

Data File : VV014271.D
Acq On : 10 Jan 2020 15:35
Operator : SY/MD
Sample : L1101-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GASD3

Quant Time: Jan 11 00:03:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 11 00:01:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1165636	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1065518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	499307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	233524	2.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.20%
7) Chloroethane-d5	1.58	69	193211	3.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.20%#
11) 1,1-Dichloroethene-d2	2.13	63	348769	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.96	46	631169	32.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.44%
24) Chloroform-d	4.40	84	557146	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
26) 1,2-Dichloroethane-d4	5.08	65	251351	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
32) Benzene-d6	5.09	84	1060838	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
36) 1,2-Dichloropropane-d6	6.11	67	327176	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.40%
41) Toluene-d8	7.35	98	958565	3.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.00%#
43) trans-1,3-Dichloropropene-	7.66	79	141366	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.13	63	585209	31.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	224715	3.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	311394	3.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.40%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	378828	4.311 ug/L	99
5) Vinyl chloride	1.32	62	345140	4.231 ug/L	100
8) Chloroethane	1.60	64	655267	14.295 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	625862	11.998 ug/L	98
12) 1,1-Dichloroethene	2.14	96	124183	2.385 ug/L	85
13) Acetone	2.23	43	1606459	119.068 ug/L	97
15) Methyl Acetate	2.47	43	347814	11.074 ug/L	94
16) Methylene chloride	2.54	84	13351	0.157 ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	238542	3.047 ug/L	98
19) 1,1-Dichloroethane	3.23	63	337821	2.202 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	366251	4.268 ug/L #	97
23) Bromochloromethane	4.30	128	172735	5.295 ug/L	93
25) Chloroform	4.42	83	1205748	8.208 ug/L	98
27) 1,2-Dichloroethane	5.18	62	177006	2.014 ug/L	94
29) 1,1,1-Trichloroethane	4.65	97	280989	2.215 ug/L	99
31) Carbon tetrachloride	4.87	117	357808	3.294 ug/L	100
34) Trichloroethene	5.96	95	204380	2.424 ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 11 00:01:14 2020
Response via : Initial Calibration

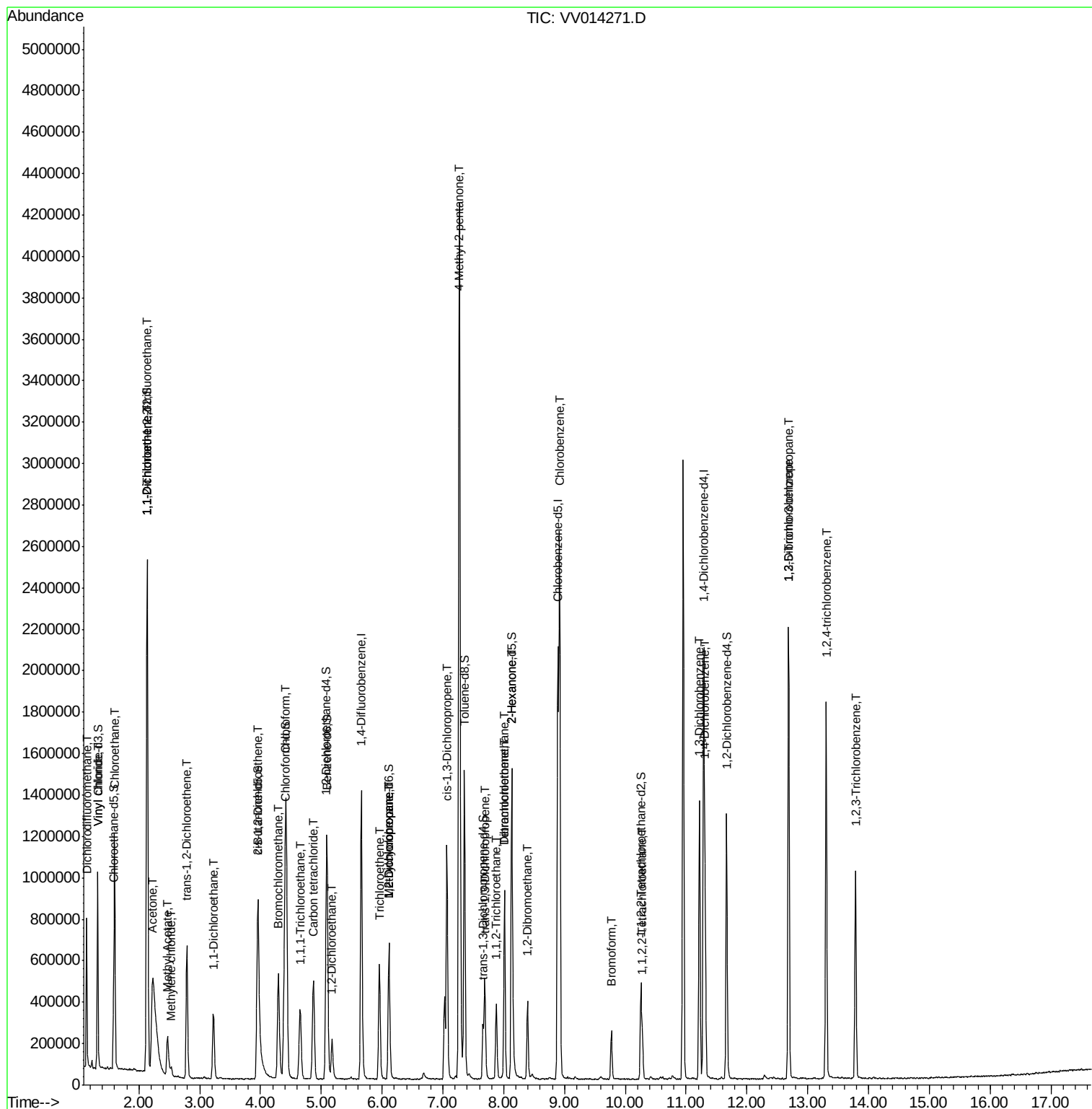
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.11	83	76505	0.555	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	34162	0.412	ug/L #	88
39) cis-1,3-Dichloropropene	7.06	75	677452	5.052	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	3112554	59.614	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	273987	2.661	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	108450	2.050	ug/L	98
47) Tetrachloroethene	8.01	164	190988	3.315	ug/L	98
48) 2-Hexanone	8.13	43	78256	2.167	ug/L #	70
49) Dibromochloromethane	8.01	129	190594	2.849	ug/L #	10
50) 1,2-Dibromoethane	8.39	107	256307	5.002	ug/L	98
51) Chlorobenzene	8.92	112	1326714	6.228	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	106183	1.627	ug/L	96
61) Bromoform	9.77	173	104183	3.078	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	509160	3.262	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	341014	2.197	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.68	75	121731	9.395	ug/L #	5
67) 1,3,5-Trichlorobenzene	12.68	180	617369	5.439	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	520711	5.230	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	281889	3.218	ug/L	99

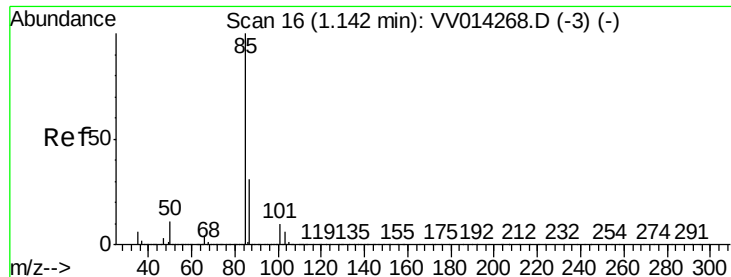
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.311 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

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Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

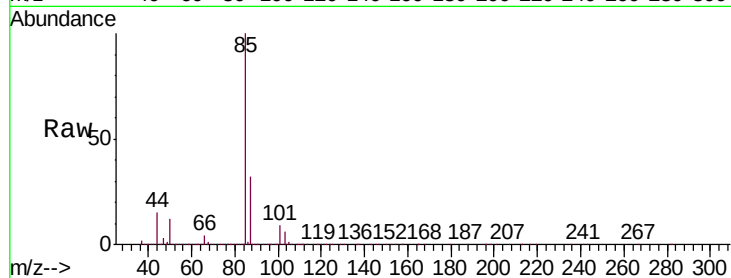
GASD3

Tgt Ion: 85 Resp: 378828

Ion Ratio Lower Upper

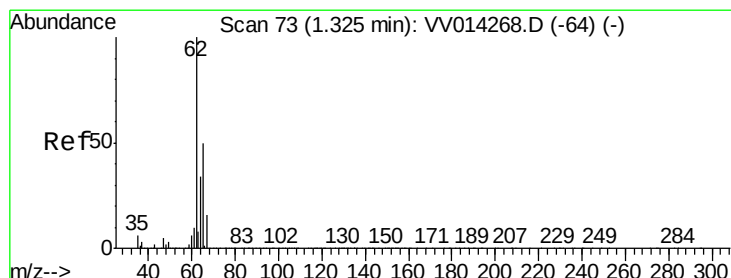
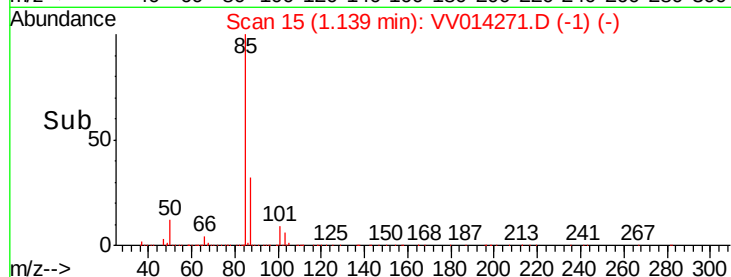
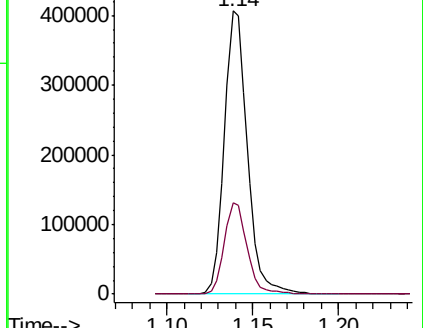
85 100

87 32.1 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#5

Vinyl chloride

Concen: 4.231 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV014271.D

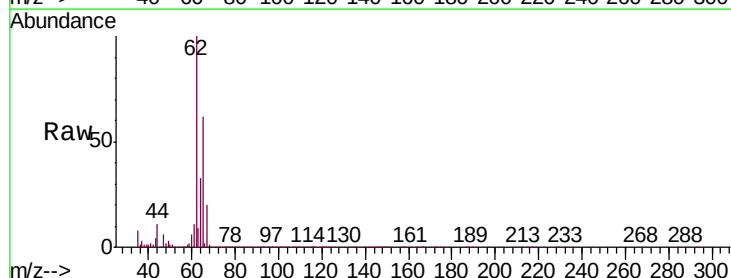
Acq: 10 Jan 2020 15:35

Tgt Ion: 62 Resp: 345140

Ion Ratio Lower Upper

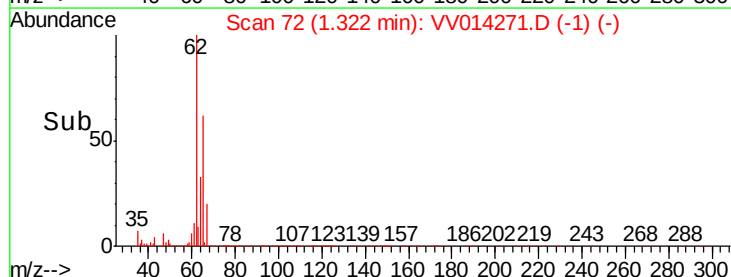
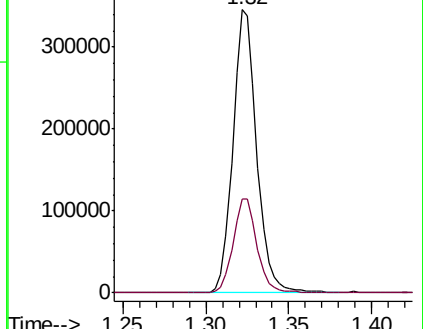
62 100

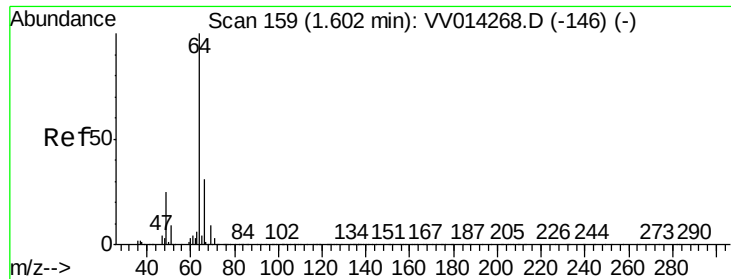
64 33.1 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

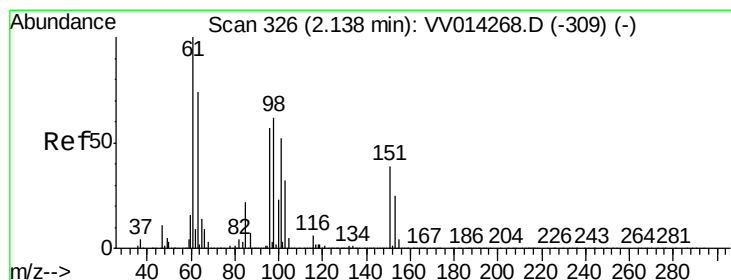
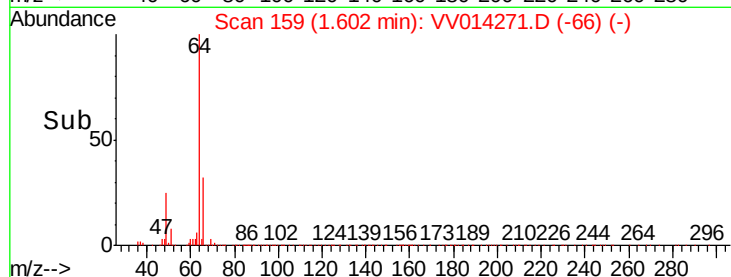
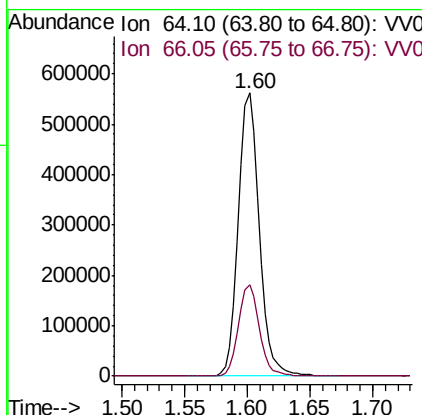
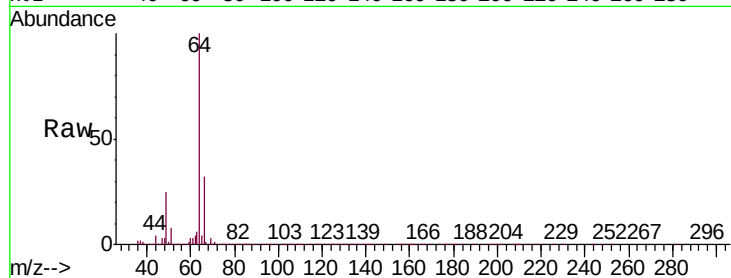




#8
Chloroethane
Concen: 14.295 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

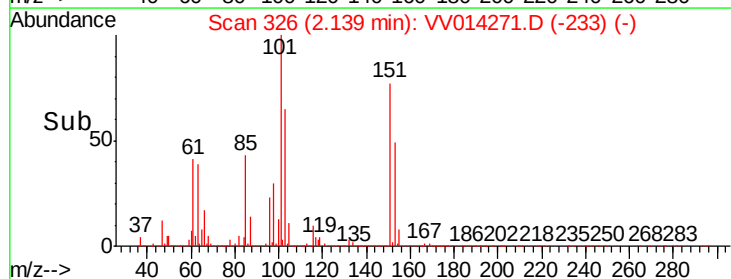
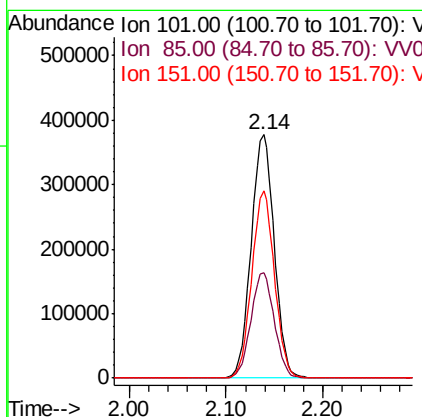
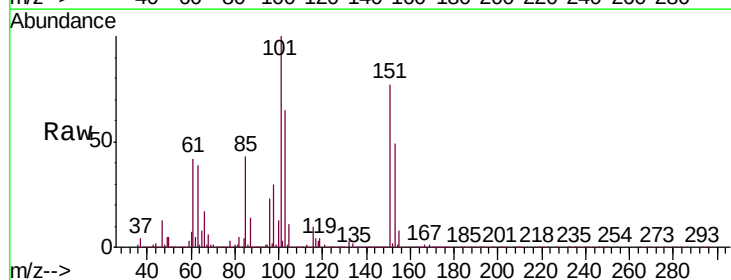
Instrument :
MSVOA_V
ClientSampleId :
GASD3

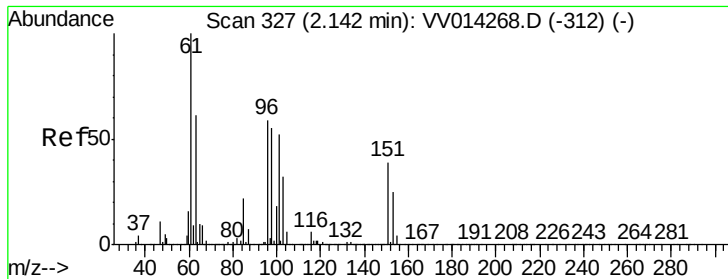
Tgt Ion: 64 Resp: 655267
Ion Ratio Lower Upper
64 100
66 32.1 21.8 40.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.998 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Tgt Ion: 101 Resp: 625862
Ion Ratio Lower Upper
101 100
85 43.4 34.9 52.3
151 75.7 62.5 93.7





#12

1,1-Dichloroethene

Concen: 2.385 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

GASD3

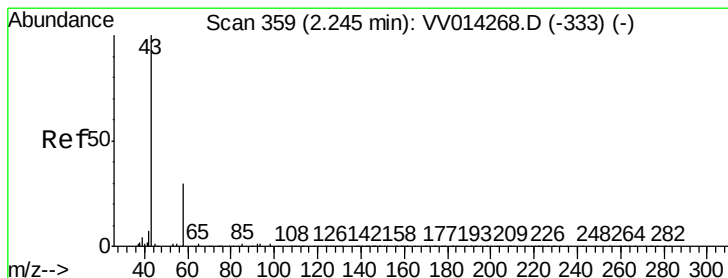
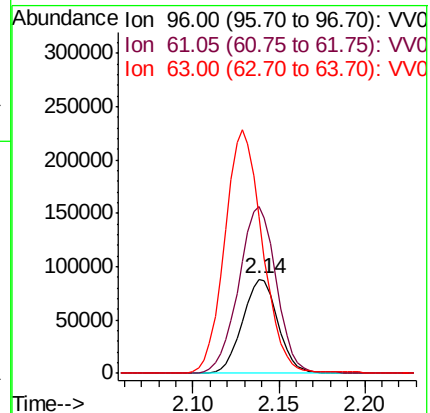
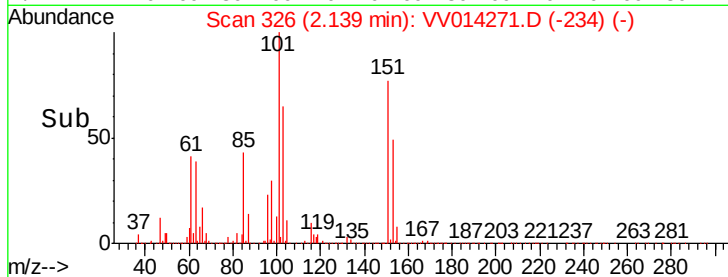
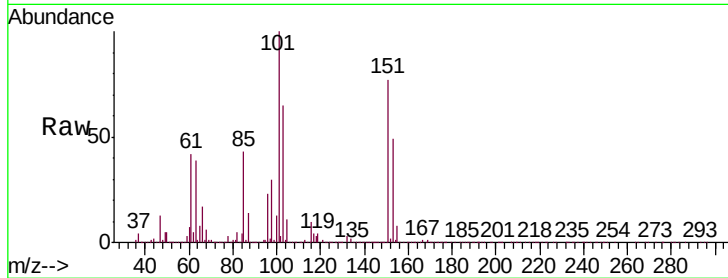
Tgt Ion: 96 Resp: 124183

Ion Ratio Lower Upper

96 100

61 177.1 121.5 225.7

63 165.6 90.3 167.7



#13

Acetone

Concen: 119.068 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.02 min

Lab File: VV014271.D

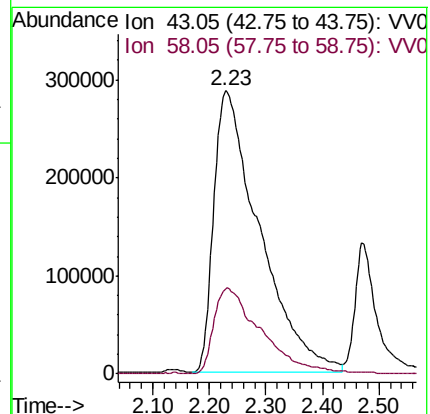
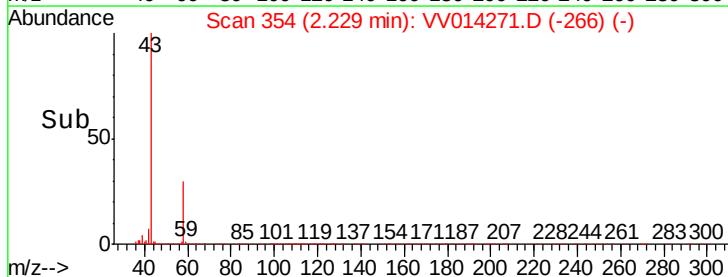
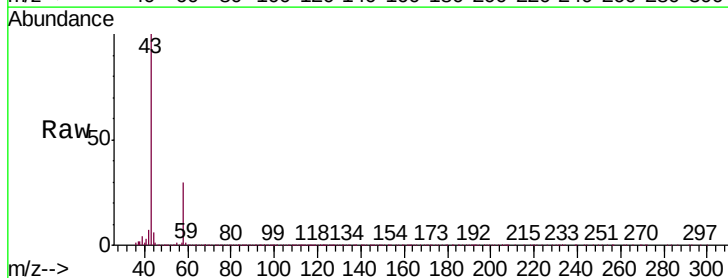
Acq: 10 Jan 2020 15:35

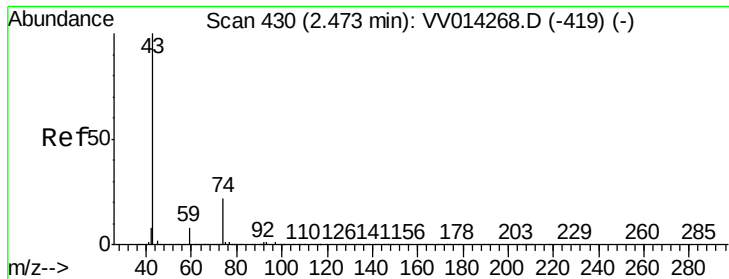
Tgt Ion: 43 Resp: 1606459

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.0

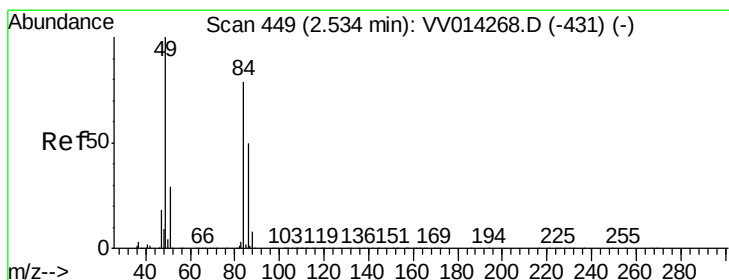
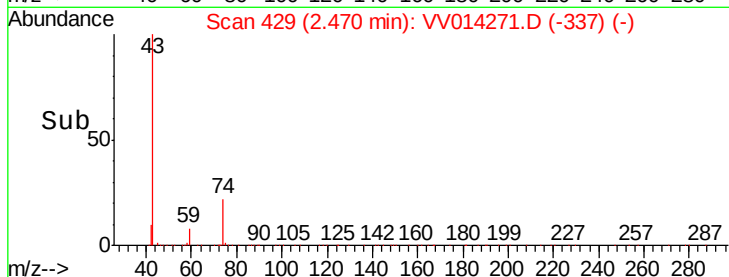
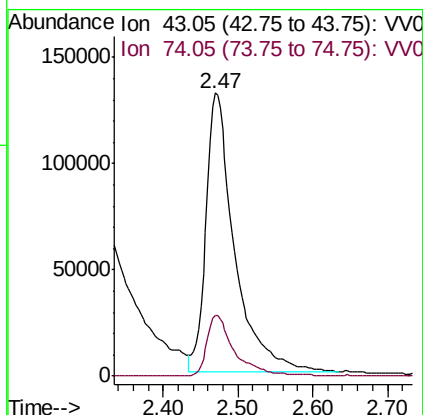
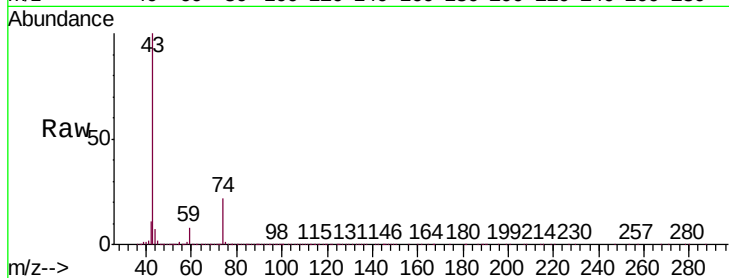




#15
Methyl Acetate
Concen: 11.074 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

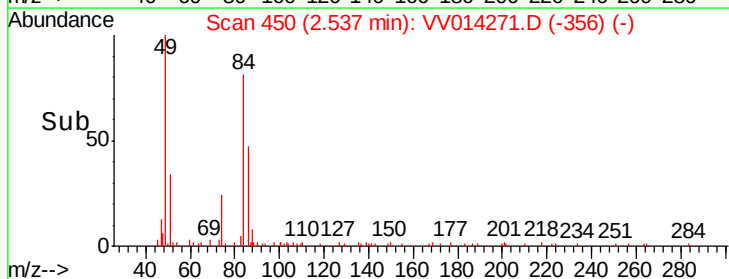
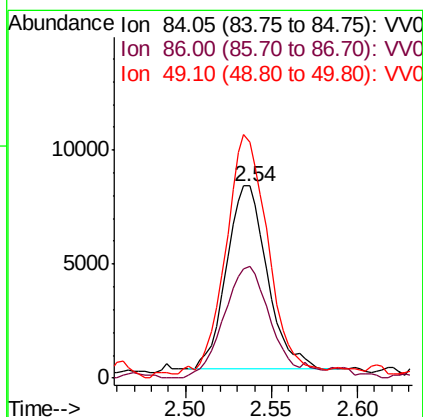
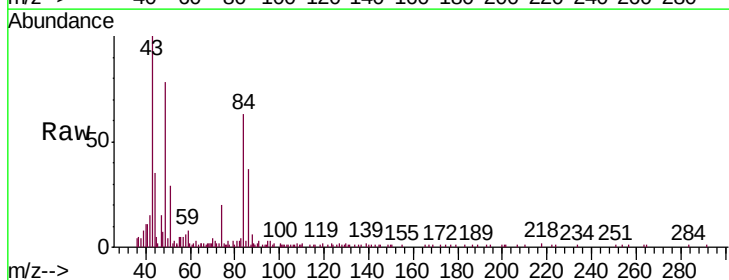
Instrument :
MSVOA_V
ClientSampled :
GASD3

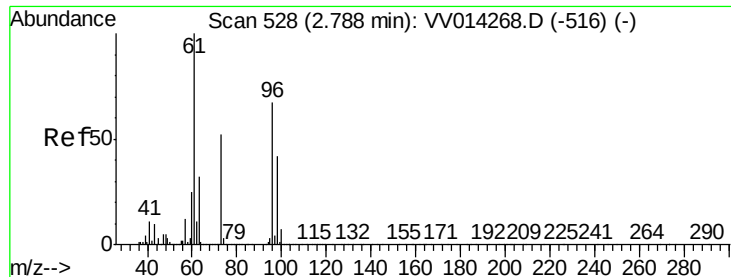
Tgt Ion: 43 Resp: 347814
Ion Ratio Lower Upper
43 100
74 20.6 18.6 28.0



#16
Methylene chloride
Concen: 0.157 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Tgt Ion: 84 Resp: 13351
Ion Ratio Lower Upper
84 100
86 58.0 43.1 80.1
49 129.1 82.1 152.5





#18

trans-1,2-Dichloroethene

Concen: 3.047 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampled :

GASD3

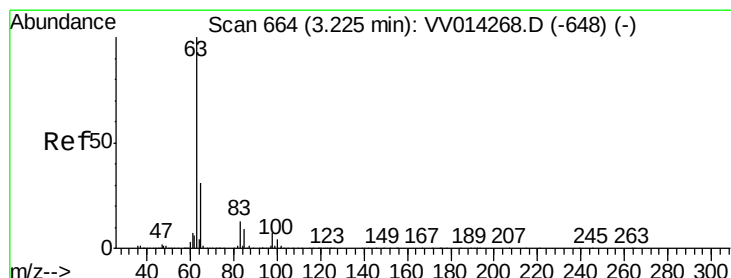
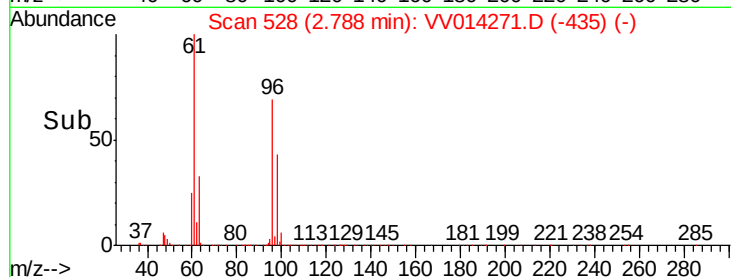
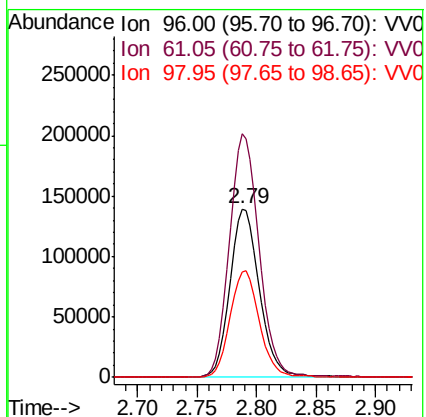
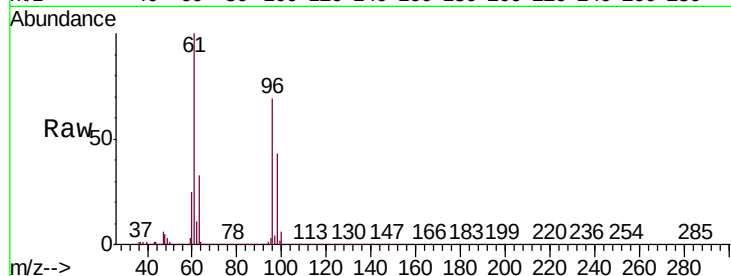
Tgt Ion: 96 Resp: 238542

Ion Ratio Lower Upper

96 100

61 144.3 99.2 184.2

98 62.6 43.1 80.1



#19

1,1-Dichloroethane

Concen: 2.202 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

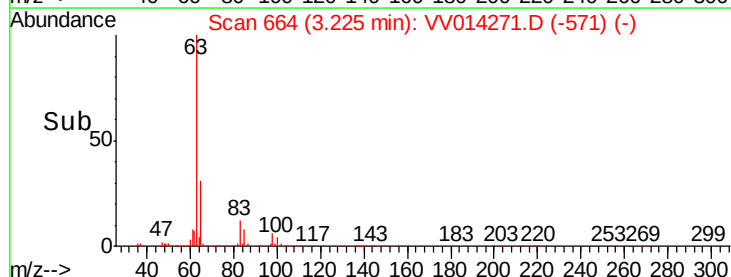
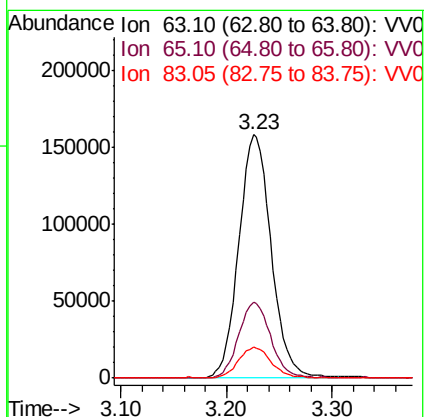
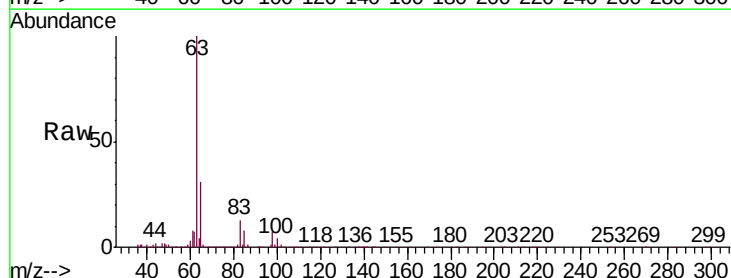
Tgt Ion: 63 Resp: 337821

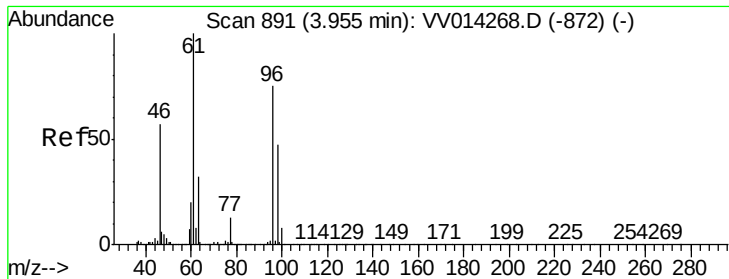
Ion Ratio Lower Upper

63 100

65 31.1 22.7 42.3

83 12.6 10.0 18.6



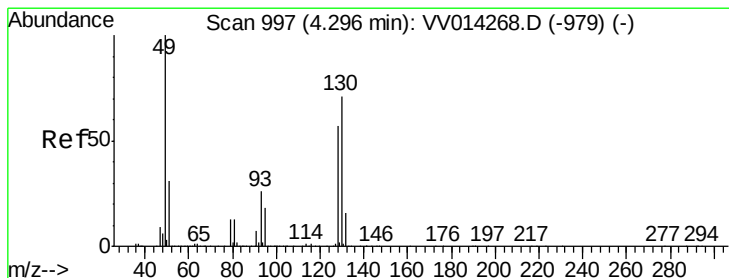
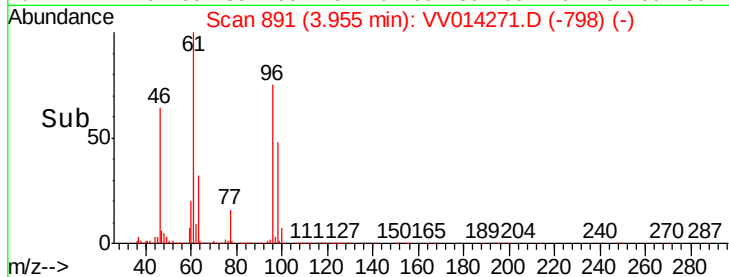
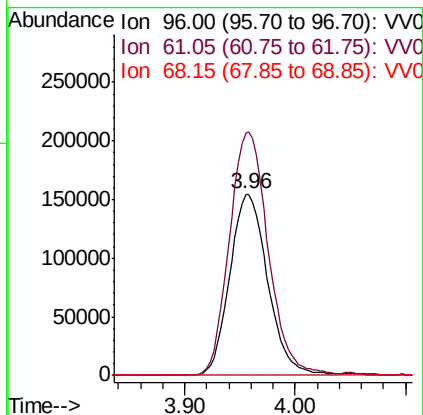
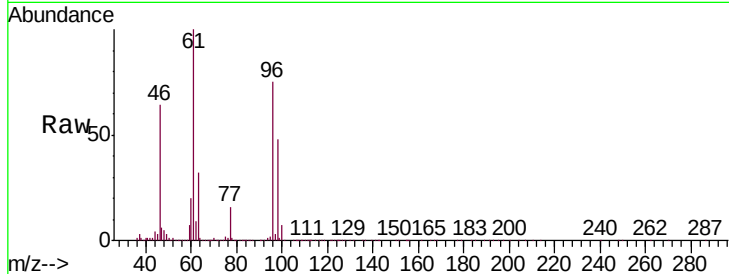


#22

cis-1,2-Dichloroethene
Concen: 4.268 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Instrument :
MSVOA_V
ClientSampled :
GASD3

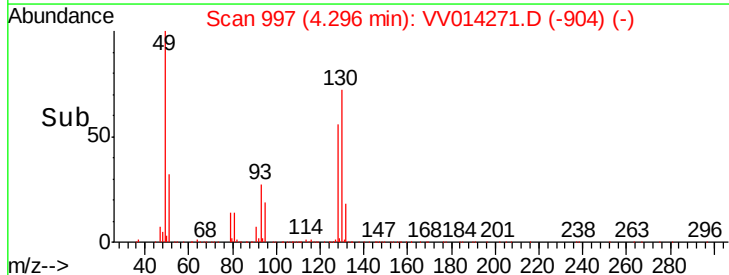
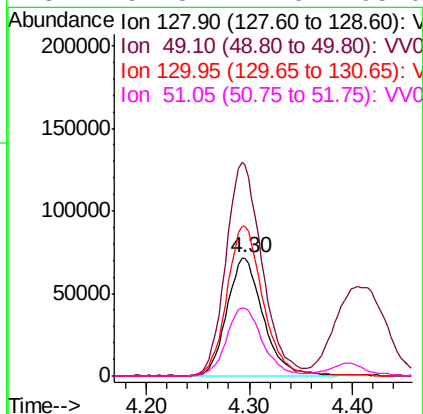
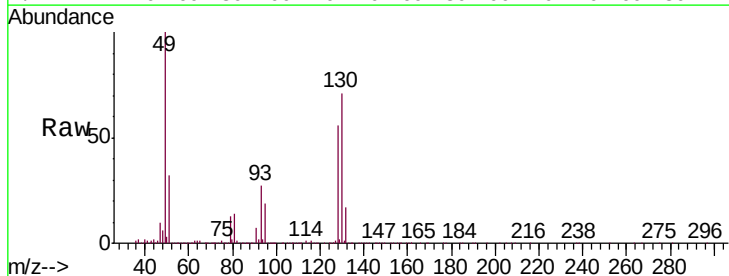
Tgt Ion: 96 Resp: 366251
Ion Ratio Lower Upper
96 100
61 133.4 90.6 168.3
68 0.1 0.3 0.7#

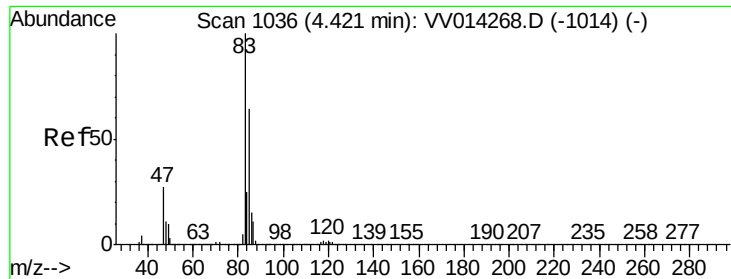


#23

Bromochloromethane
Concen: 5.295 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Tgt Ion: 128 Resp: 172735
Ion Ratio Lower Upper
128 100
49 178.4 117.5 218.1
130 127.3 93.7 173.9
51 57.8 42.0 63.0

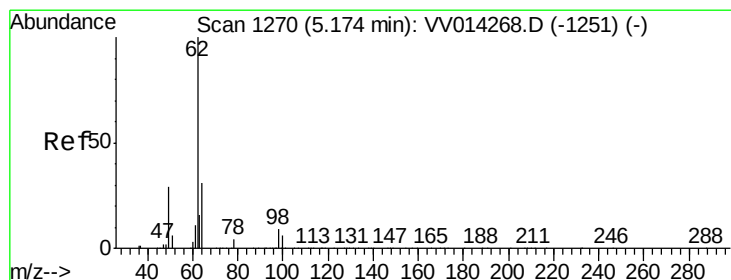
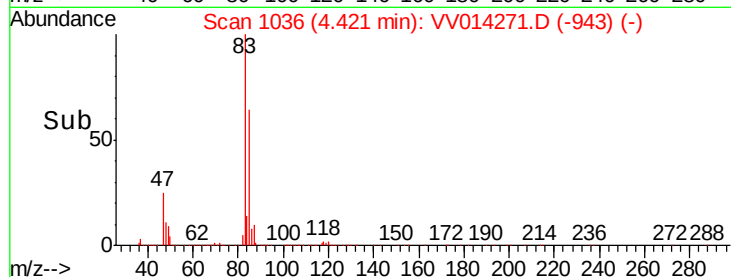
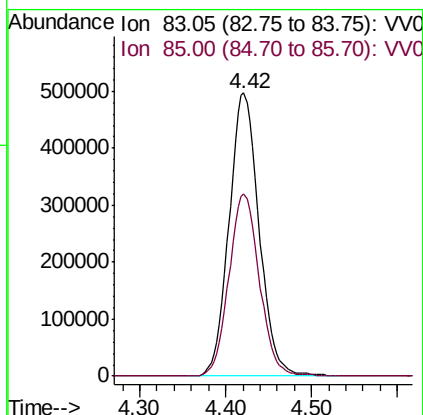
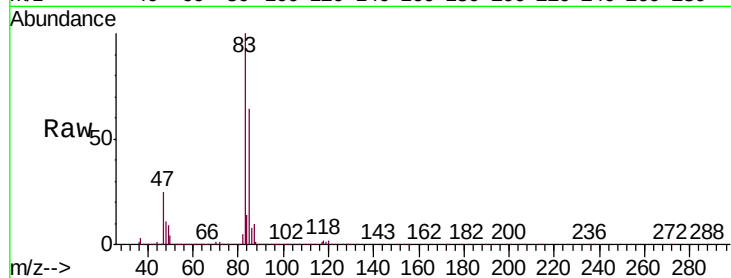




#25
Chloroform
Concen: 8.208 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

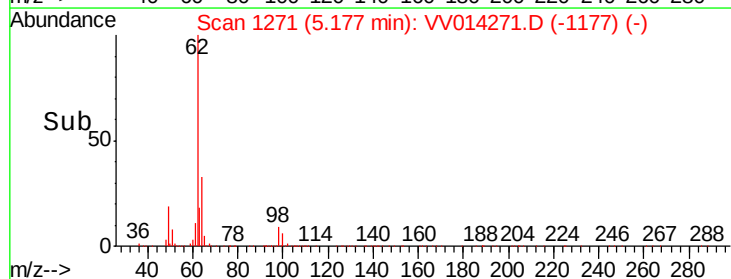
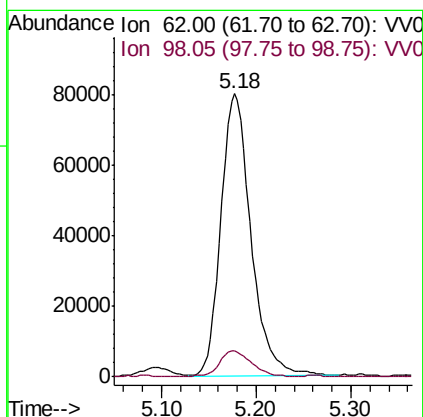
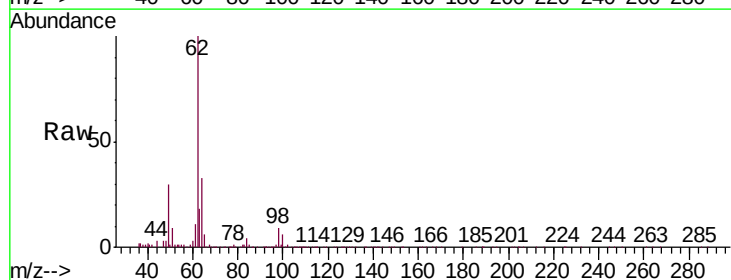
Instrument :
MSVOA_V
ClientSampled :
GASD3

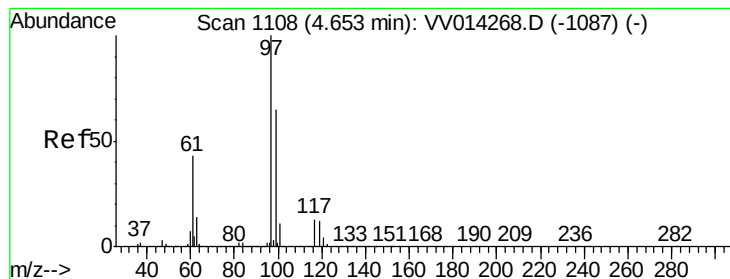
Tgt Ion: 83 Resp: 1205748
Ion Ratio Lower Upper
83 100
85 64.2 46.2 85.8



#27
1,2-Dichloroethane
Concen: 2.014 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Tgt Ion: 62 Resp: 177006
Ion Ratio Lower Upper
62 100
98 9.3 9.2 13.8





#29

1,1,1-Trichloroethane

Concen: 2.215 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampled :

GASD3

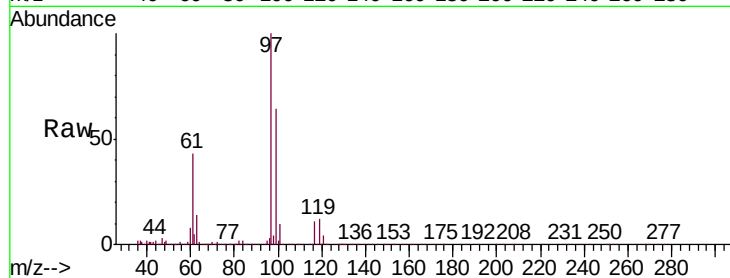
Tgt Ion: 97 Resp: 280989

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

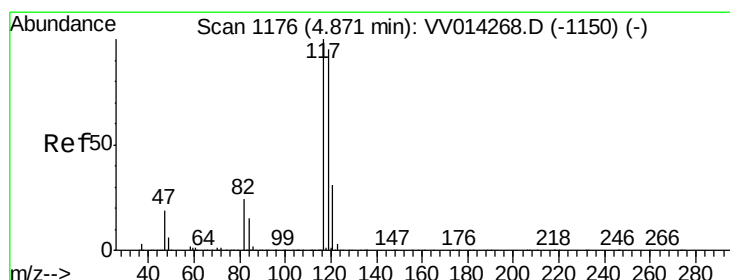
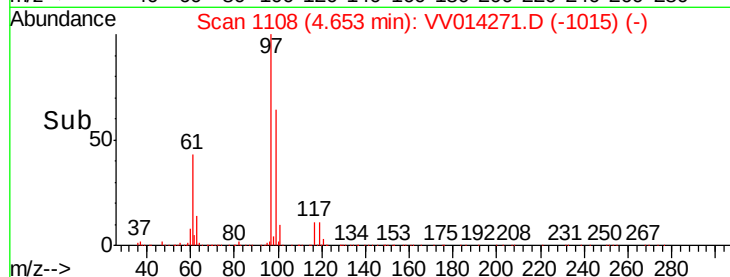
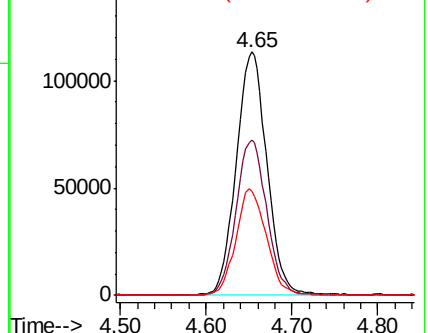
61 43.1 33.9 50.9



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



#31

Carbon tetrachloride

Concen: 3.294 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV014271.D

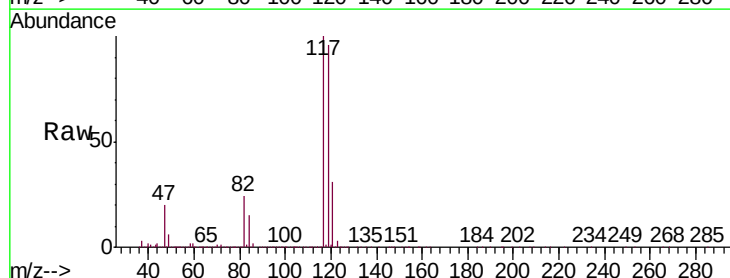
Acq: 10 Jan 2020 15:35

Tgt Ion: 117 Resp: 357808

Ion Ratio Lower Upper

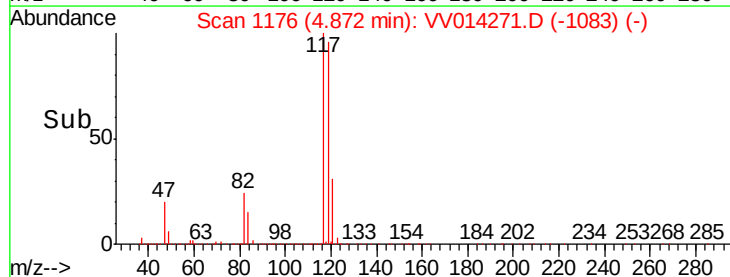
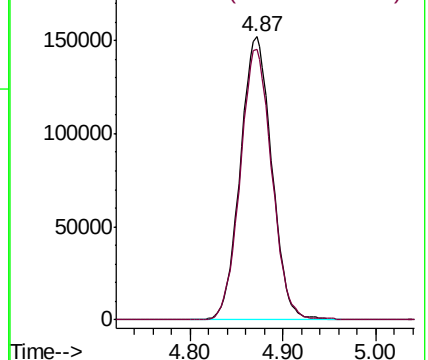
117 100

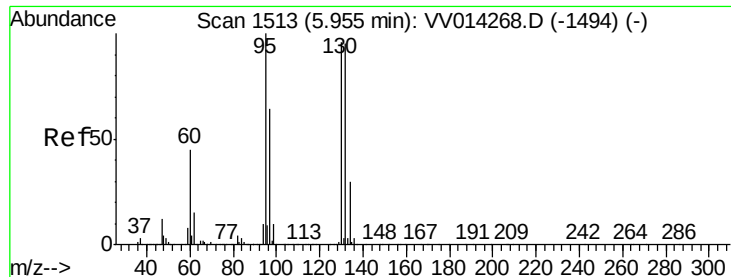
119 96.1 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 2.424 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

GASD3

Tgt Ion: 95 Resp: 204380

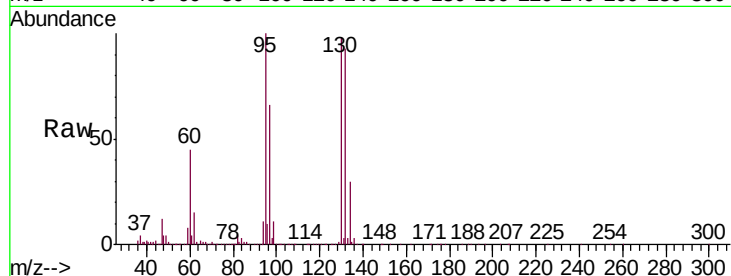
Ion Ratio Lower Upper

95 100

97 66.2 43.8 81.3

132 93.4 63.4 117.8

130 97.6 65.7 122.1

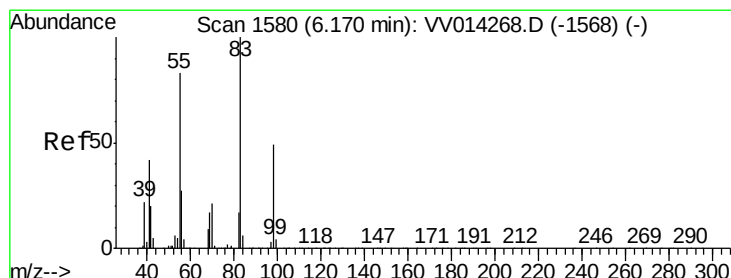
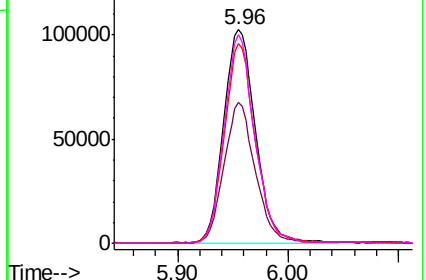
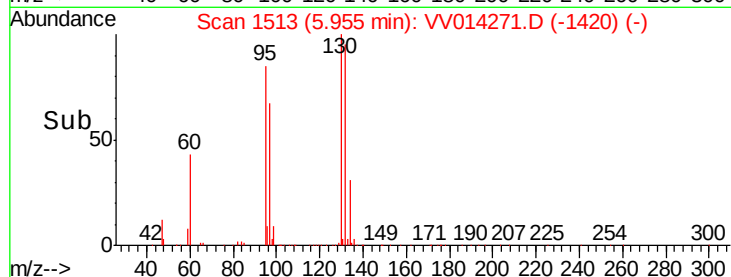


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.555 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

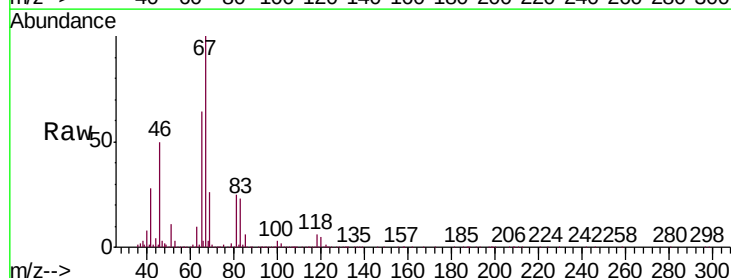
Tgt Ion: 83 Resp: 76505

Ion Ratio Lower Upper

83 100

55 1.7 61.7 92.5#

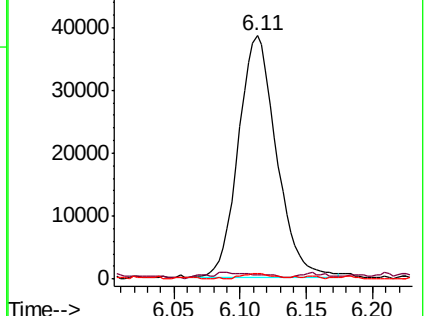
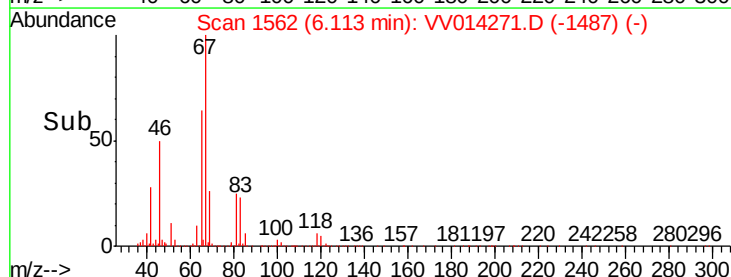
98 2.0 38.1 57.1#

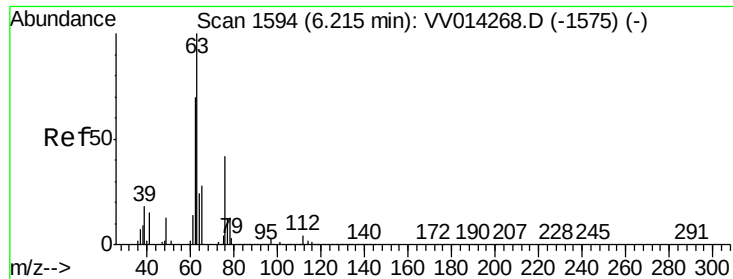


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

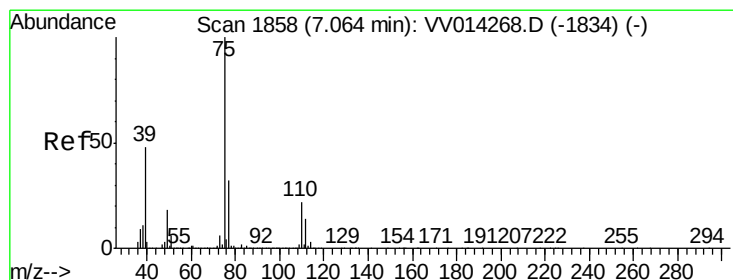
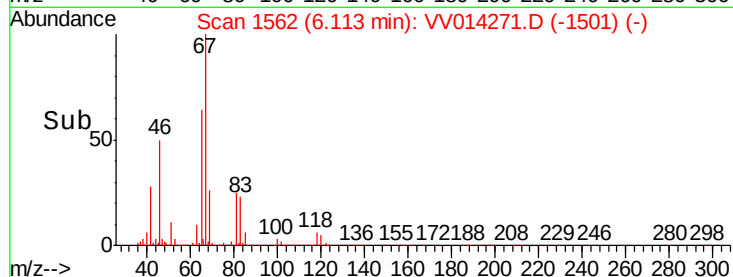
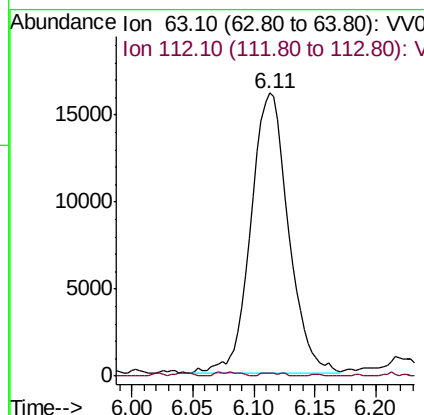
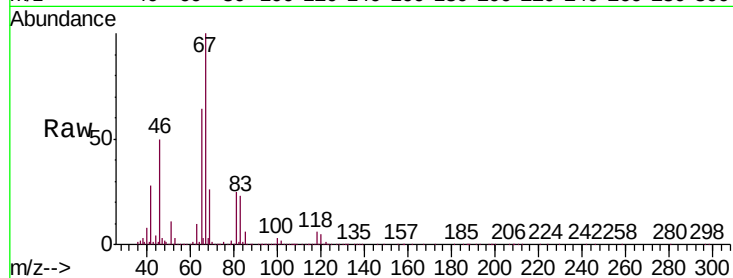




#37
 1,2-Dichloropropane
 Concen: 0.412 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014271.D
 Acq: 10 Jan 2020 15:35

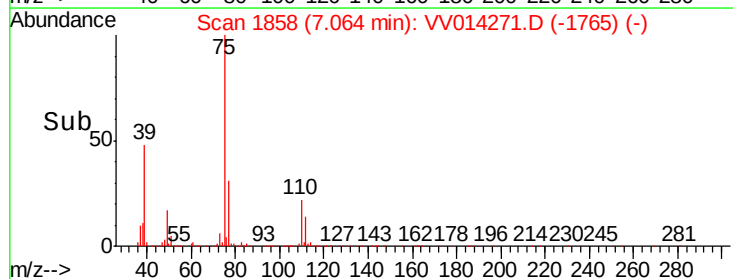
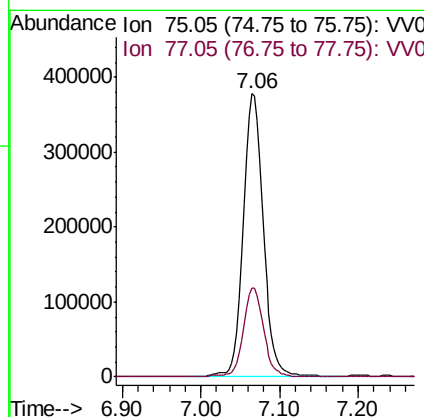
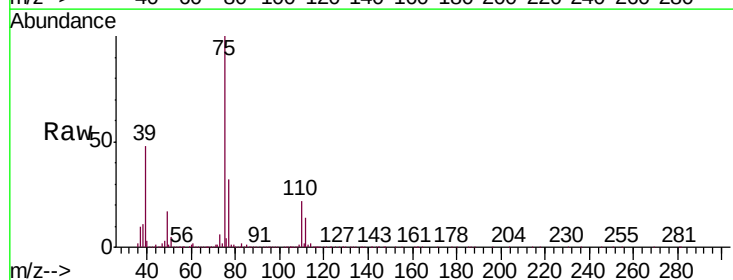
Instrument :
 MSVOA_V
 ClientSampleId :
 GASD3

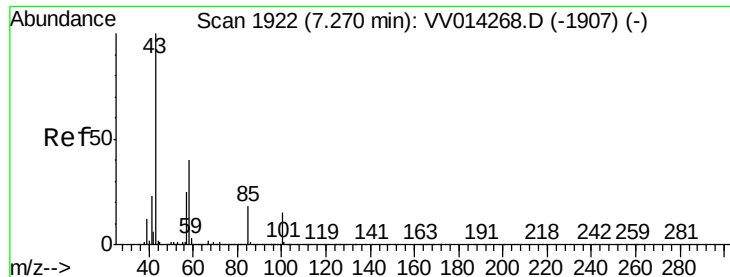
Tgt Ion: 63 Resp: 34162
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 5.052 ug/L
 RT: 7.06 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VV014271.D
 Acq: 10 Jan 2020 15:35

Tgt Ion: 75 Resp: 677452
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.4 41.6

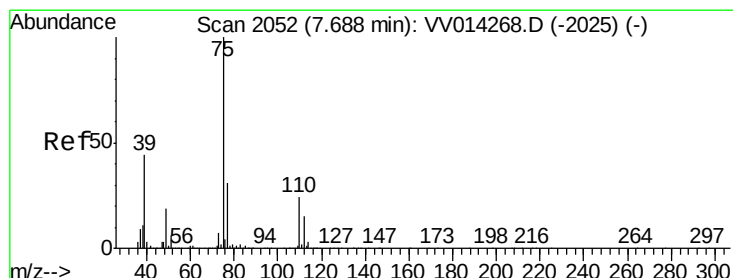
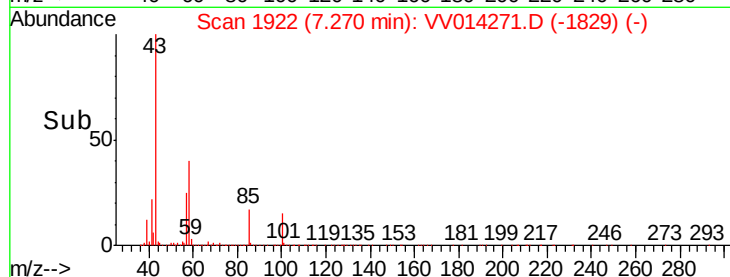
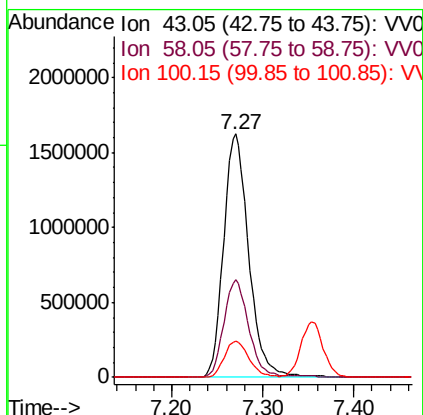
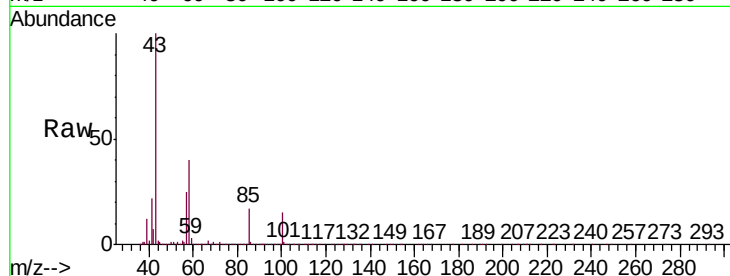




#40
4-Methyl-2-pentanone
Concen: 59.614 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

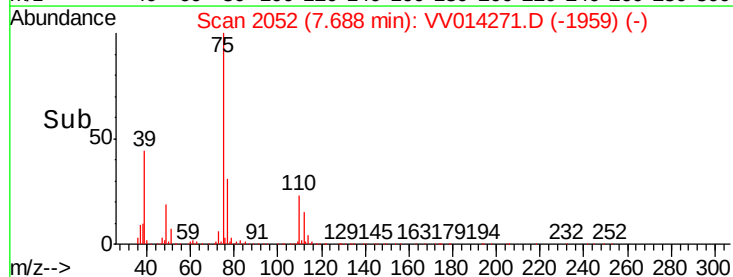
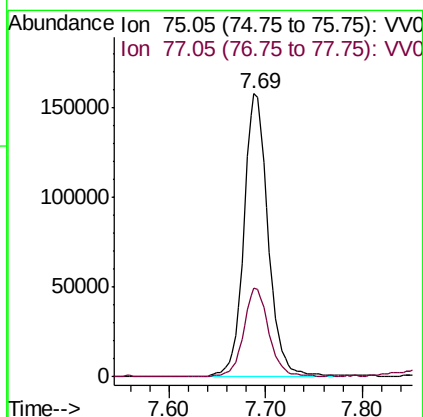
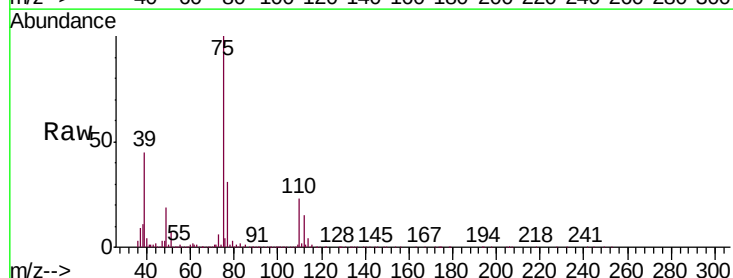
Instrument :
MSVOA_V
ClientSampleId :
GASD3

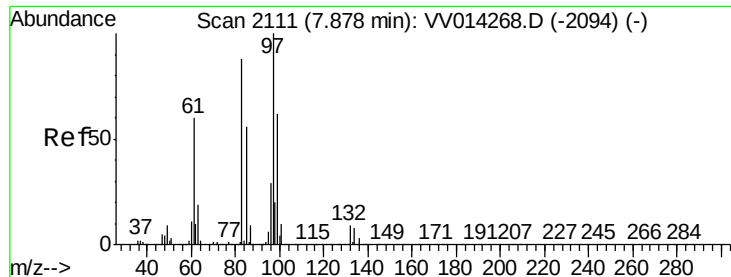
Tgt Ion: 43 Resp: 3112554
Ion Ratio Lower Upper
43 100
58 39.8 31.5 47.3
100 14.8 12.2 18.2



#44
trans-1,3-Dichloropropene
Concen: 2.661 ug/L
RT: 7.69 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Tgt Ion: 75 Resp: 273987
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 2.050 ug/L

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

GASD3

Tgt Ion: 97 Resp: 108450

Ion Ratio Lower Upper

97 100

99 60.3 43.7 81.1

83 86.5 60.0 111.4

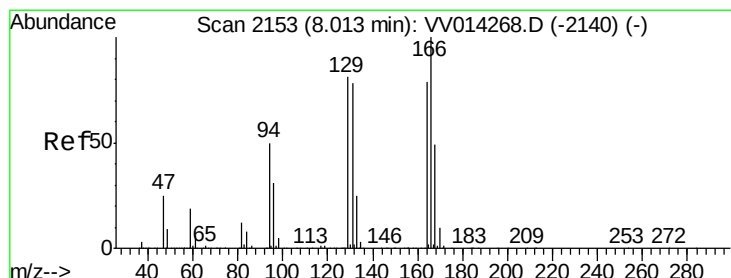
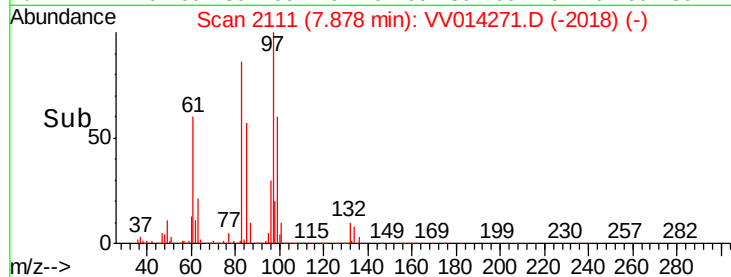
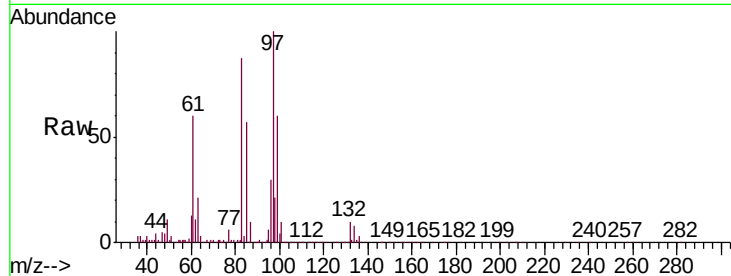
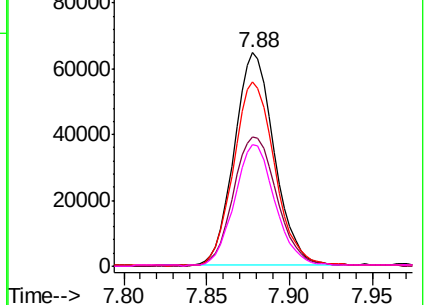
85 57.2 39.2 72.8

Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 3.315 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Tgt Ion: 164 Resp: 190988

Ion Ratio Lower Upper

164 100

129 103.4 71.7 133.3

131 98.7 70.4 130.8

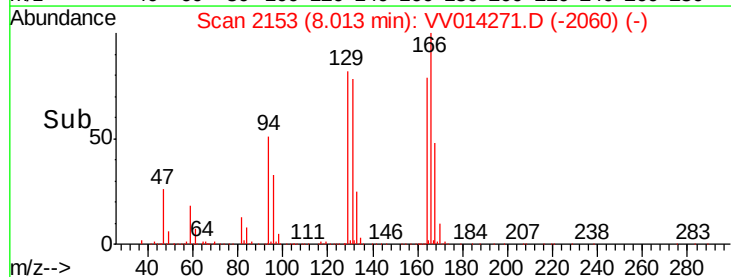
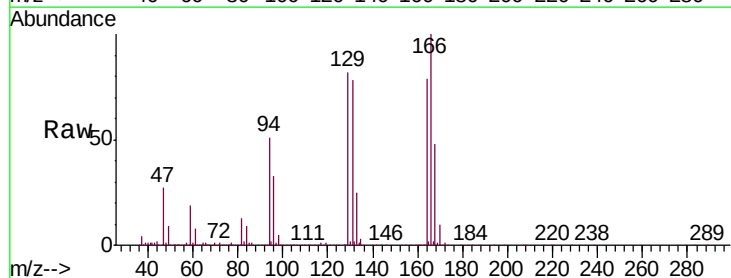
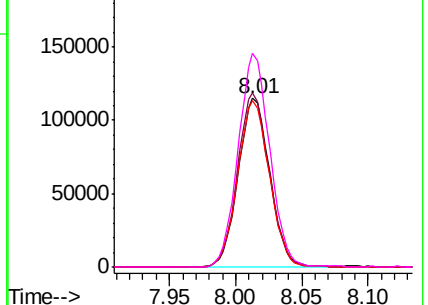
166 126.7 90.3 167.7

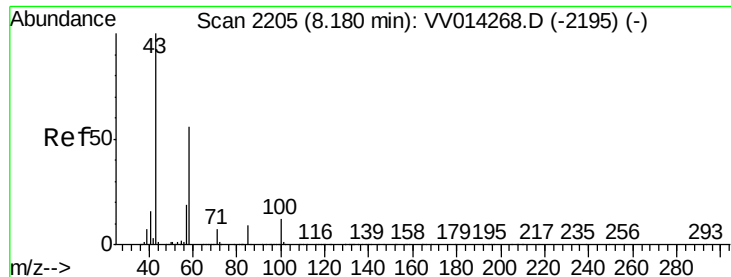
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48

2-Hexanone

Concen: 2.167 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

GASD3

Tgt Ion: 43 Resp: 78256

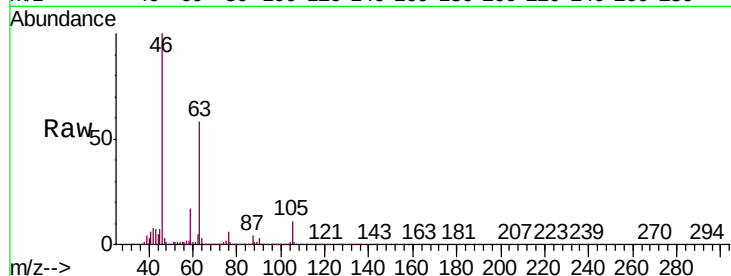
Ion Ratio Lower Upper

43 100

58 30.4 45.4 68.0#

57 24.7 15.8 23.8#

100 0.2 10.2 15.4#

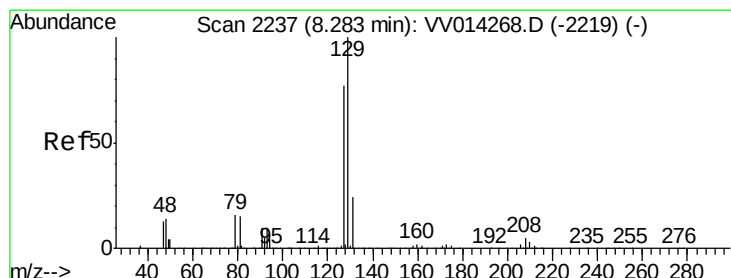
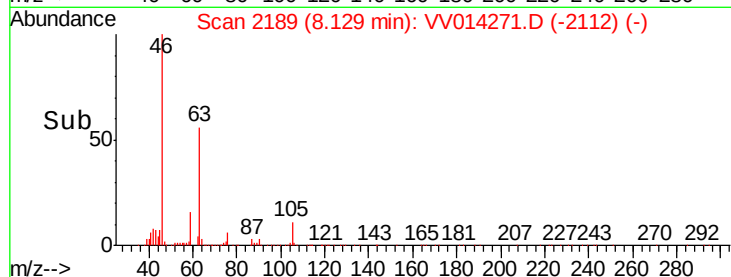
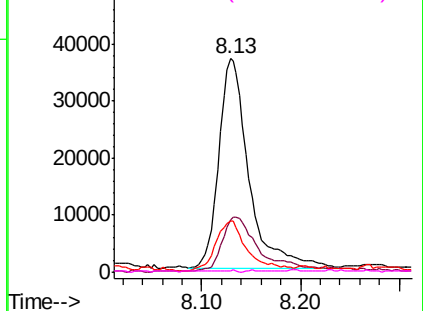


Abundance Ion 43.05 (42.75 to 43.75): VV0

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



#49

Dibromochloromethane

Concen: 2.849 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.27 min

Lab File: VV014271.D

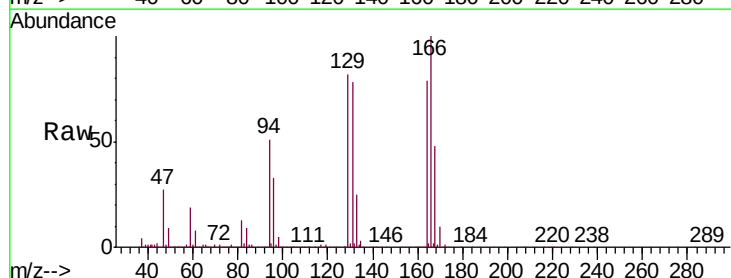
Acq: 10 Jan 2020 15:35

Tgt Ion: 129 Resp: 190594

Ion Ratio Lower Upper

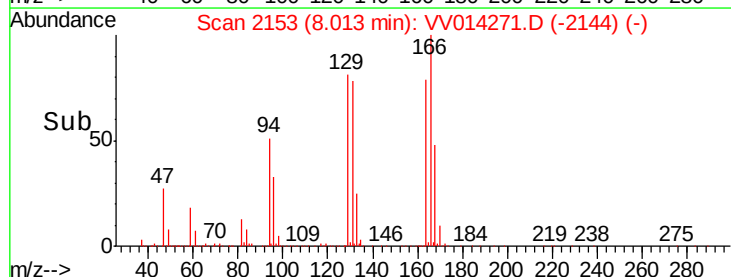
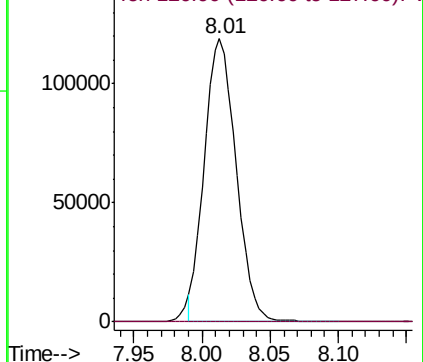
129 100

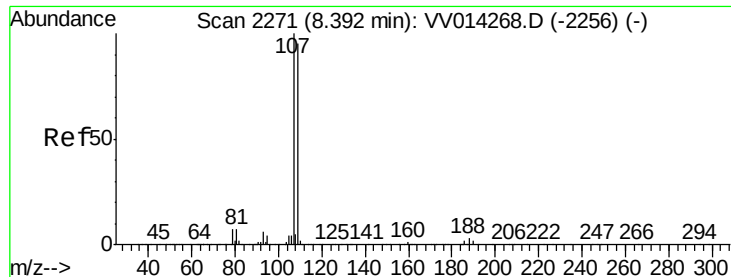
127 0.4 55.7 103.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

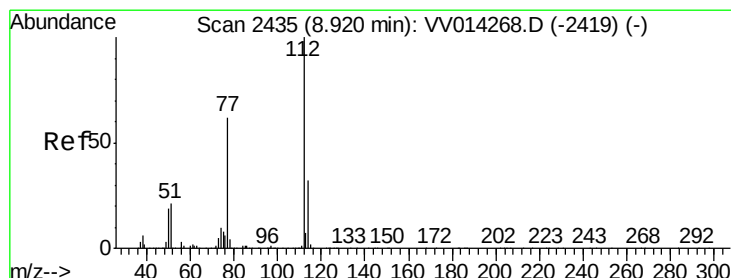
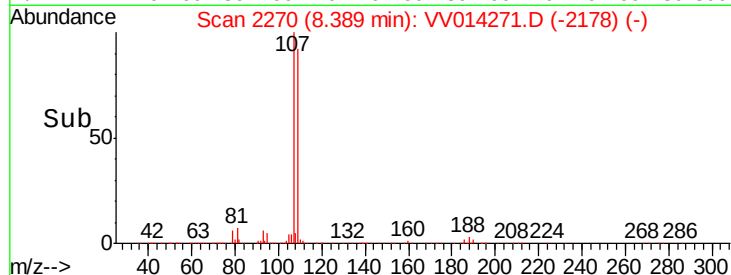
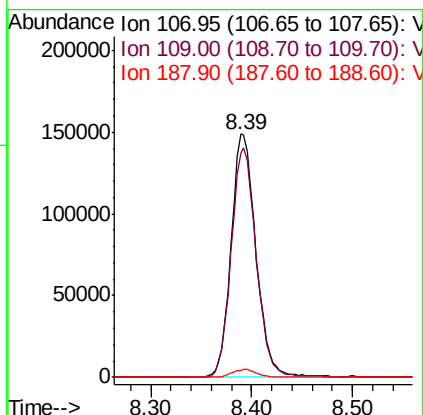
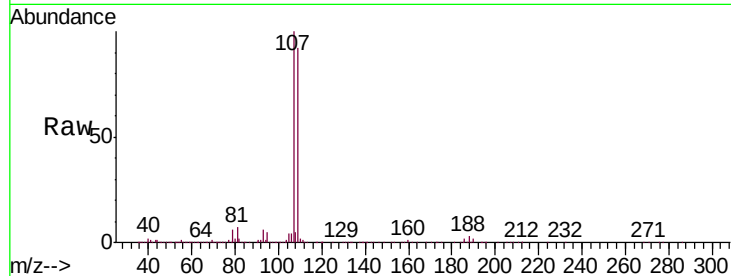




#50
1,2-Dibromoethane
Concen: 5.002 ug/L
RT: 8.39 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

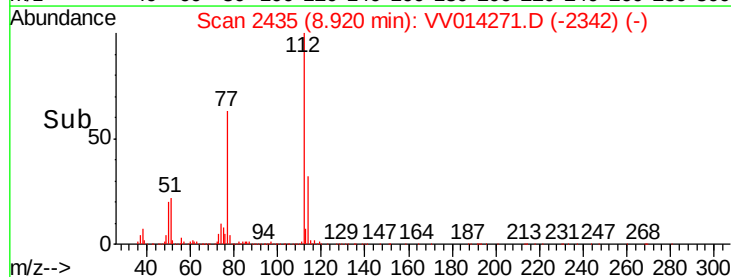
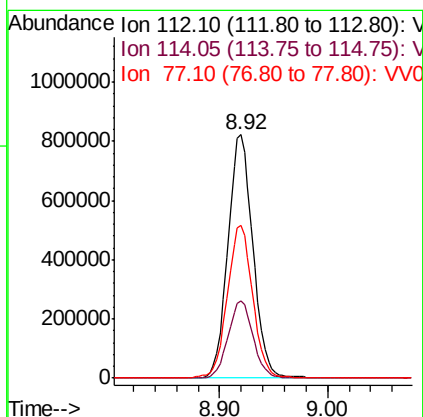
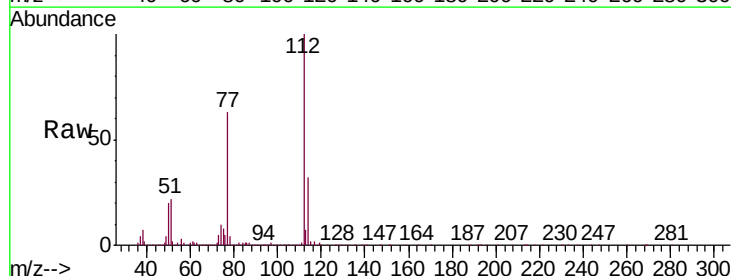
Instrument :
MSVOA_V
ClientSampleId :
GASD3

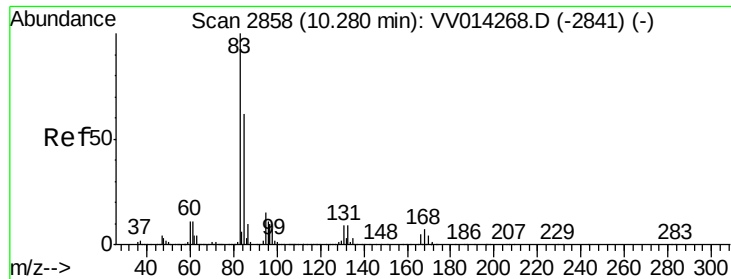
Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.3	63.0	117.0
188	3.0	3.0	4.4



#51
Chlorobenzene
Concen: 6.228 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014271.D
Acq: 10 Jan 2020 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	62.9	49.3	73.9





#58

1,1,2,2-Tetrachloroethane

Concen: 1.627 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

GASD3

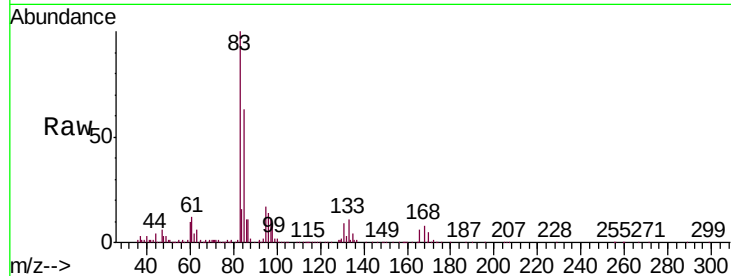
Tgt Ion: 83 Resp: 106183

Ion Ratio Lower Upper

83 100

85 62.7 45.9 85.3

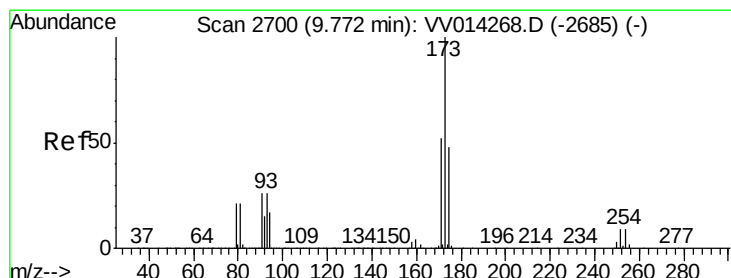
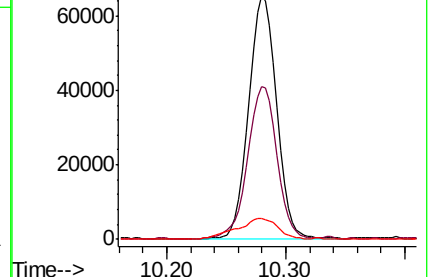
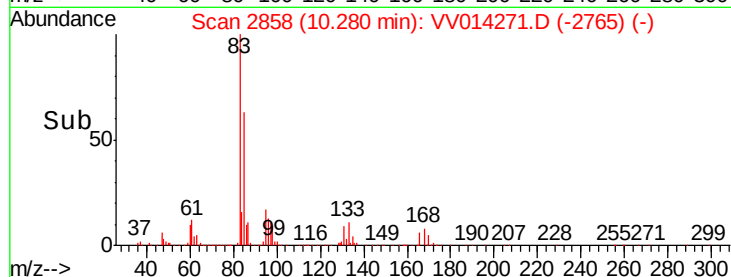
131 8.7 7.8 11.8



Abundance Ion 82.95 (82.65 to 83.65): VV014271.D (-2765) (-)

Ion 85.00 (84.70 to 85.70): VV014271.D (-2765) (-)

Ion 130.95 (130.65 to 131.65): VV014271.D (-2765) (-)



#61

Bromoform

Concen: 3.078 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

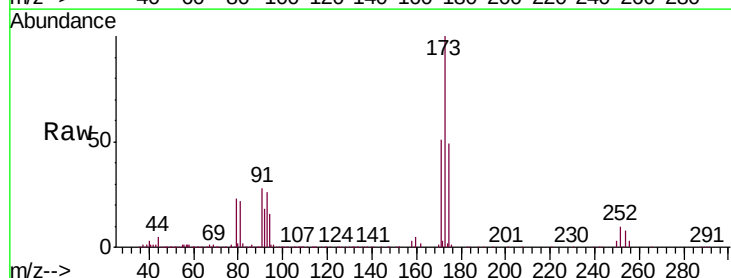
Tgt Ion: 173 Resp: 104183

Ion Ratio Lower Upper

173 100

175 48.5 37.9 56.9

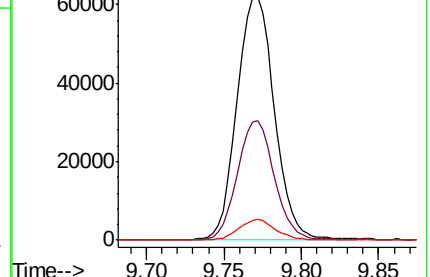
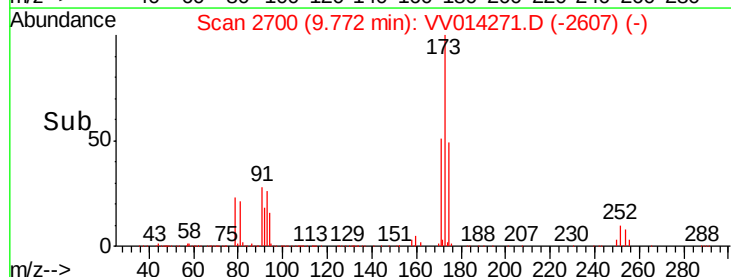
254 8.3 7.6 11.4

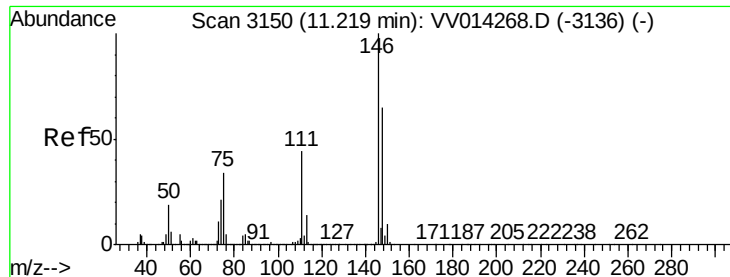


Abundance Ion 172.90 (172.60 to 173.60): VV014271.D (-2607) (-)

Ion 174.90 (174.60 to 175.60): VV014271.D (-2607) (-)

Ion 253.75 (253.45 to 254.45): VV014271.D (-2607) (-)





#62

1,3-Dichlorobenzene

Concen: 3.262 ug/L

RT: 11.22 min Scan# 3150

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

GASD3

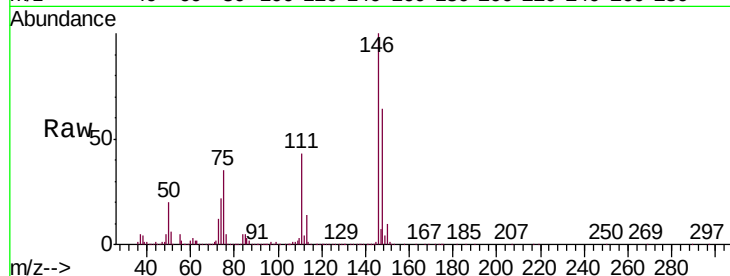
Tgt Ion:146 Resp: 509160

Ion Ratio Lower Upper

146 100

111 43.5 30.7 57.1

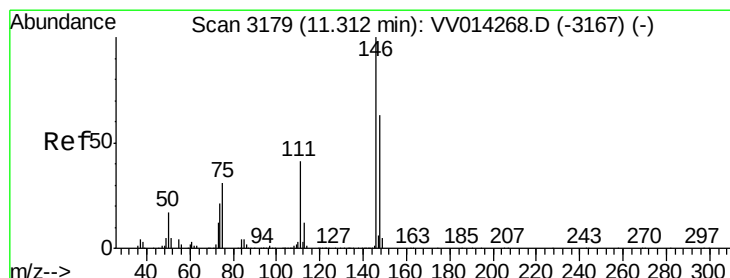
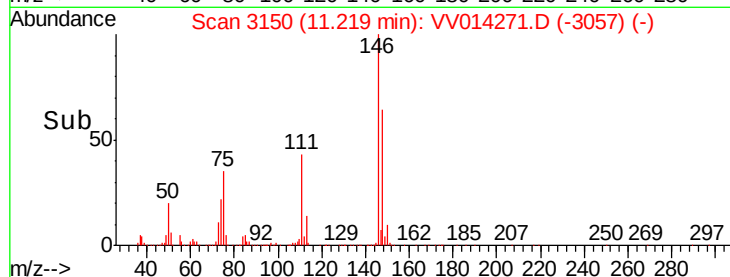
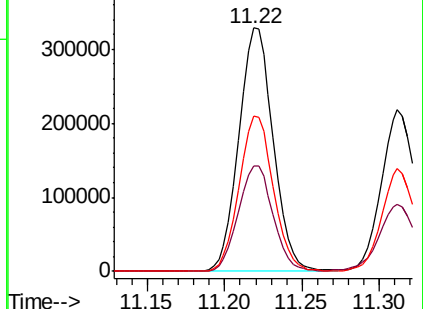
148 63.8 44.4 82.5



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



#63

1,4-Dichlorobenzene

Concen: 2.197 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. 0.00 min

Lab File: VV014271.D

Acq: 10 Jan 2020 15:35

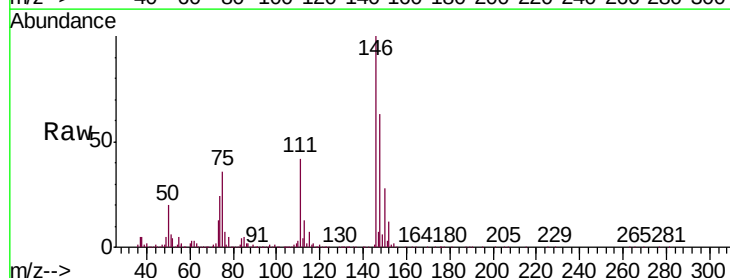
Tgt Ion:146 Resp: 341014

Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.4

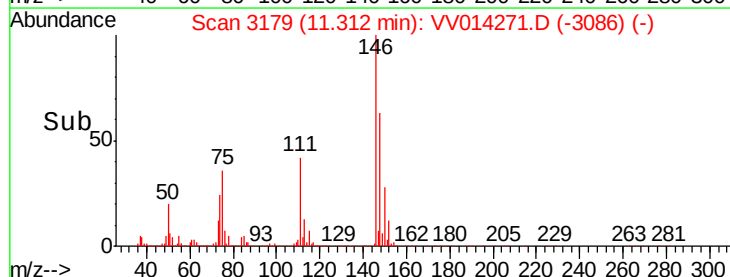
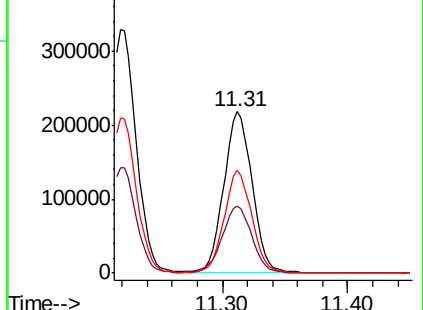
148 63.3 44.5 82.7

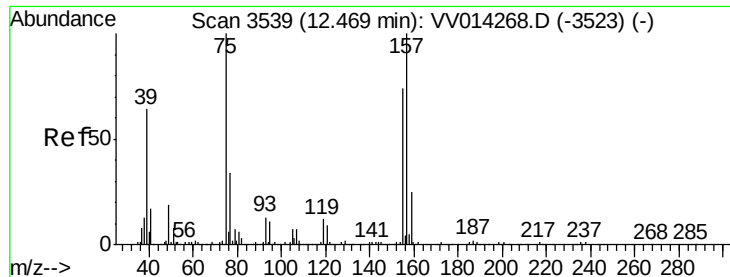


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

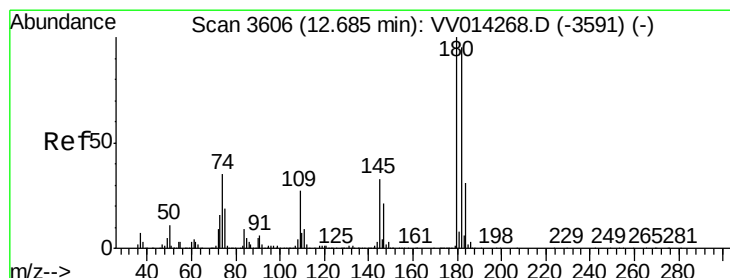
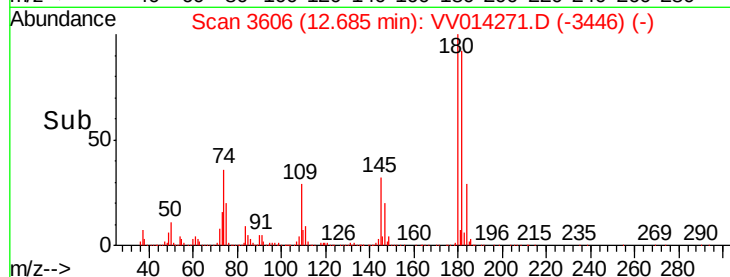
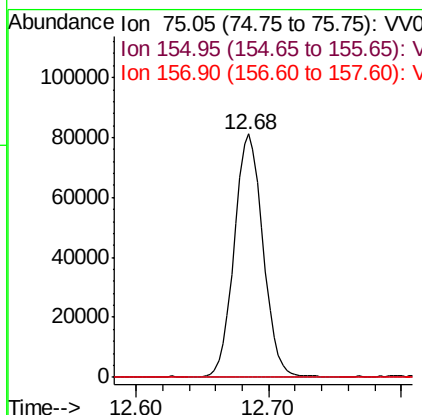
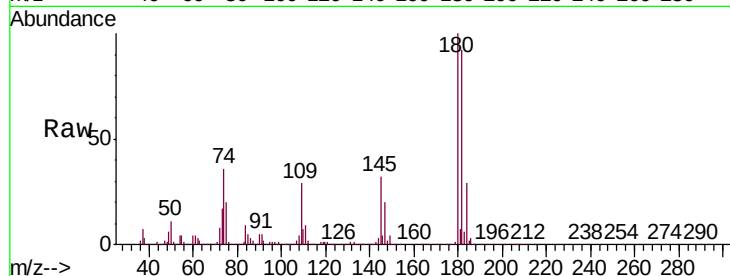




#66
 1,2-Dibromo-3-chloropropane
 Concen: 9.395 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. 0.22 min
 Lab File: VV014271.D
 Acq: 10 Jan 2020 15:35

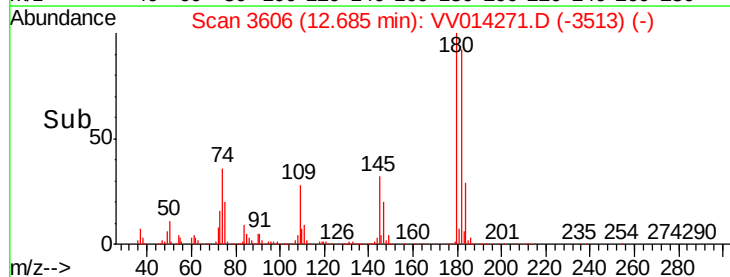
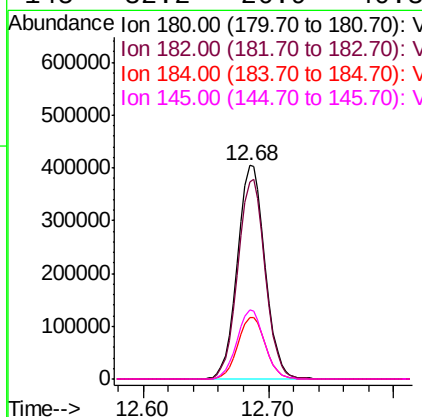
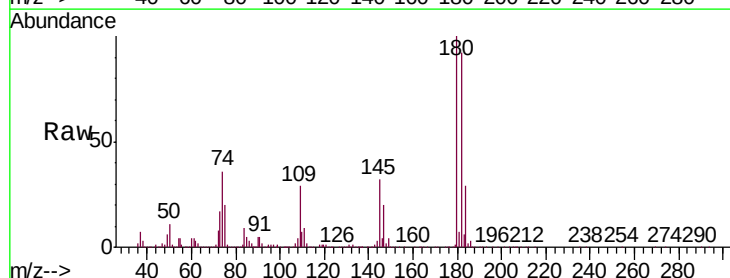
Instrument :
 MSVOA_V
 ClientSampleId :
 GASD3

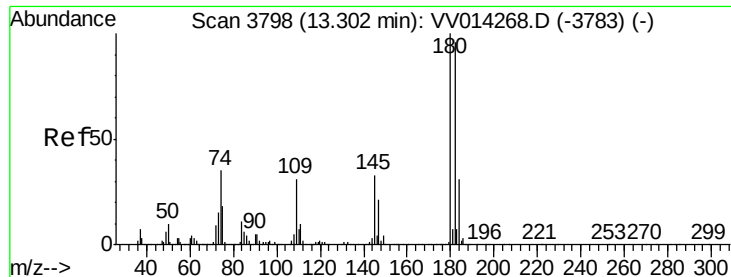
Tgt Ion: 75 Resp: 121731
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.9 85.3#
 157 0.0 82.0 123.0#



#67
 1,3,5-Trichlorobenzene
 Concen: 5.439 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV014271.D
 Acq: 10 Jan 2020 15:35

Tgt Ion: 180 Resp: 617369
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.2 115.8
 184 29.1 24.6 36.8
 145 32.2 26.9 40.3

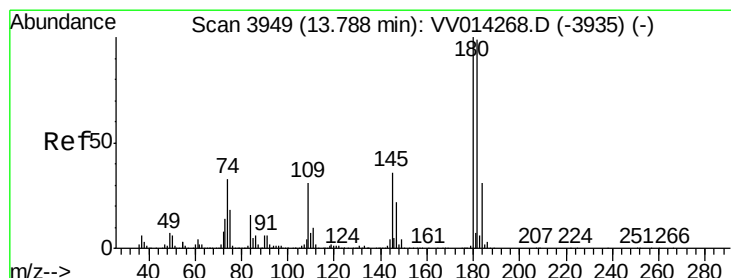
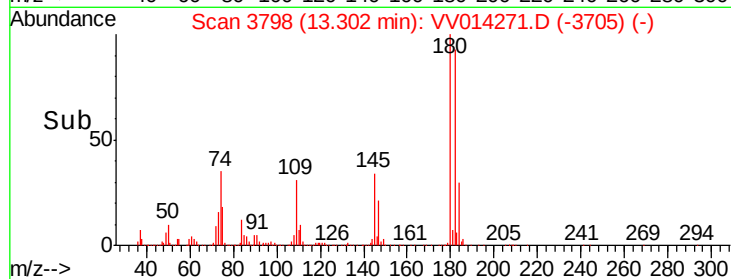
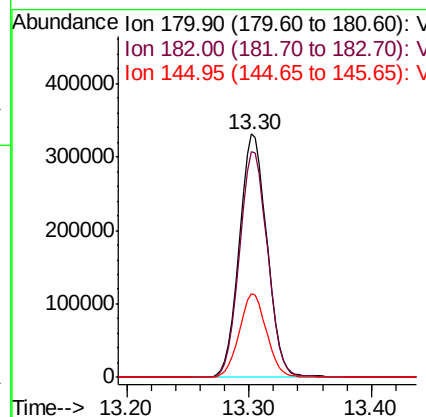
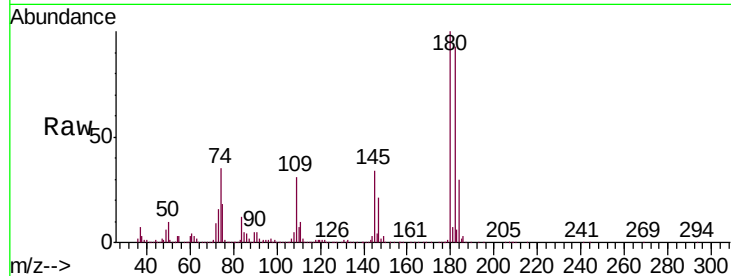




#68
 1,2,4-trichlorobenzene
 Concen: 5.230 ug/L
 RT: 13.30 min Scan# 3798
 Delta R.T. 0.00 min
 Lab File: VV014271.D
 Acq: 10 Jan 2020 15:35

Instrument :
 MSVOA_V
 ClientSampled :
 GASD3

Tgt Ion:180 Resp: 520711
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.2 112.8
 145 34.0 26.2 39.4



#70
 1,2,3-Trichlorobenzene
 Concen: 3.218 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VV014271.D
 Acq: 10 Jan 2020 15:35

Tgt Ion:180 Resp: 281889
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.8 112.2
 145 36.0 29.0 43.6

