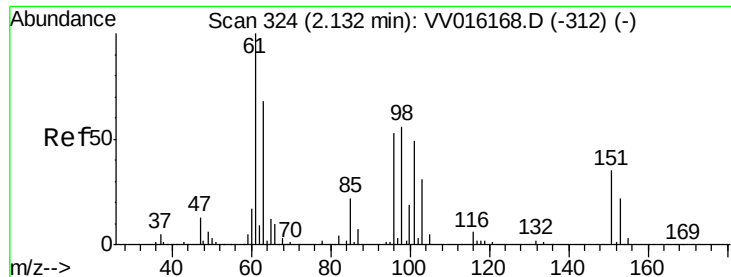
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.830 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Tgt Ion:101 Resp: 435987
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.7 53.5
 151 70.6 58.0 87.0



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VV0
 Ion 151.00 (150.70 to 151.70): V

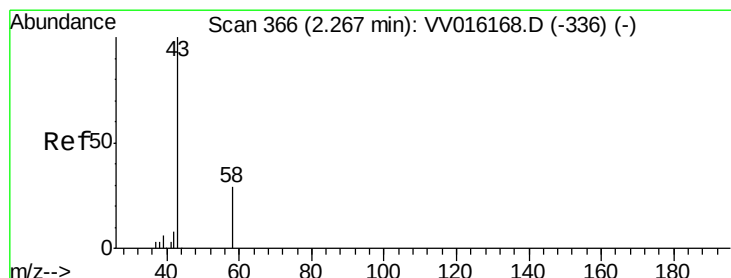
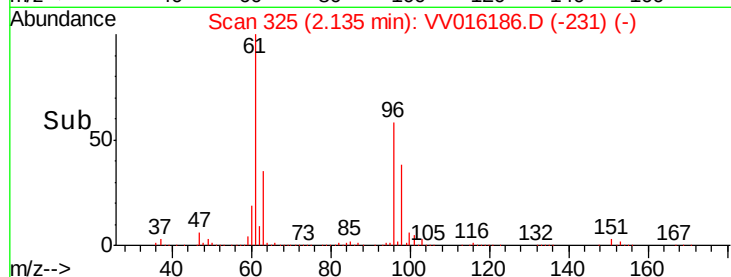
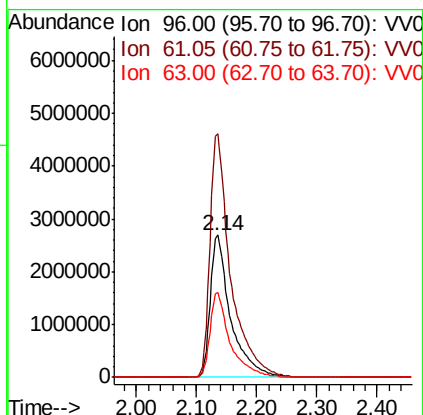
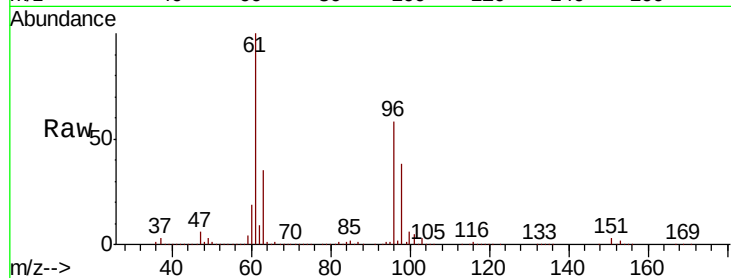




#12
 1,1-Dichloroethene
 Concen: 682.211 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

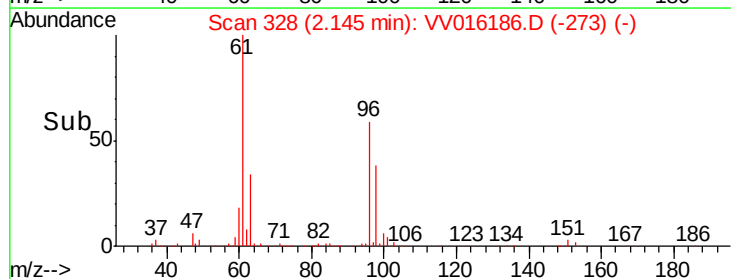
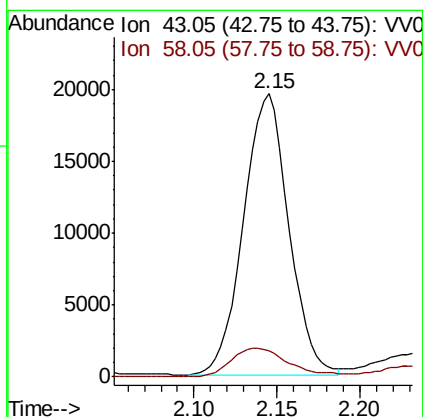
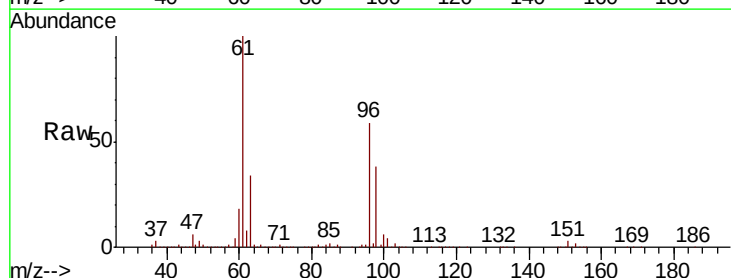
Instrument :
 MSVOA_V
 ClientSampled :

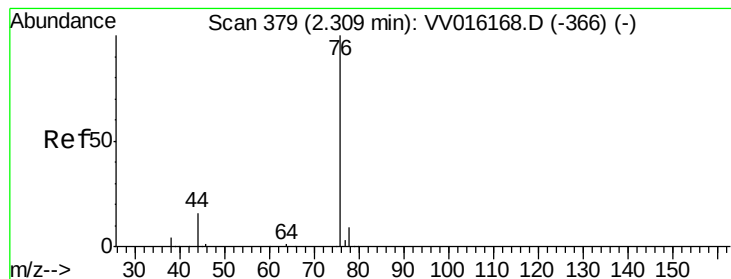
Tot Ion: 96 Resp: 6213821
 Ion Ratio Lower Upper
 96 100
 61 171.6 139.9 259.7
 63 59.8 106.4 197.6#



#13
 Acetone
 Concen: 21.996 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. -0.12 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Tgt Ion: 43 Resp: 37164
 Ion Ratio Lower Upper
 43 100
 58 13.1 0.0 30.8





#14

Carbon disulfide

Concen: 1.039 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :

MSVOA_V

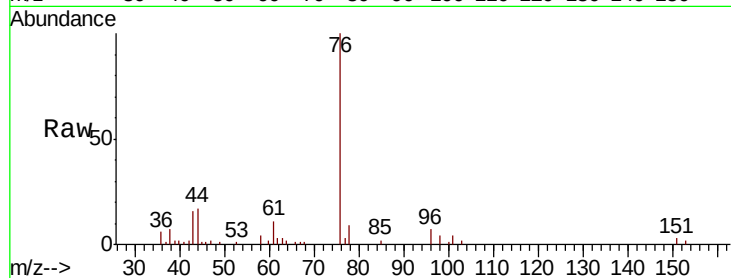
ClientSampleId :

Tot Ion: 76 Resp: 31243

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

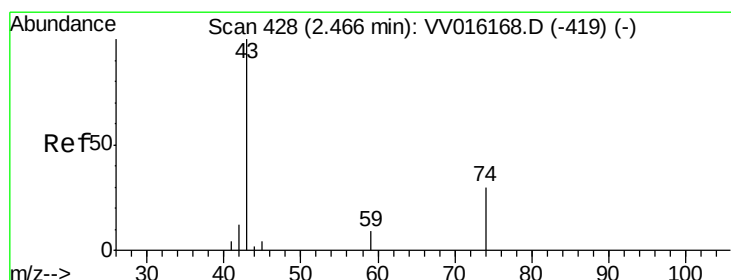
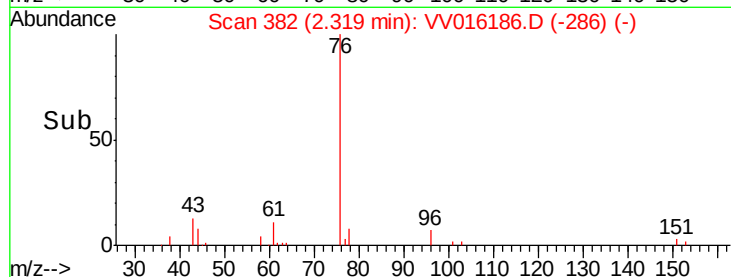
15000

10000

5000

0

Time--> 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 142.552 ug/L

RT: 2.55 min Scan# 453

Delta R.T. 0.08 min

Lab File: VV016186.D

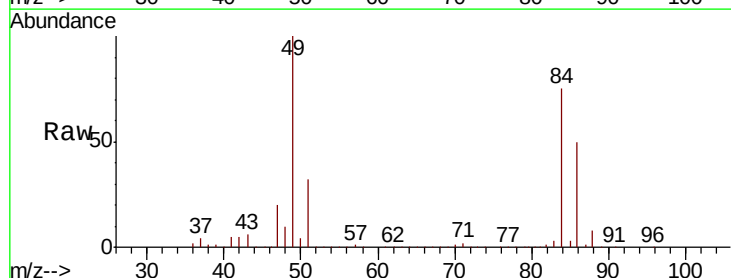
Acq: 22 May 2020 21:14

Tgt Ion: 43 Resp: 556581

Ion Ratio Lower Upper

43 100

74 2.3 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

200000

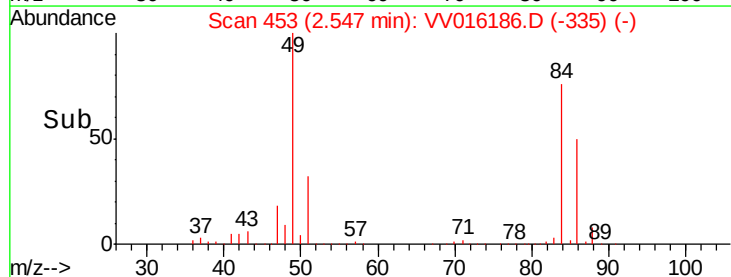
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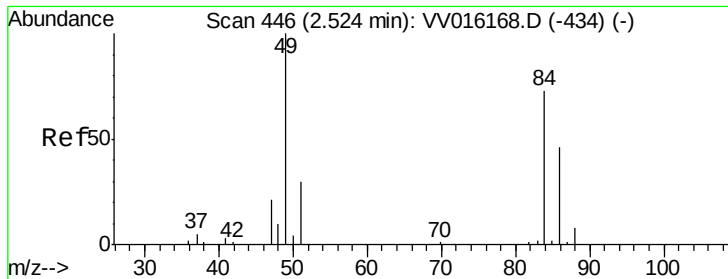
100000

50000

0

Time--> 2.40 2.50 2.60

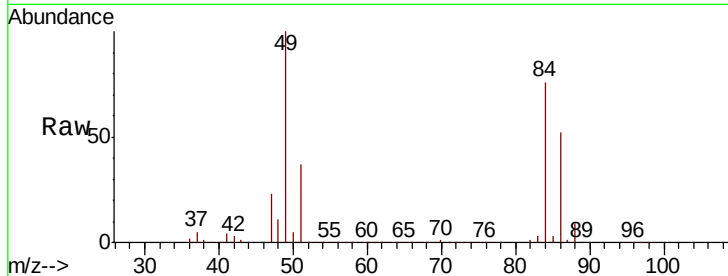




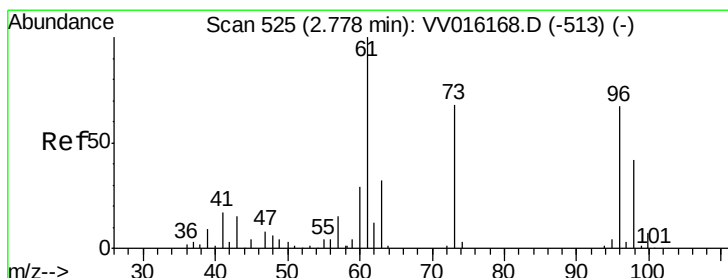
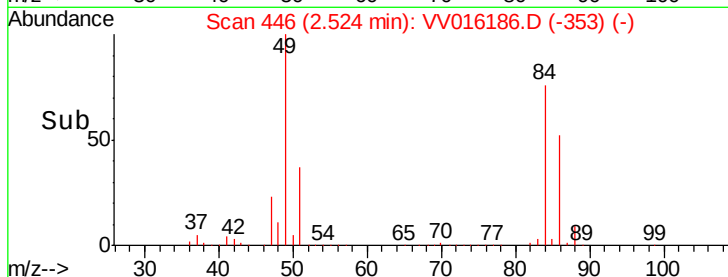
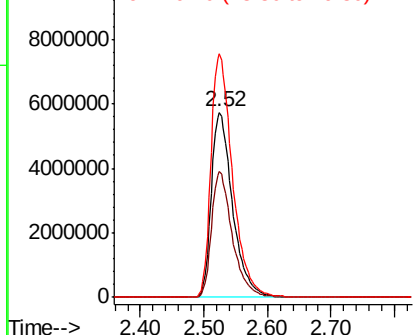
#16
Methvlene chloride
Concen: 1219.173 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp:13287605
Ion Ratio Lower Upper
84 100
86 67.9 45.6 84.8
49 131.6 93.6 173.8

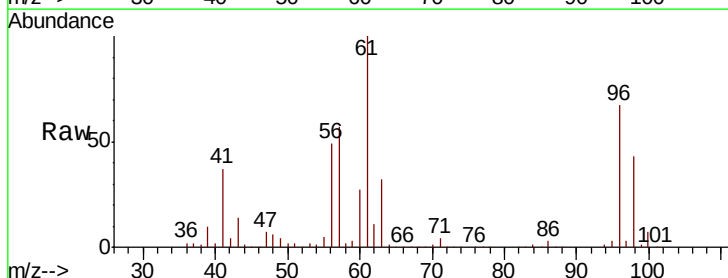


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

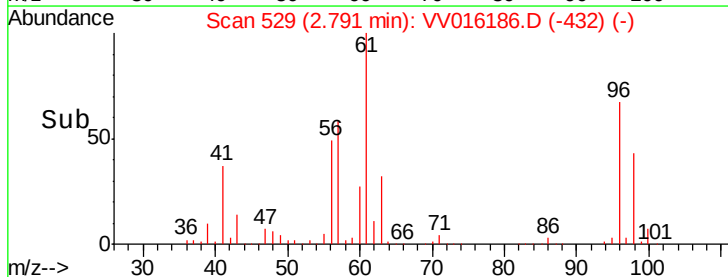
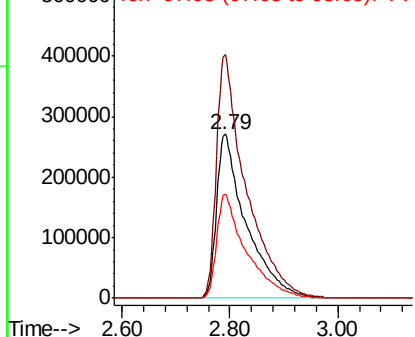


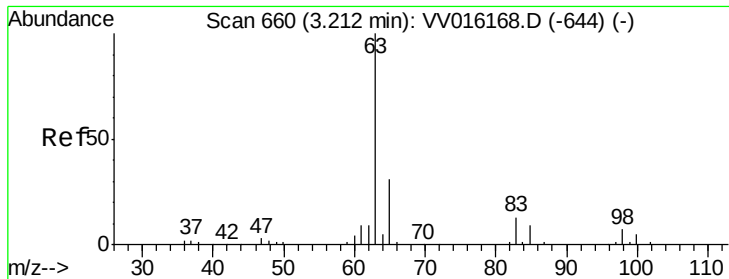
#18
trans-1,2-Dichloroethene
Concen: 102.198 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Tgt Ion: 96 Resp: 1028720
Ion Ratio Lower Upper
96 100
61 148.7 105.3 195.5
98 63.2 44.0 81.6



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

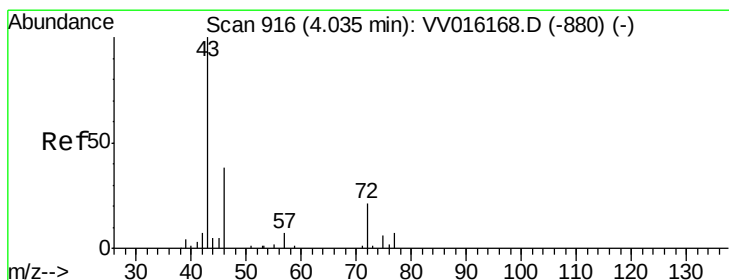
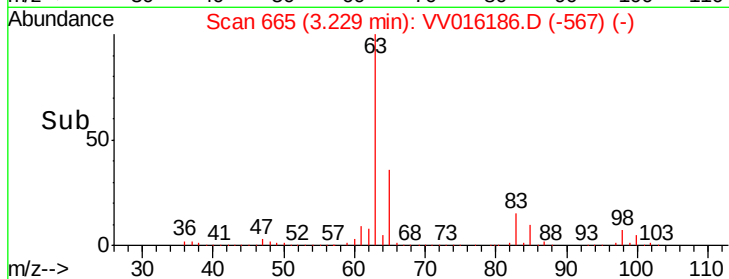
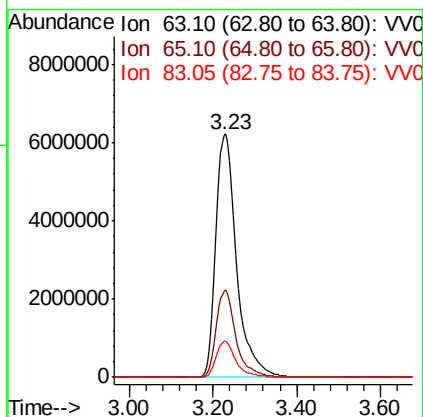
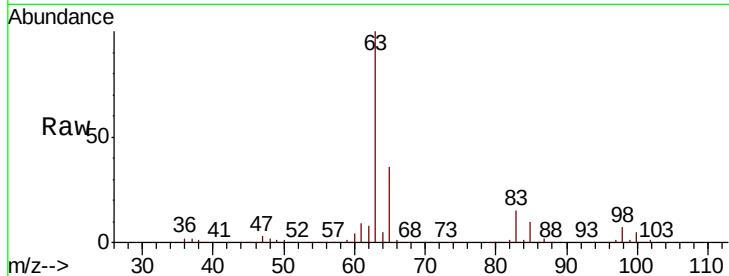




#19
 1,1-Dichloroethane
 Concen: 1095.590 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.02 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

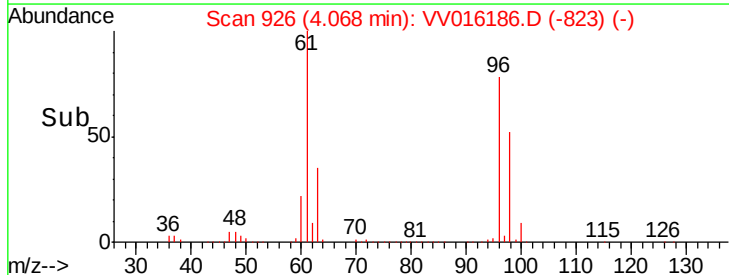
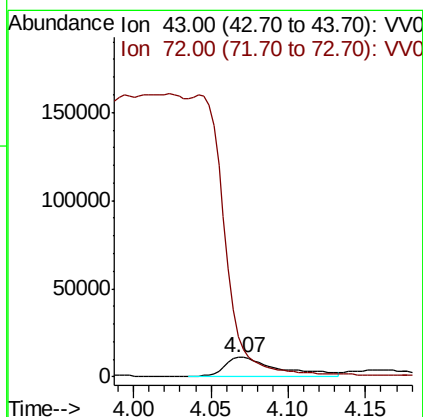
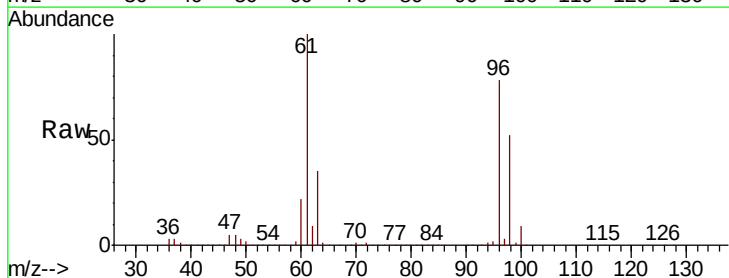
Instrument :
 MSVOA_V
 ClientSampleId :

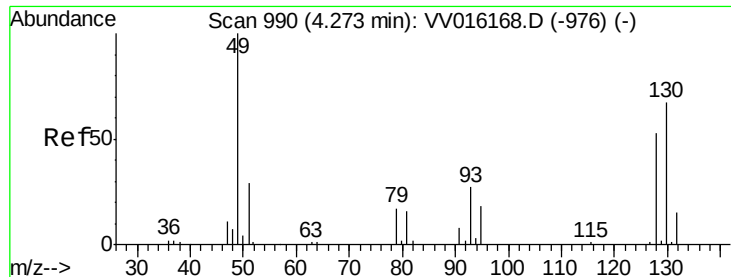
Tot Ion: 63 Resp: 21241000
 Ion Ratio Lower Upper
 63 100
 65 35.8 22.0 41.0
 83 14.8 9.8 18.2



#21
 2-Butanone
 Concen: 9.668 ug/L
 RT: 4.07 min Scan# 926
 Delta R.T. 0.03 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Tgt Ion: 43 Resp: 24876
 Ion Ratio Lower Upper
 43 100
 72 2160.5 10.5 31.5#

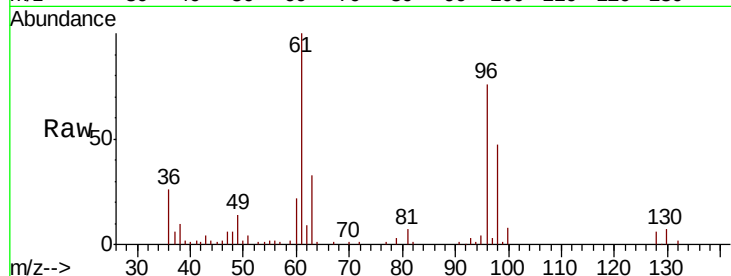




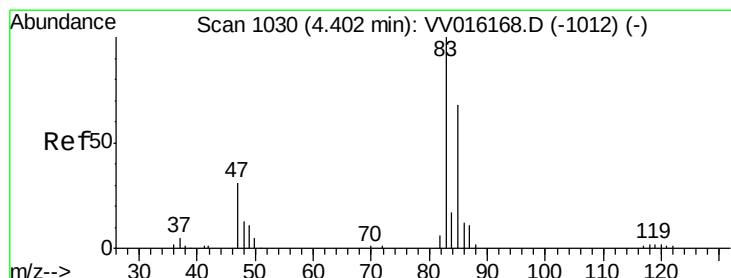
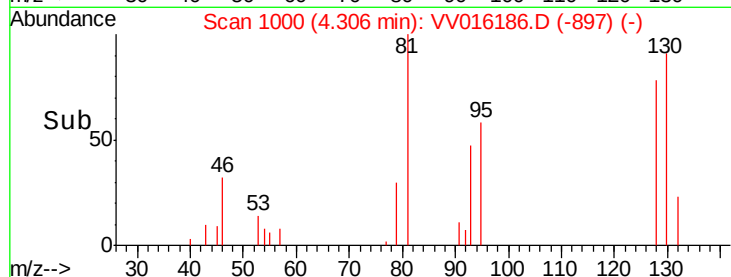
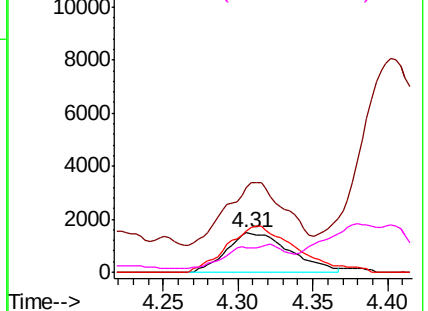
#23
Bromochloromethane
Concen: 0.977 ug/L
RT: 4.31 min Scan# 1000
Delta R.T. 0.03 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:128 Resp: 4396
Ion Ratio Lower Upper
128 100
49 214.4 131.3 243.8
130 104.6 91.8 170.4
51 62.8 48.8 73.2

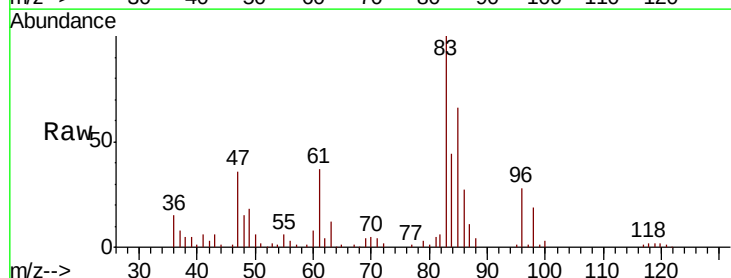


Abundance Ion 127.90 (127.60 to 128.60): VV0
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): VV0
Ion 51.05 (50.75 to 51.75): VV0

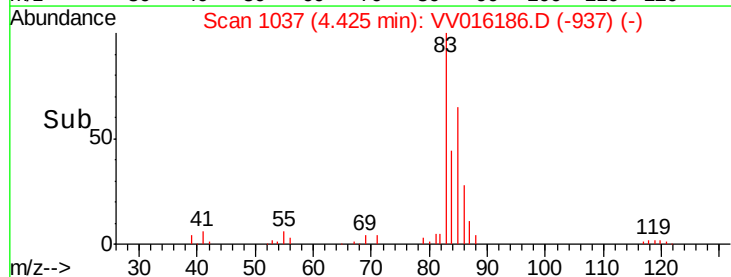
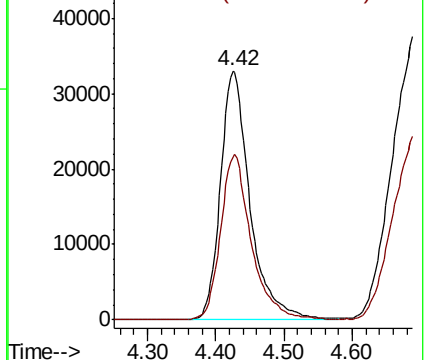


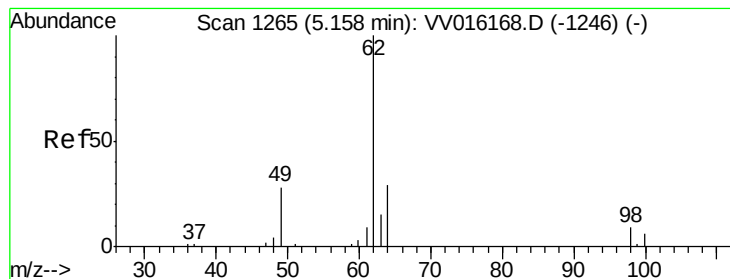
#25
Chloroform
Concen: 4.658 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.02 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Tgt Ion: 83 Resp: 99447
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 13.417 ug/L

RT: 5.17 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

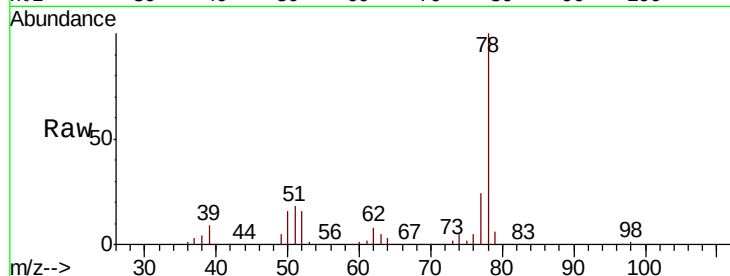
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 176012

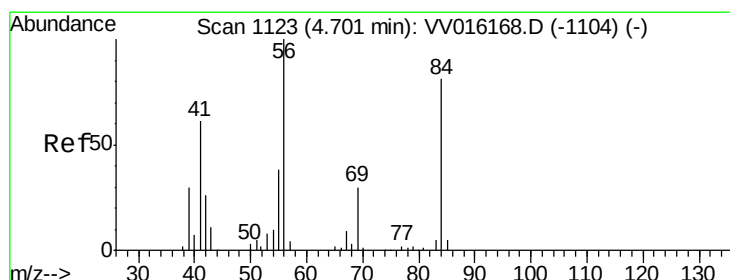
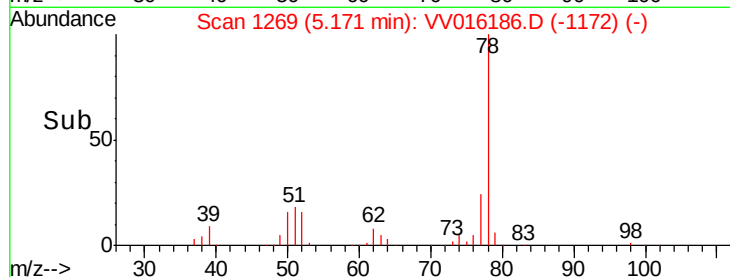
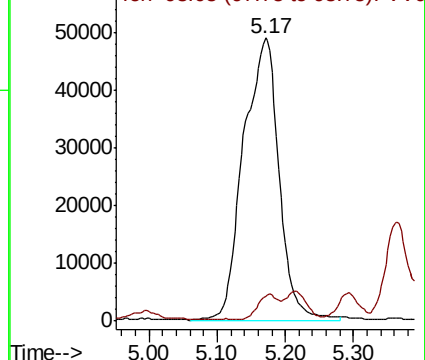
Ion Ratio Lower Upper

62 100

98 8.9 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0



#30

Cyclohexane

Concen: 81.797 ug/L

RT: 4.75 min Scan# 1139

Delta R.T. 0.05 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

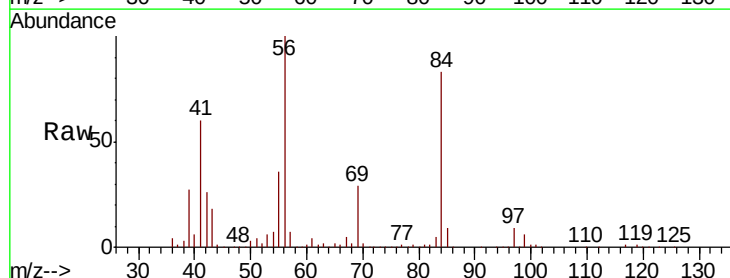
Tgt Ion: 56 Resp: 1391413

Ion Ratio Lower Upper

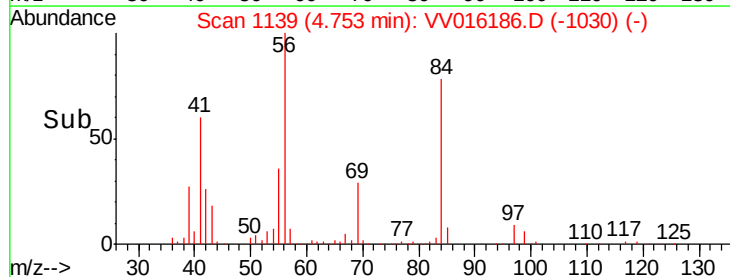
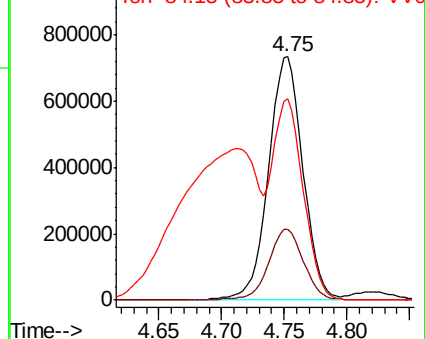
56 100

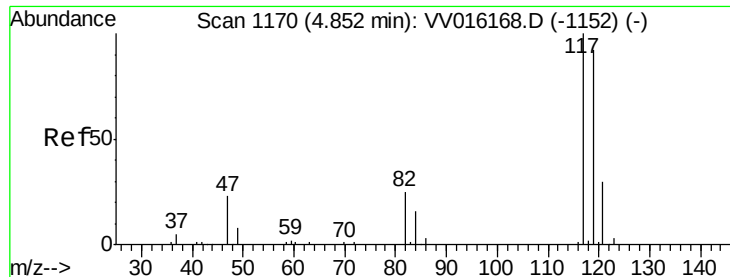
69 30.2 24.2 36.2

84 76.0 68.3 102.5



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

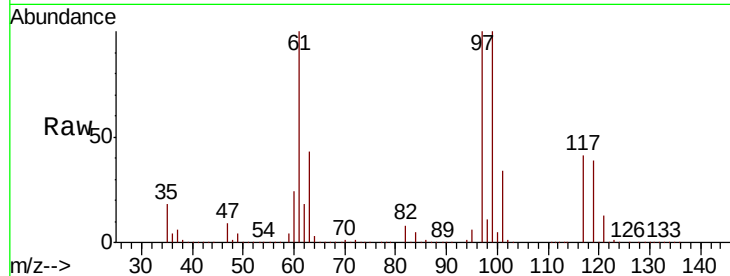




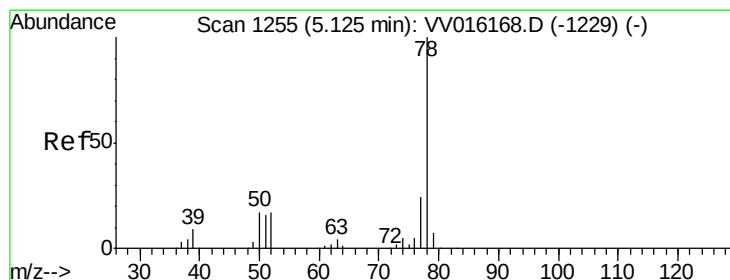
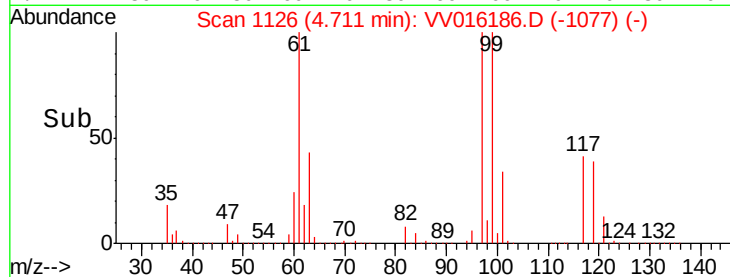
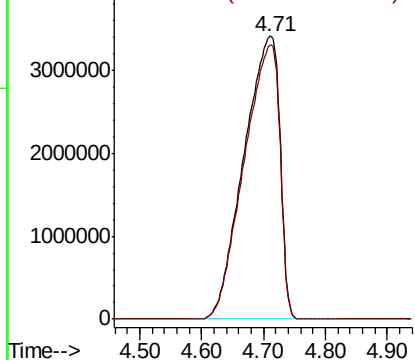
#31
Carbon tetrachloride
Concen: 937.523 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. -0.14 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp:13734510
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9

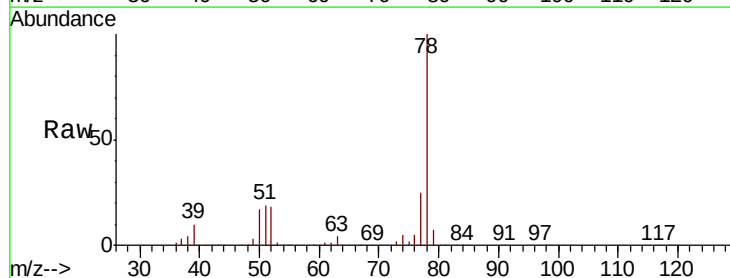


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

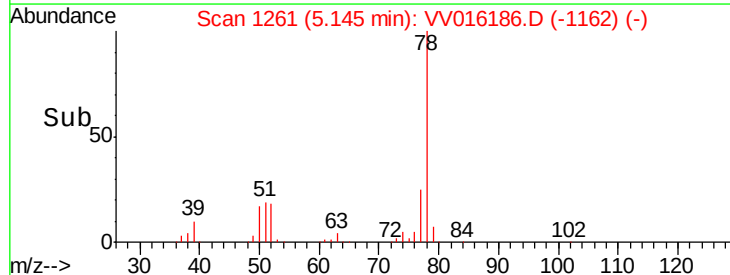
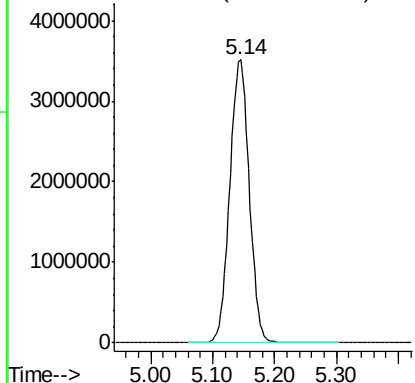


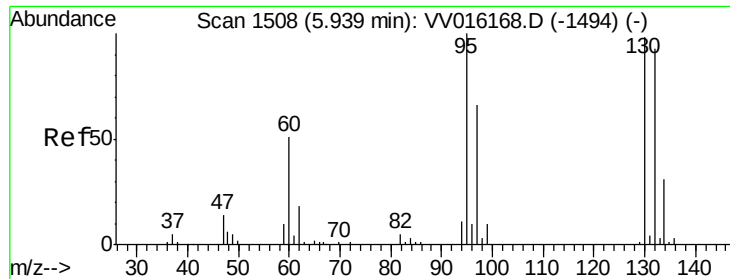
#33
Benzene
Concen: 198.348 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.02 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Tgt Ion: 78 Resp: 7681656



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 226.282 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 2501290

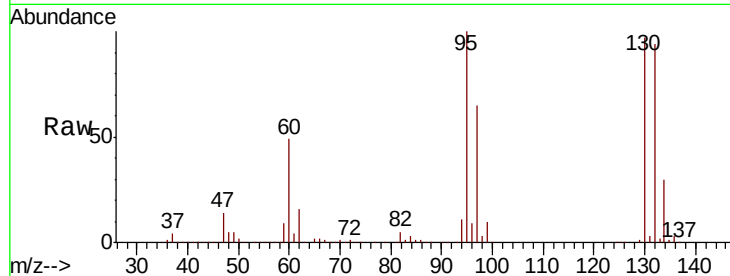
Ion Ratio Lower Upper

95 100

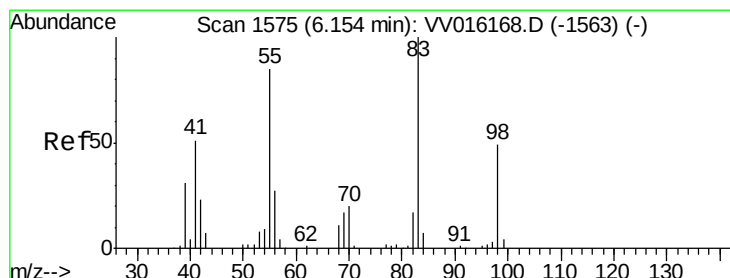
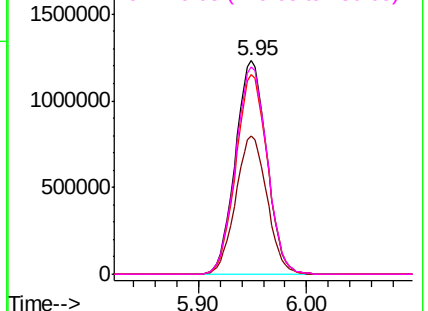
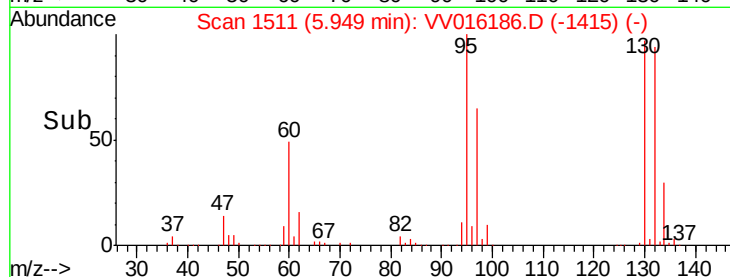
97 64.7 43.3 80.5

132 93.7 60.3 112.1

130 97.3 66.0 122.6



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: 106.374 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

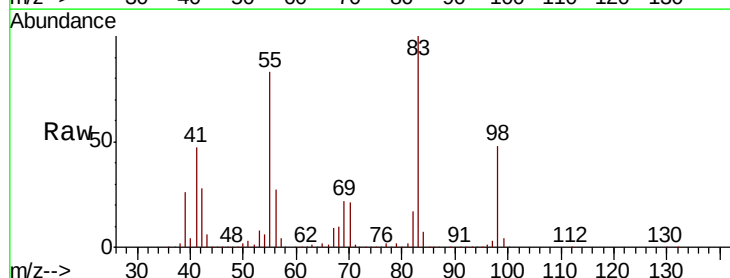
Tgt Ion: 83 Resp: 1778662

Ion Ratio Lower Upper

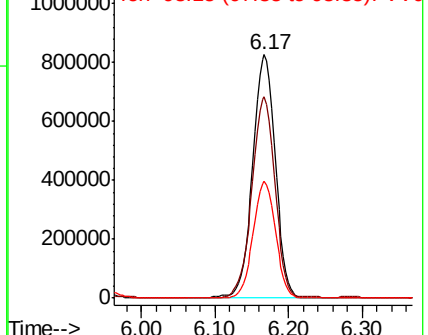
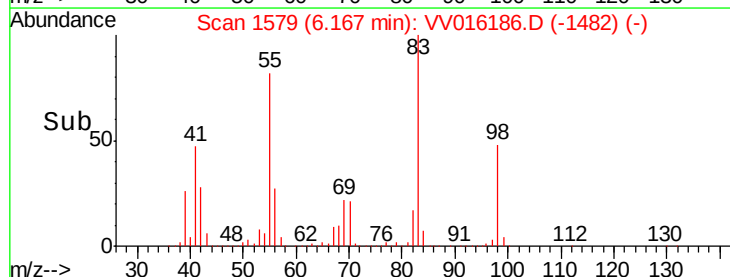
83 100

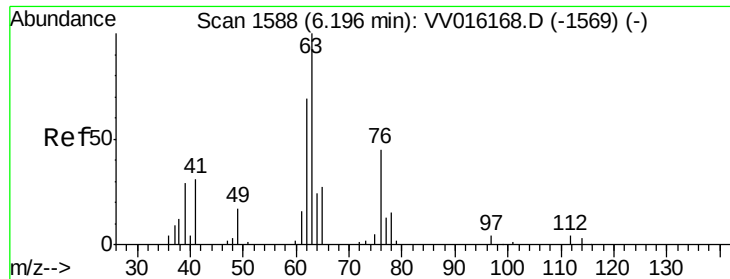
55 84.0 66.2 99.2

98 47.4 37.9 56.9



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: 1.334 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. -0.03 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :

MSVOA_V

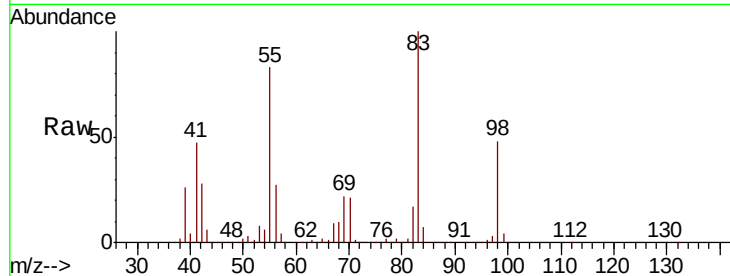
ClientSampled :

Tot Ion: 63 Resp: 13124

Ion Ratio Lower Upper

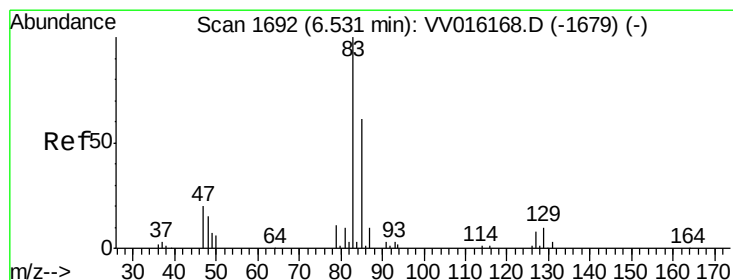
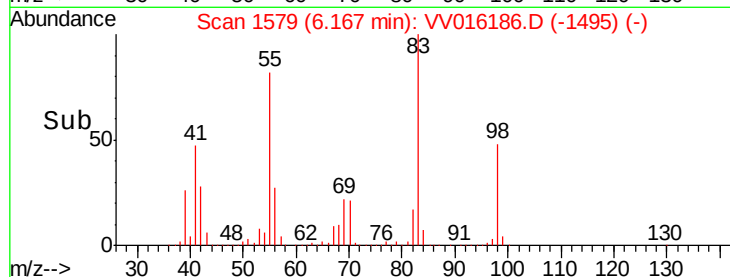
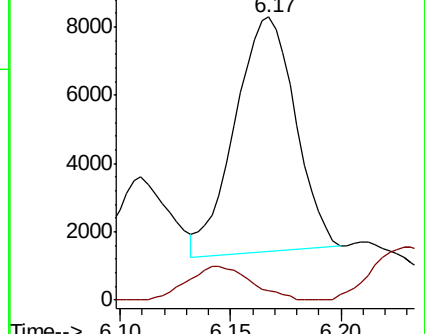
63 100

112 15.1 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 0.218 ug/L

RT: 6.50 min Scan# 1682

Delta R.T. -0.03 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

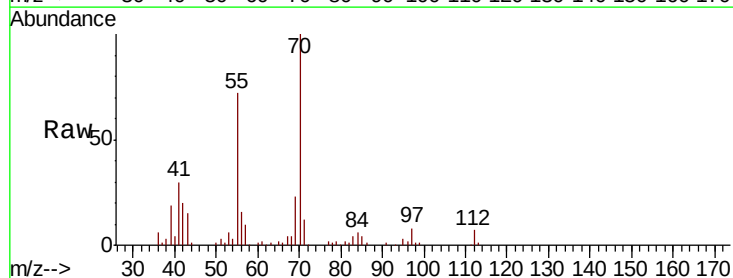
Tgt Ion: 83 Resp: 2722

Ion Ratio Lower Upper

83 100

85 100.0 45.5 84.5#

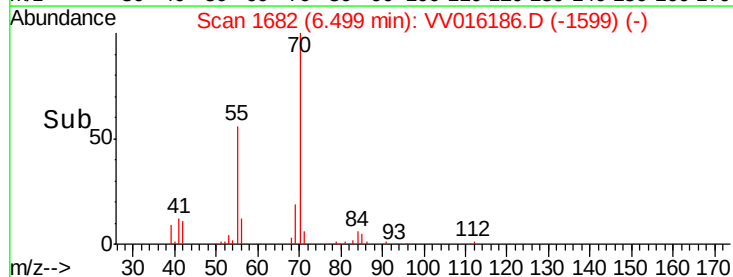
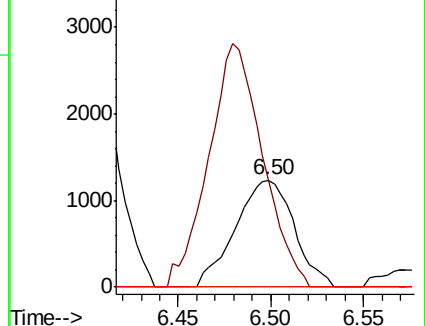
127 0.0 6.2 9.4#

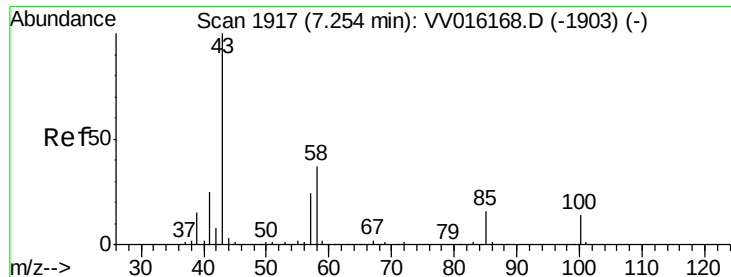


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): V





#40

4-Methyl-2-pentanone

Concen: 453.418 ug/L

RT: 7.30 min Scan# 1932

Delta R.T. 0.05 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :
MSVOA_V
ClientSampled :

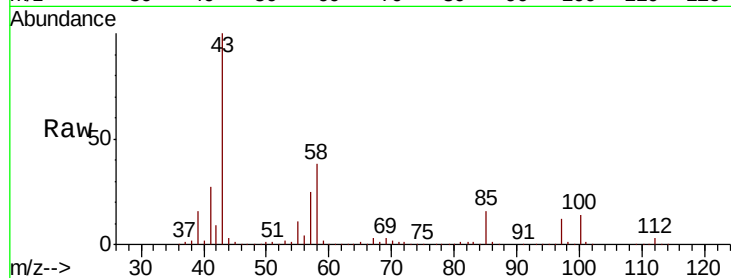
Tot Ion: 43 Resp: 2780675

Ion Ratio Lower Upper

43 100

58 37.9 29.0 43.4

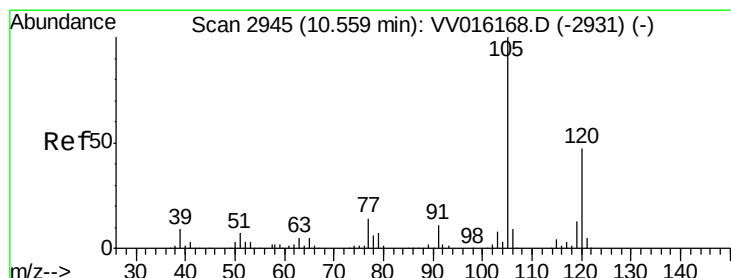
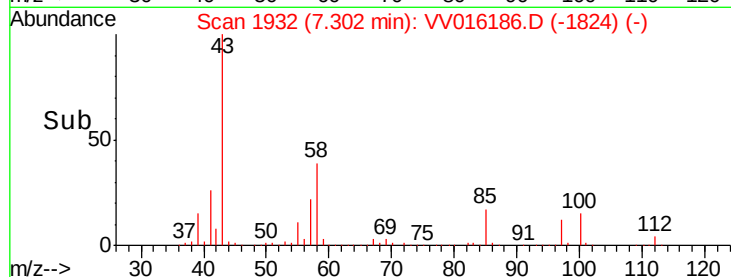
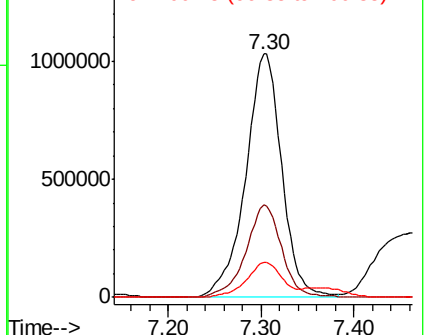
100 14.5 10.9 16.3



Abundance Ion 43.05 (42.75 to 43.75): VV016186.D (-1903) (-)

Ion 58.05 (57.75 to 58.75): VV016186.D (-1903) (-)

Ion 100.15 (99.85 to 100.85): VV016186.D (-1903) (-)



#43

1,3,5-Trimethylbenzene

Concen: 159.158 ug/L

RT: 10.57 min Scan# 2948

Delta R.T. 0.01 min

Lab File: VV016186.D

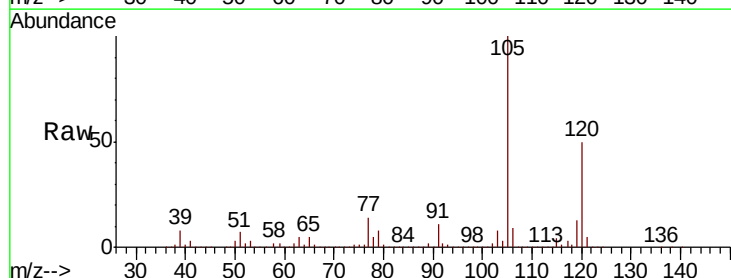
Acq: 22 May 2020 21:14

Tgt Ion: 105 Resp: 5997796

Ion Ratio Lower Upper

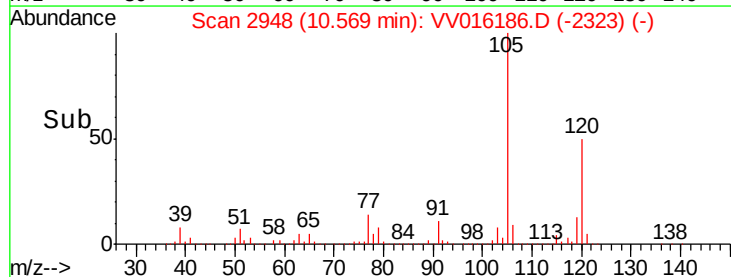
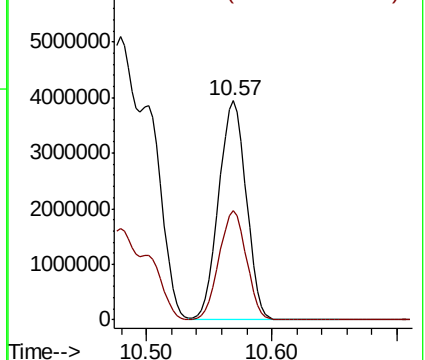
105 100

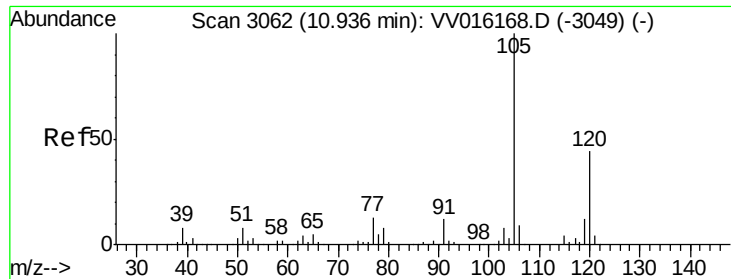
120 49.5 0.0 0.0#



Abundance Ion 105.00 (104.70 to 105.70): VV016186.D (-2931) (-)

Ion 120.00 (119.70 to 120.70): VV016186.D (-2931) (-)





#44

1,2,4-Trimethylbenzene

Concen: 385.073 ug/L

RT: 10.95 min Scan# 3066

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :

MSVOA_V

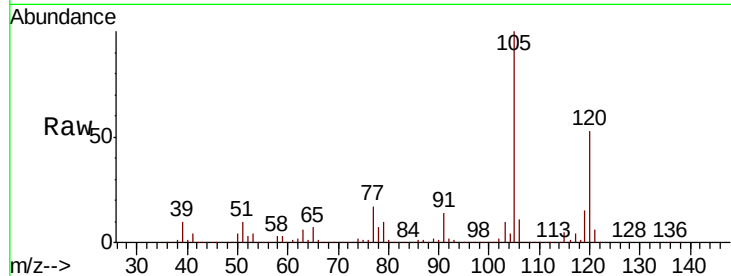
ClientSampleId :

Tot Ion:105 Resp:14501209

Ion Ratio Lower Upper

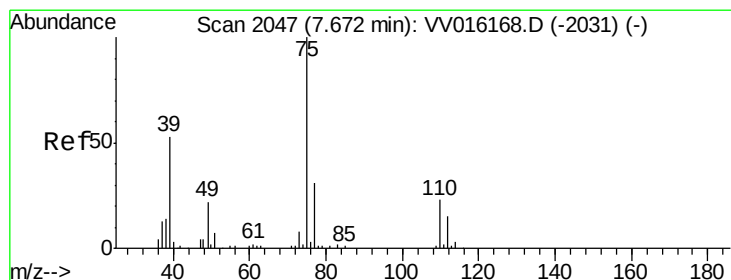
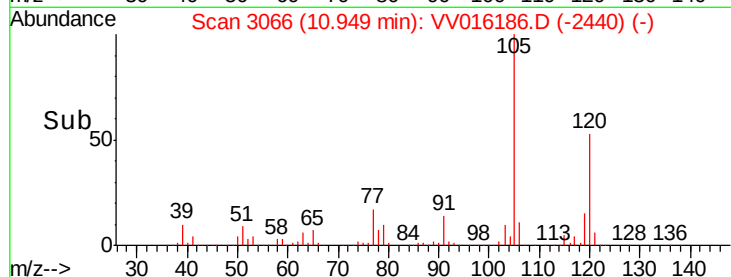
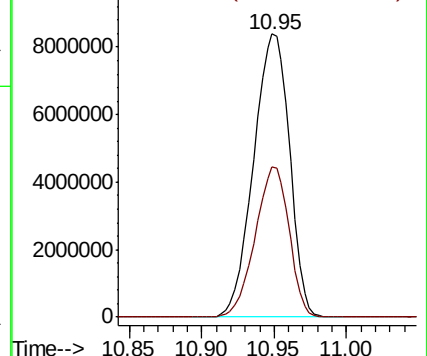
105 100

120 50.0 0.0 0.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 120.648 ug/L

RT: 7.48 min Scan# 1988

Delta R.T. -0.19 min

Lab File: VV016186.D

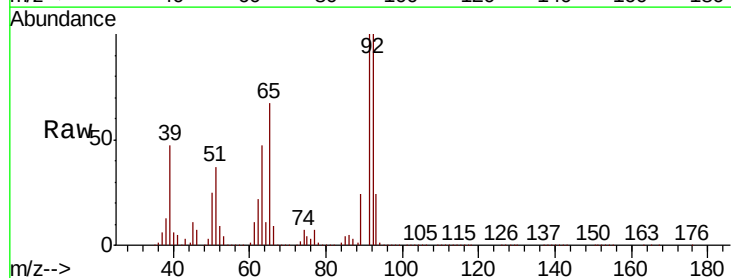
Acq: 22 May 2020 21:14

Tgt Ion: 75 Resp: 1417264

Ion Ratio Lower Upper

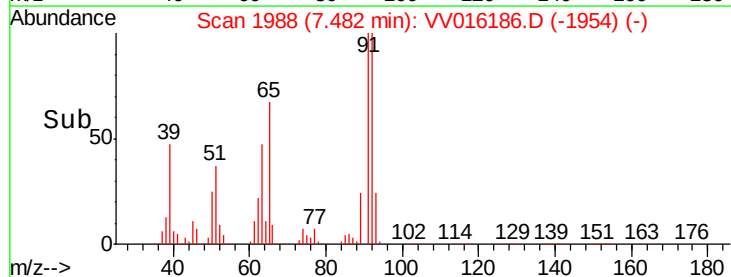
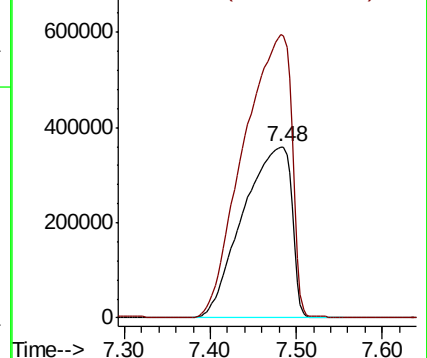
75 100

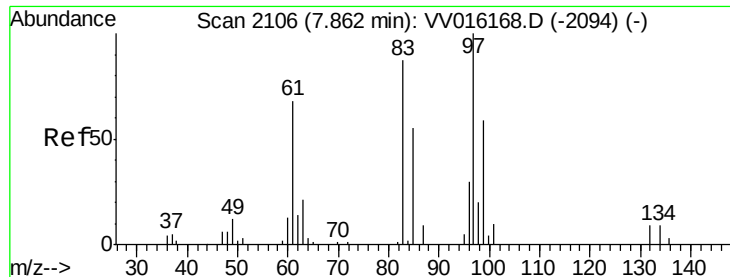
77 165.6 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

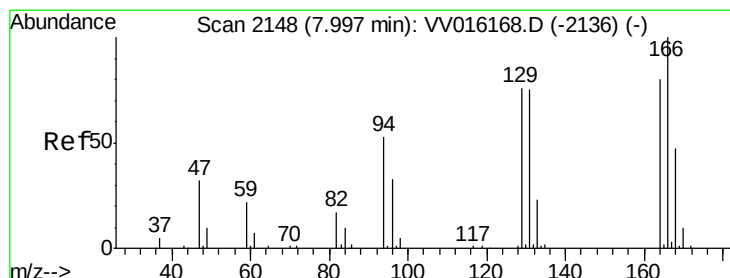
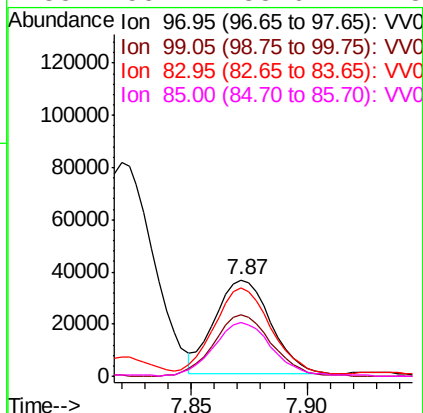
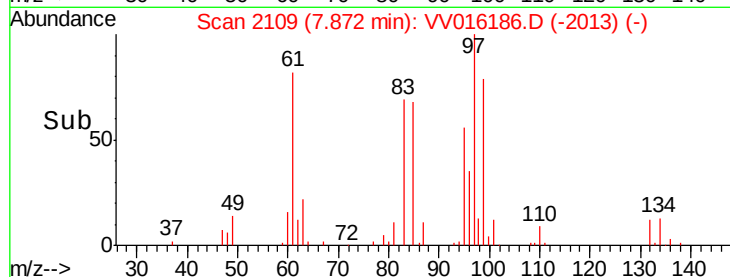
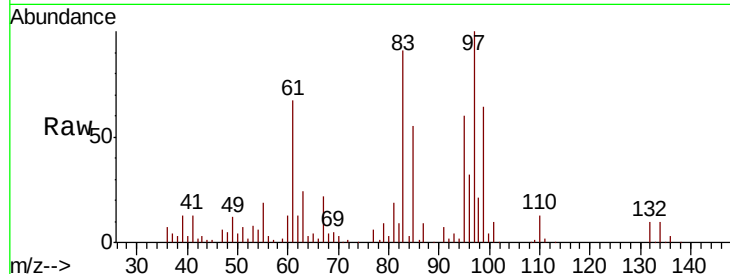




#47
 1,1,2-Trichloroethane
 Concen: 9.188 ug/L
 RT: 7.87 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

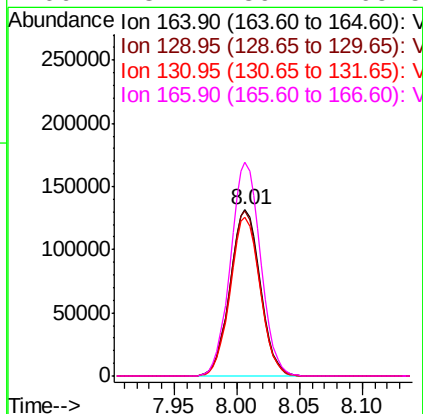
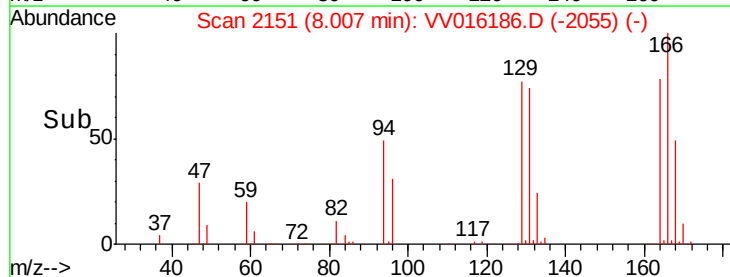
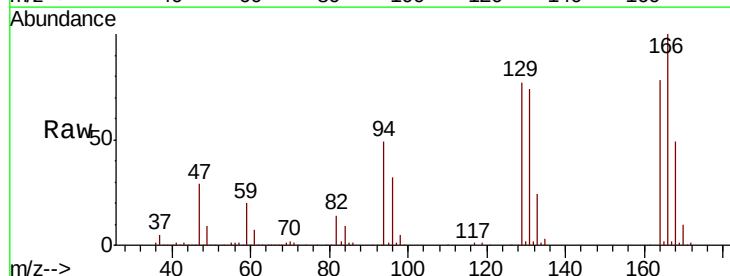
Instrument :
 MSVOA_V
 ClientSampleId :

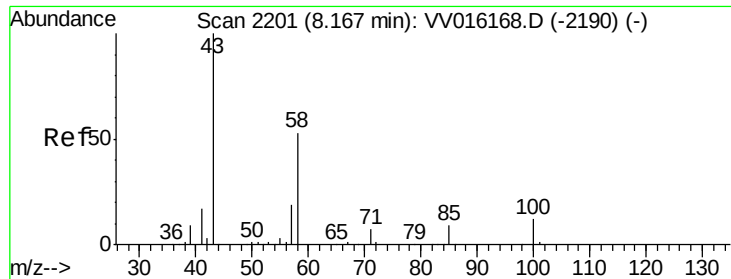
Tot Ion:	97	Resp:	60369
Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.1	78.1
83	91.0	59.2	110.0
85	55.2	38.6	71.8



#49
 Tetrachloroethene
 Concen: 28.512 ug/L
 RT: 8.01 min Scan# 2151
 Delta R.T. 0.01 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Tgt Ion:	164	Resp:	219909
Ion	Ratio	Lower	Upper
164	100		
129	99.1	69.7	129.4
131	95.6	66.8	124.2
166	128.4	89.1	165.5

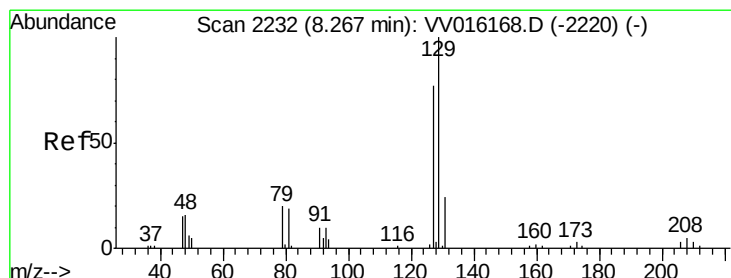
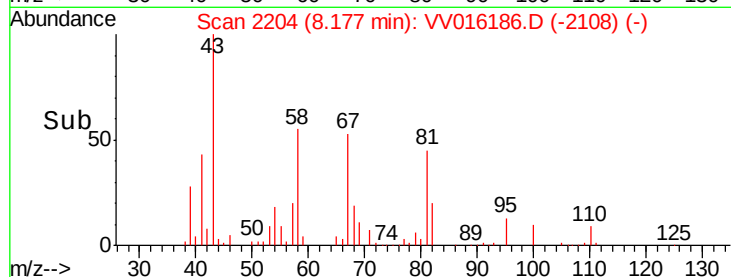
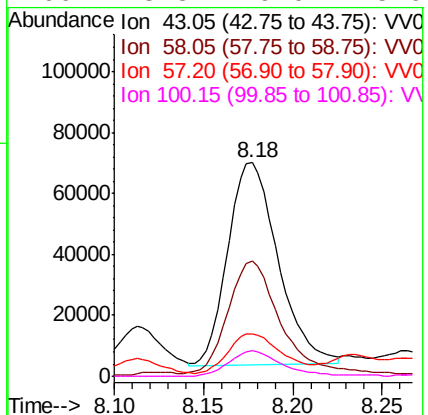
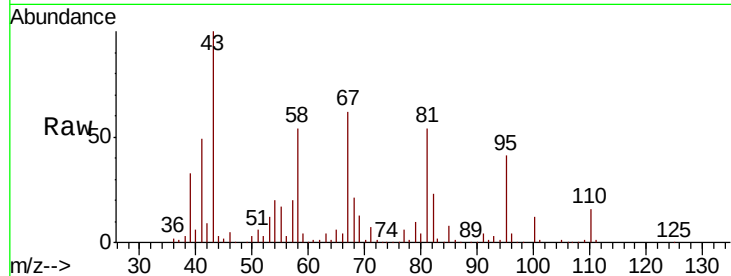




#50
2-Hexanone
Concen: 30.066 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.01 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

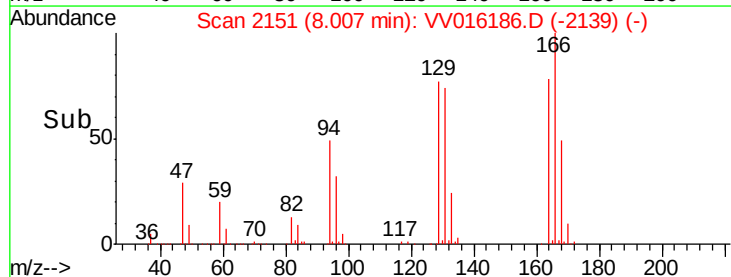
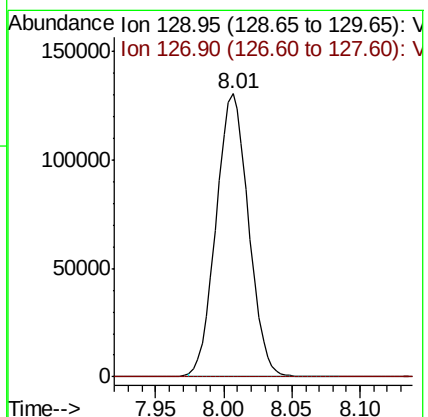
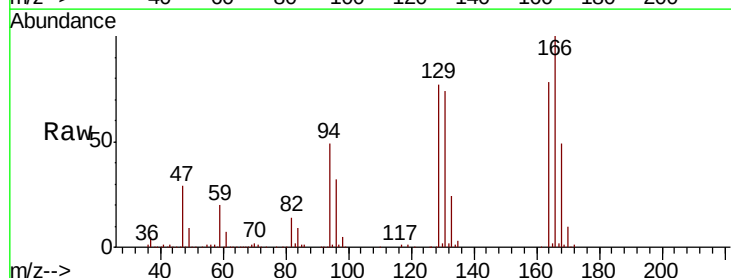
Instrument :
MSVOA_V
ClientSampleId :

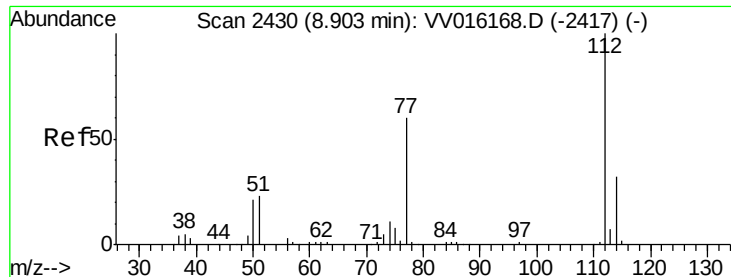
Tot Ion: 43 Resp: 130392
Ion Ratio Lower Upper
43 100
58 61.3 40.8 61.2#
57 20.4 14.7 22.1
100 13.3 9.0 13.6



#51
Dibromochloromethane
Concen: 29.167 ug/L
RT: 8.01 min Scan# 2151
Delta R.T. -0.26 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Tgt Ion: 129 Resp: 215343
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

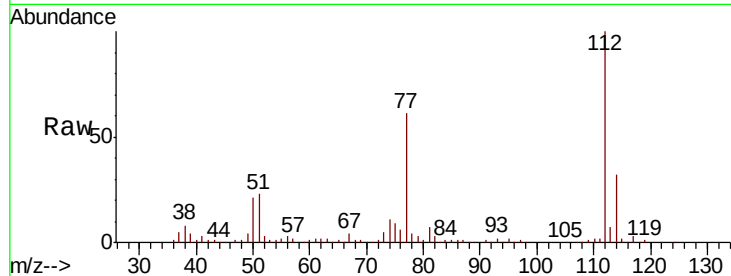




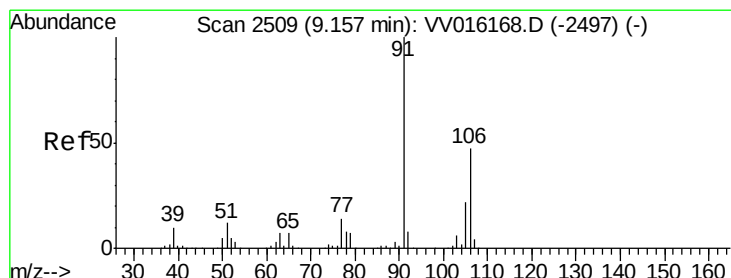
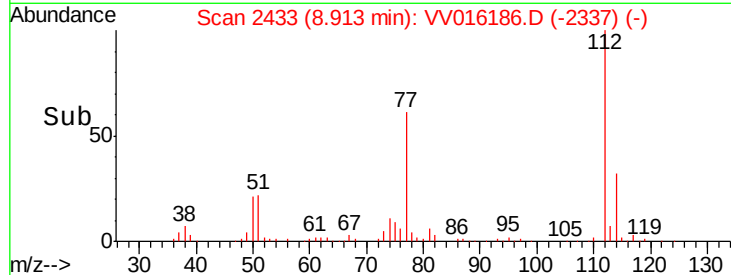
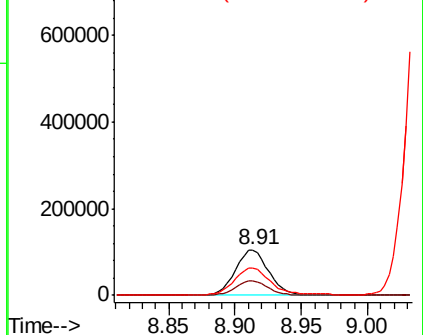
#53
Chlorobenzene
Concen: 6.827 ug/L
RT: 8.91 min Scan# 2433
Delta R.T. 0.01 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.6	40.0
77	61.4	48.6	73.0

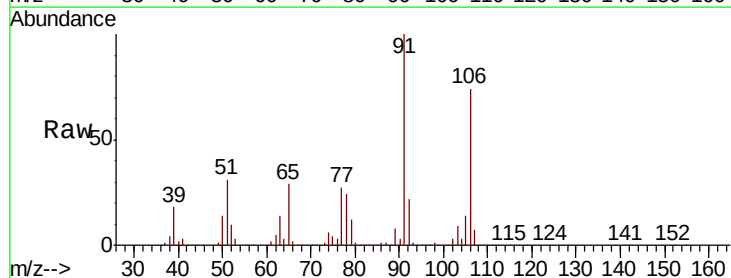


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

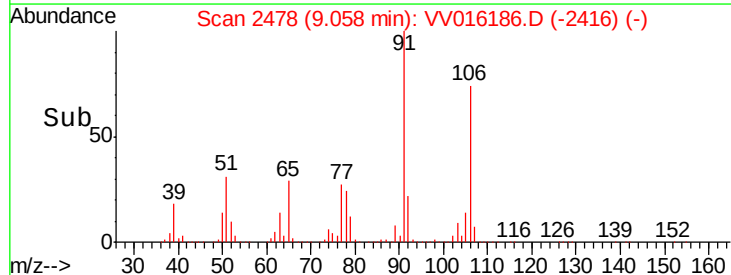
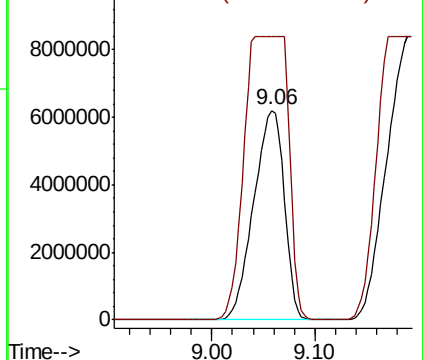


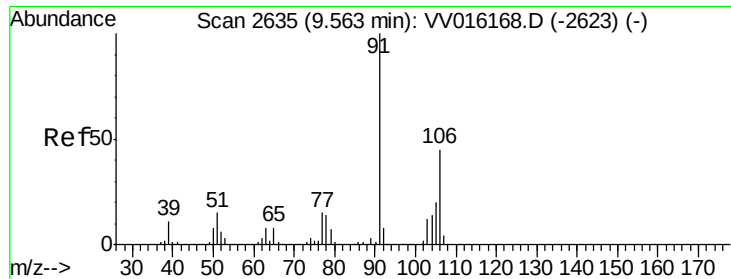
#55
m,p-xylene
Concen: 735.945 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.10 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	135.1	149.9	278.3#



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

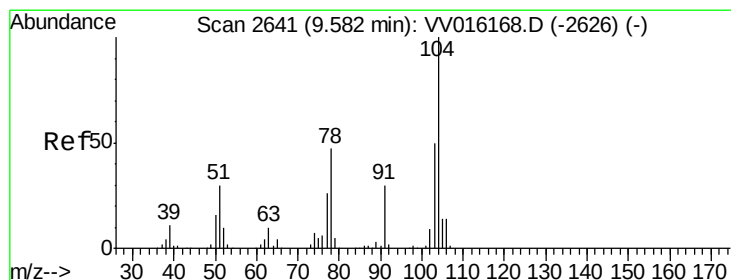
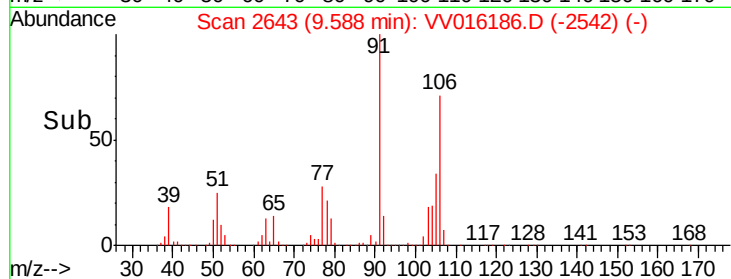
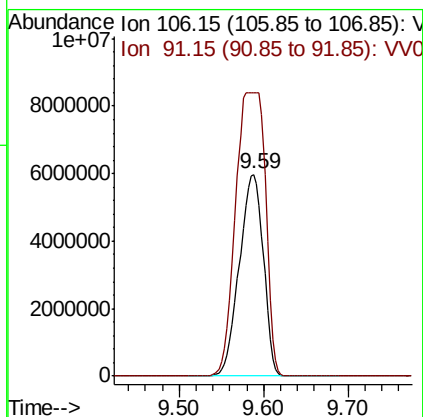
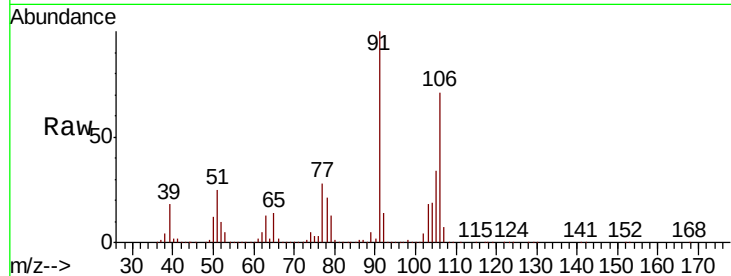




#56
o-xylene
Concen: 716.896 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.03 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

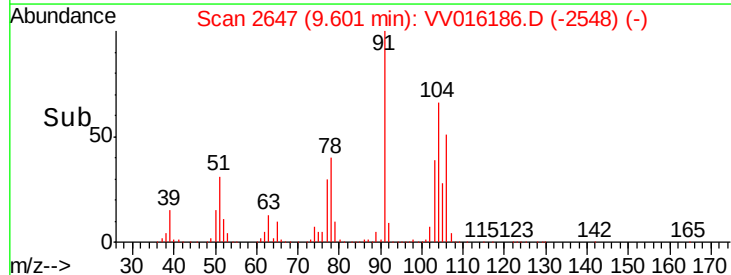
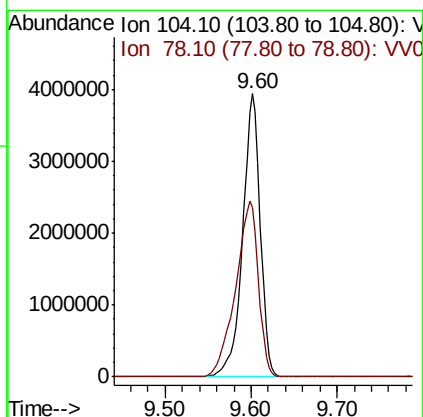
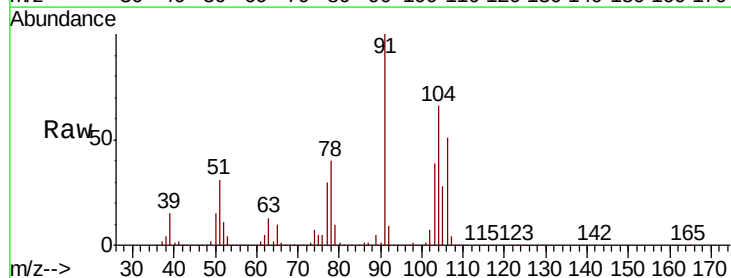
Instrument :
MSVOA_V
ClientSampleId :

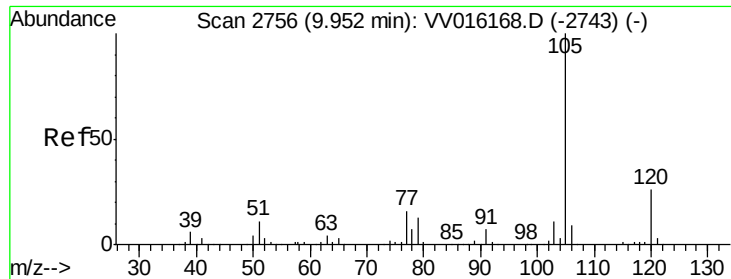
Tot Ion:106 Resp:11846290
Ion Ratio Lower Upper
106 100
91 140.1 159.7 296.5#



#57
Styrene
Concen: 201.862 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.02 min
Lab File: VV016186.D
Acq: 22 May 2020 21:14

Tgt Ion:104 Resp: 5579361
Ion Ratio Lower Upper
104 100
78 59.9 33.9 63.0





#58

Isopropylbenzene

Concen: 23.479 ug/L

RT: 9.96 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

Instrument :

MSVOA_V

ClientSampled :

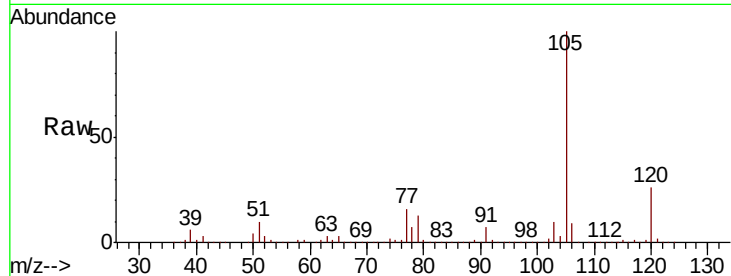
Tot Ion:105 Resp: 1065884

Ion Ratio Lower Upper

105 100

120 25.6 20.8 31.2

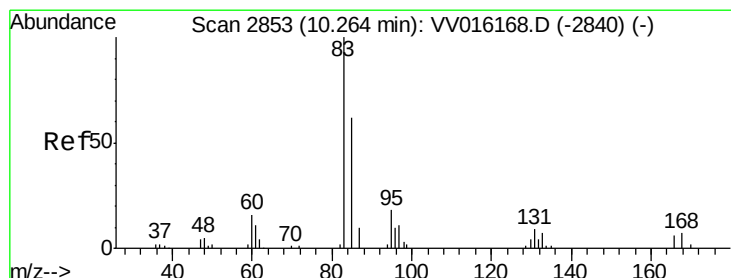
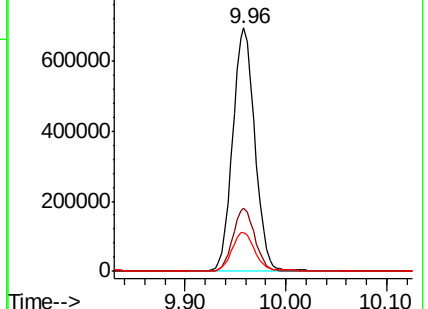
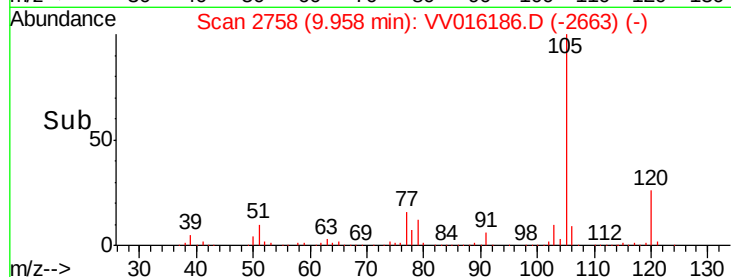
77 17.0 14.1 21.1



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: 0.751 ug/L

RT: 10.27 min Scan# 2855

Delta R.T. 0.01 min

Lab File: VV016186.D

Acq: 22 May 2020 21:14

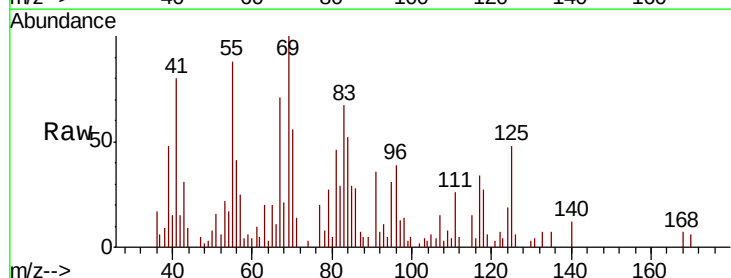
Tgt Ion: 83 Resp: 5271

Ion Ratio Lower Upper

83 100

85 42.9 44.0 81.6#

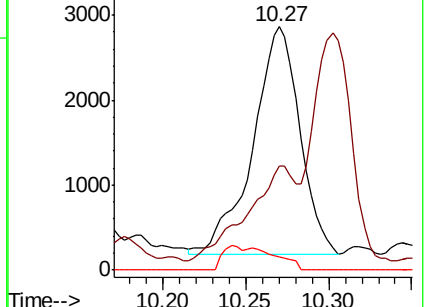
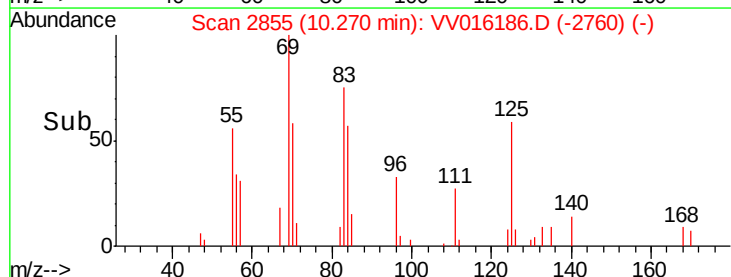
131 5.4 7.7 11.5#

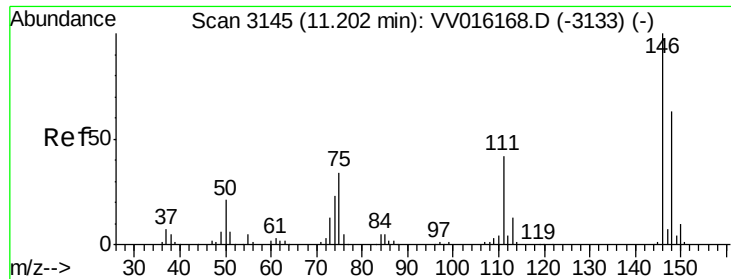


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

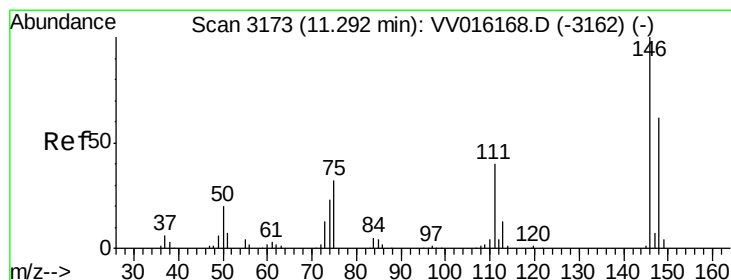
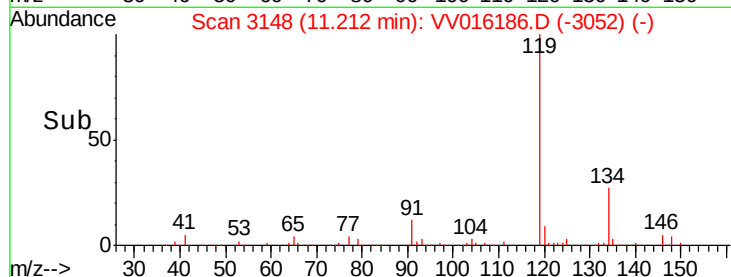
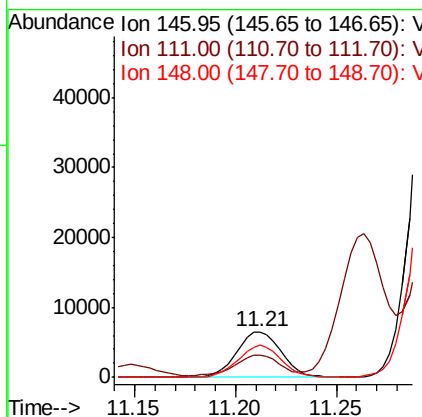
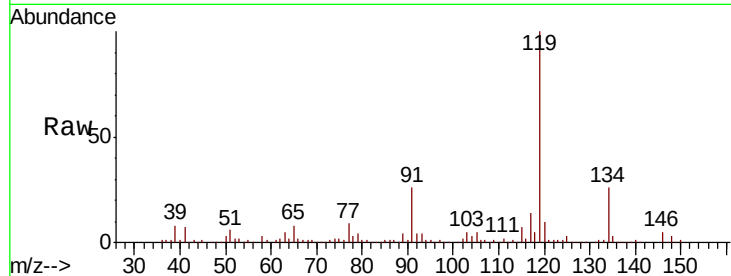




#63
 1,3-Dichlorobenzene
 Concen: 0.476 ug/L
 RT: 11.21 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

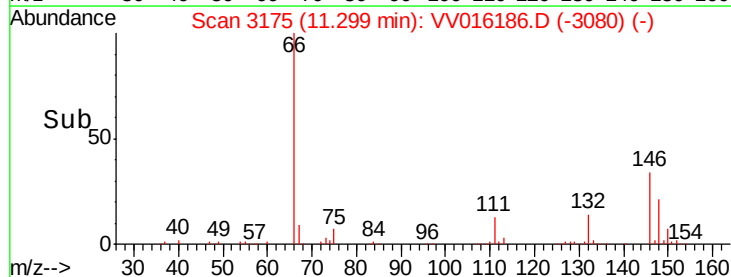
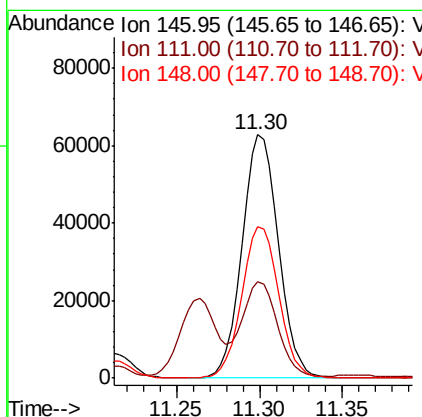
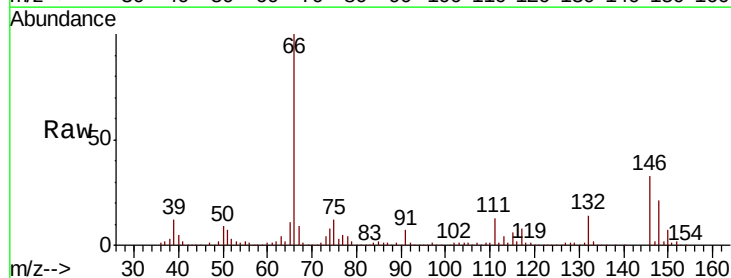
Instrument :
 MSVOA_V
 ClientSampled :

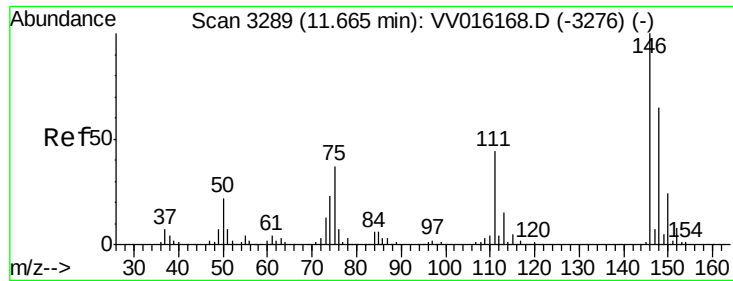
Tot Ion:146 Resp: 10095
 Ion Ratio Lower Upper
 146 100
 111 49.5 28.7 53.3
 148 69.8 44.0 81.8



#64
 1,4-Dichlorobenzene
 Concen: 4.512 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Tgt Ion:146 Resp: 96241
 Ion Ratio Lower Upper
 146 100
 111 39.8 28.9 53.7
 148 62.4 44.6 82.8

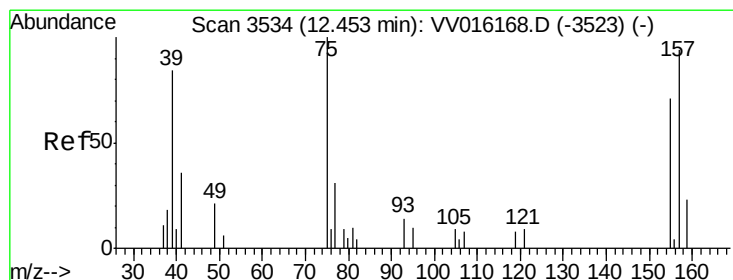
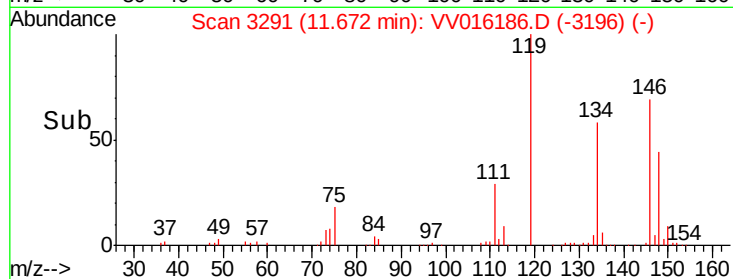
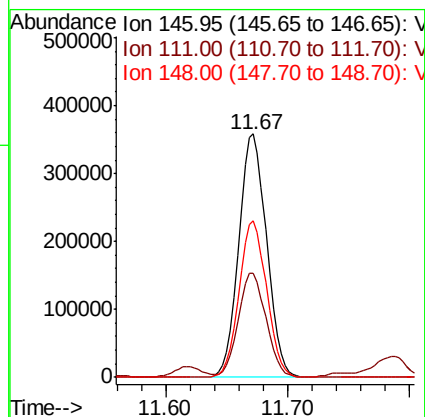
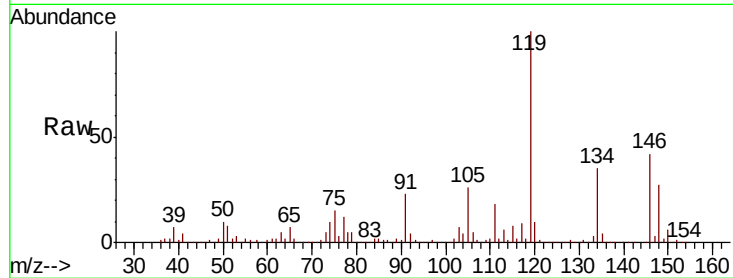




#66
 1,2-Dichlorobenzene
 Concen: 29.309 ug/L
 RT: 11.67 min Scan# 3291
 Delta R.T. 0.01 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:146 Resp: 563125
 Ion Ratio Lower Upper
 146 100
 111 42.8 37.0 55.4
 148 64.1 49.8 74.6



#67
 1,2-Dibromo-3-chloropropane
 Concen: 4.502 ug/L
 RT: 12.44 min Scan# 3529
 Delta R.T. -0.02 min
 Lab File: VV016186.D
 Acq: 22 May 2020 21:14

Tgt Ion: 75 Resp: 5645
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.4#
 157 0.0 79.4 119.2#

