

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014295.D
 Acq On : 14 Jan 2020 14:41
 Operator : SY/MD
 Sample : L1101-06DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 14 22:22:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	930821	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	837956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	395626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293517	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	133012	2.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	52.80%#
11) 1,1-Dichloroethene-d2	2.13	63	364349	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.95	46	776557	49.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	4.40	84	599428	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	303878	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	1293701	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.11	67	410022	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.36	98	1185565	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.66	79	169446	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.13	63	719081	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	278308	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	383905	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

					Ovalue
6) Bromomethane	1.54	94	3052	0.083 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6541	0.157 ug/L #	76
12) 1,1-Dichloroethene	2.14	96	7285	0.175 ug/L #	1
13) Acetone	2.21	43	29810	2.767 ug/L	96
14) Carbon disulfide	2.32	76	13979	0.076 ug/L #	91
16) Methylene chloride	2.53	84	39325	0.581 ug/L	90
17) Methyl tert-butyl Ether	2.81	73	18199	0.118 ug/L #	81
19) 1,1-Dichloroethane	3.23	63	13734	0.112 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	14803	0.216 ug/L #	87
25) Chloroform	4.42	83	46721	0.398 ug/L	96
27) 1,2-Dichloroethane	5.18	62	8552	0.122 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	11942	0.120 ug/L #	88
30) Cyclohexane	4.72	56	12322	0.112 ug/L #	74
31) Carbon tetrachloride	4.87	117	10285	0.120 ug/L	98
33) Benzene	5.14	78	31212	0.121 ug/L	100
34) Trichloroethene	5.96	95	461942	6.966 ug/L	98
35) Methylcyclohexane	6.17	83	12968	0.120 ug/L	93

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

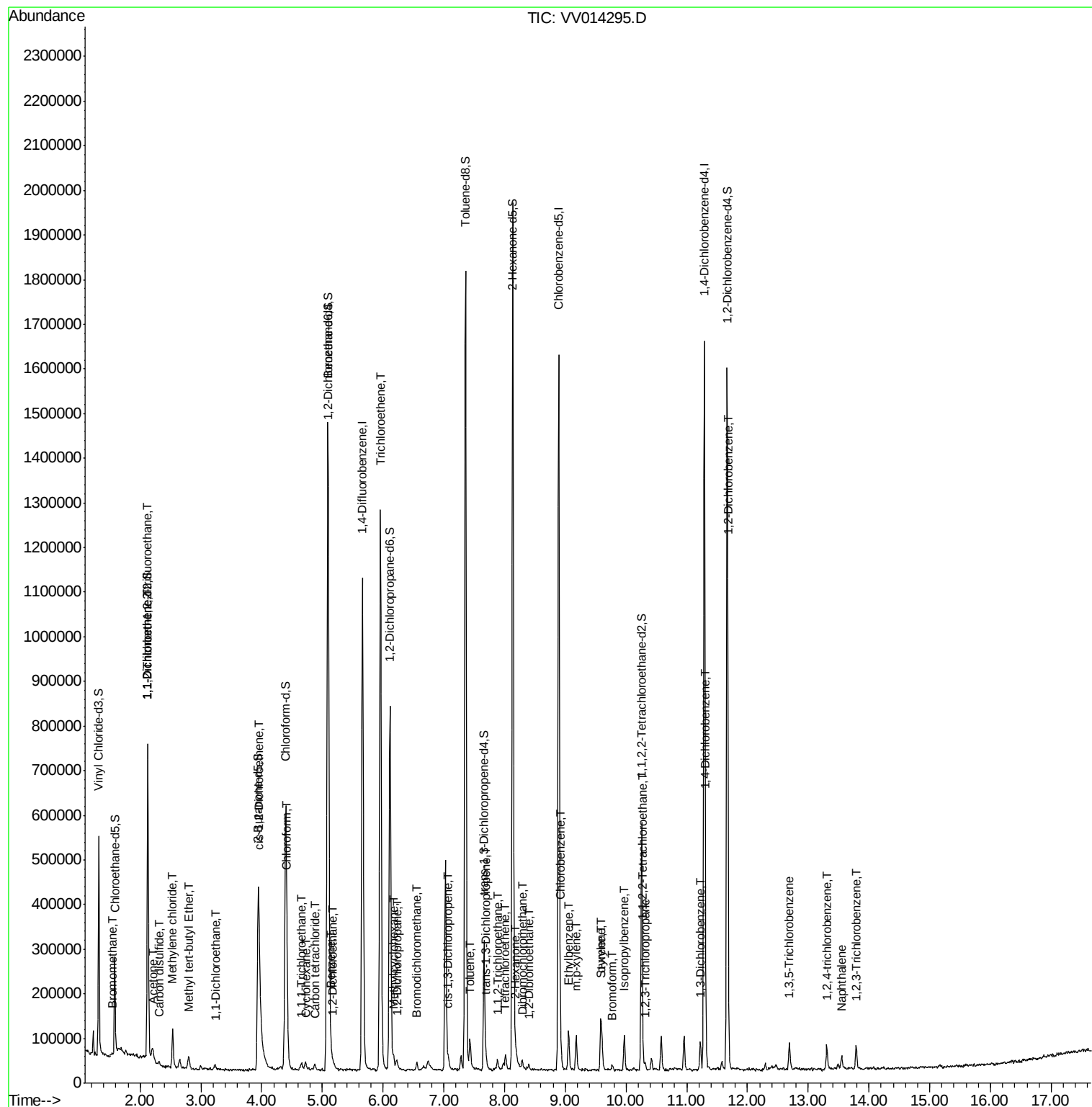
37) 1,2-Dichloropropane	6.22	63	9313	0.143	ug/L #	96
38) Bromodichloromethane	6.55	83	13982	0.166	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	16119	0.153	ug/L	89
42) Toluene	7.43	91	48392	0.178	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	12909	0.159	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	7226	0.174	ug/L	89
47) Tetrachloroethene	8.02	164	6814	0.150	ug/L	89
48) 2-Hexanone	8.19	43	15737	0.554	ug/L #	97
49) Dibromochloromethane	8.29	129	9044	0.172	ug/L	92
50) 1,2-Dibromoethane	8.39	107	6373	0.158	ug/L #	93
51) Chlorobenzene	8.92	112	33012	0.197	ug/L	93
52) Ethylbenzene	9.05	91	65632	0.215	ug/L	94
53) m,p-xylene	9.18	106	23643	0.210	ug/L	97
54) o-xylene	9.59	106	26070	0.236	ug/L	87
55) Styrene	9.60	104	33946	0.181	ug/L	95
56) Isopropylbenzene	9.97	105	50094	0.174	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	10382	0.202	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	8004	0.206	ug/L	98
61) Bromoform	9.77	173	4224	0.158	ug/L #	80
62) 1,3-Dichlorobenzene	11.22	146	23760	0.192	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	25828	0.210	ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	23441	0.210	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	17926	0.199	ug/L	93
68) 1,2,4-trichlorobenzene	13.31	180	14600	0.185	ug/L	92
69) Naphthalene	13.55	128	24027	0.150	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	13659	0.197	ug/L	85

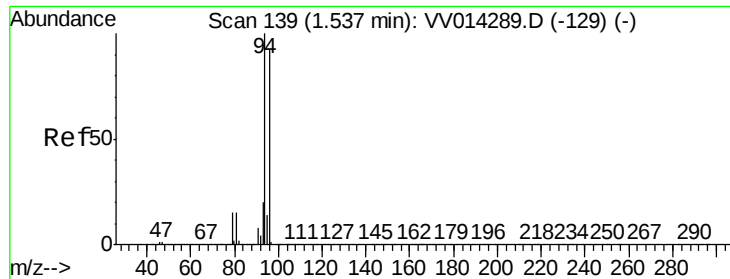
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.083 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

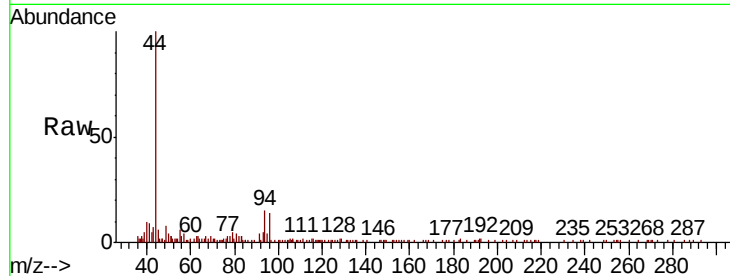
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 94 Resp: 3052

Ion Ratio Lower Upper

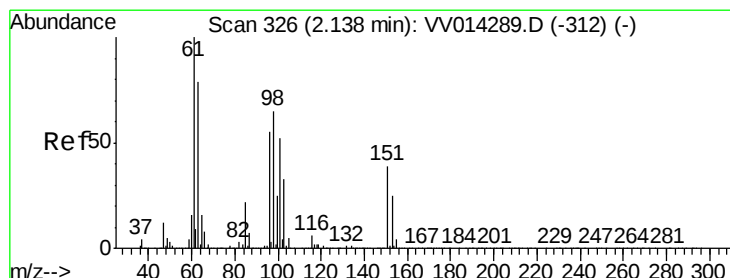
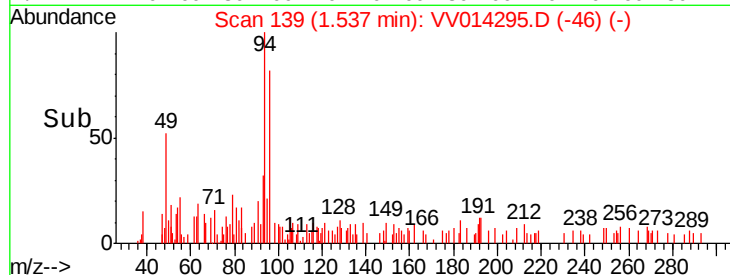
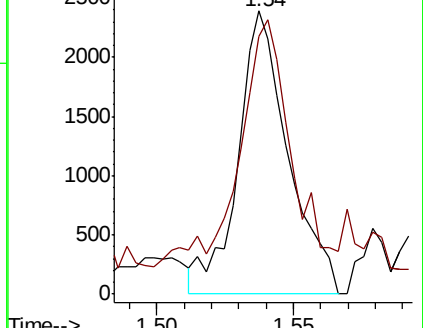
94 100

96 91.2 66.9 124.3



Abundance Ion 94.00 (93.70 to 94.70): VV014289.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV014289.D (-129) (-)



#10

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

Concen: 0.157 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

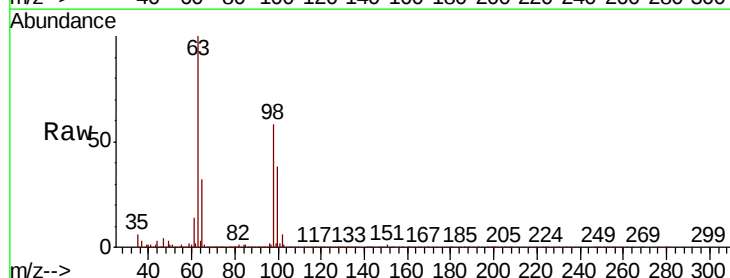
Tgt Ion: 101 Resp: 6541

Ion Ratio Lower Upper

101 100

85 35.8 34.9 52.3

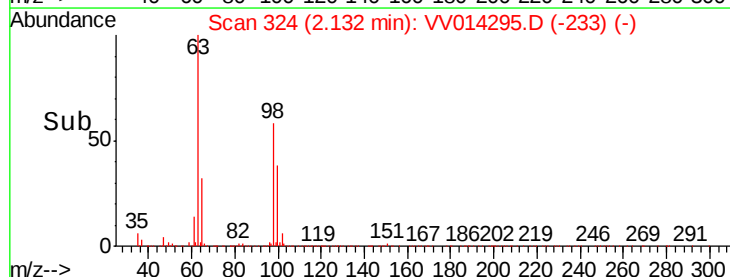
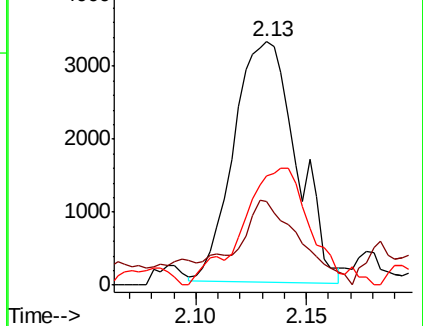
151 51.3 62.5 93.7#

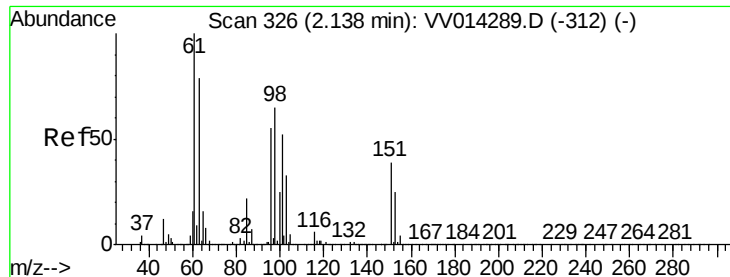


Abundance Ion 101.00 (100.70 to 101.70): VV014289.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV014289.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV014289.D (-312) (-)





#12

1,1-Dichloroethene

Concen: 0.175 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

Instrument :
MSVOA_V
ClientSampleId :

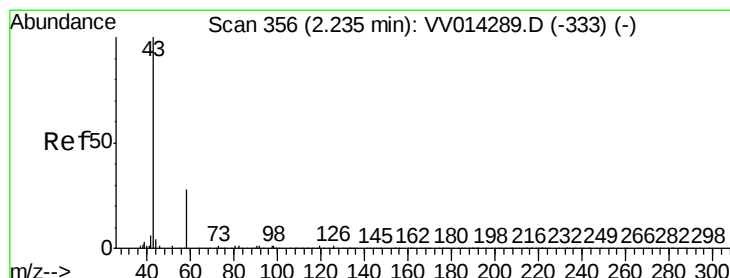
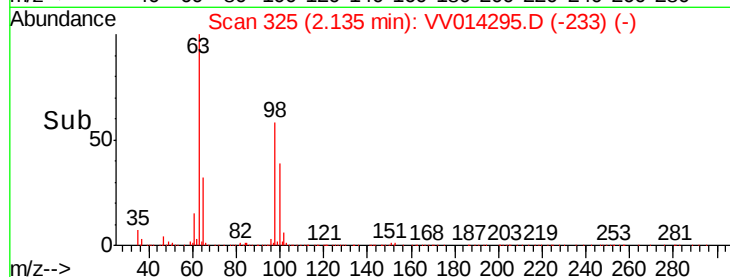
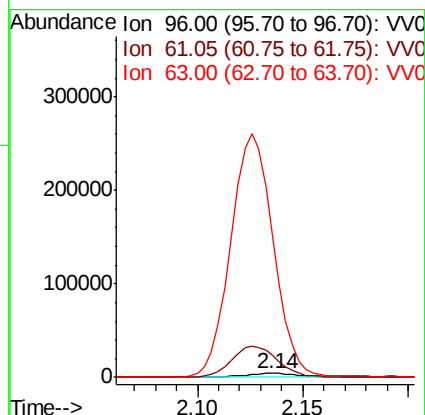
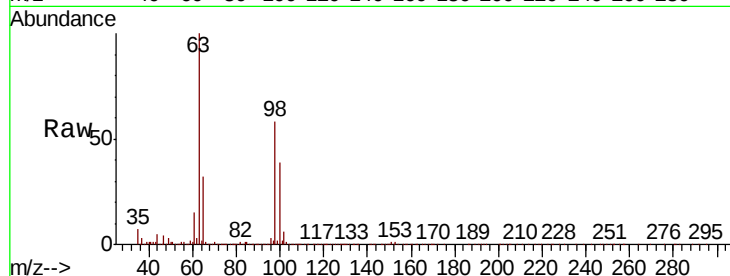
Tot Ion: 96 Resp: 7285

Ion Ratio Lower Upper

96 100

61 539.6 121.5 225.7#

63 3543.4 90.3 167.7#



#13

Acetone

Concen: 2.767 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.03 min

Lab File: VV014295.D

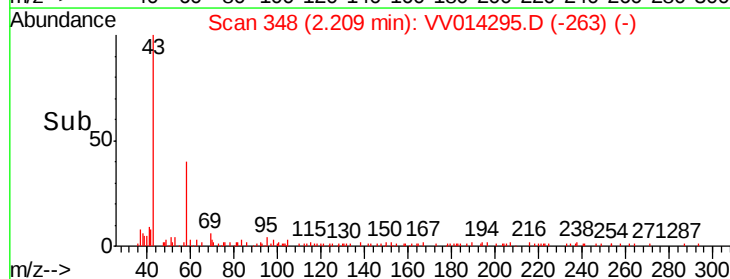
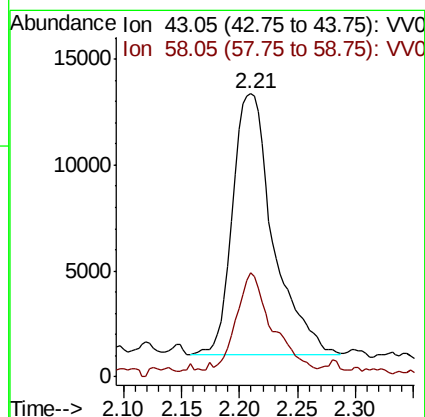
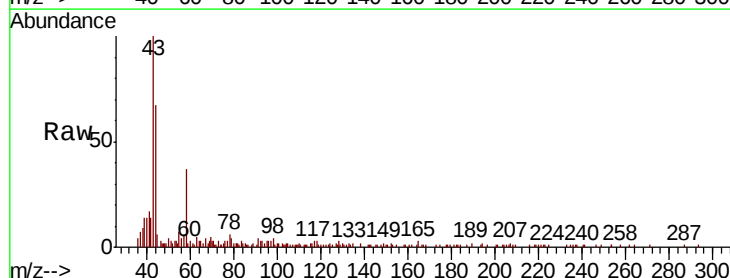
Acq: 14 Jan 2020 14:41

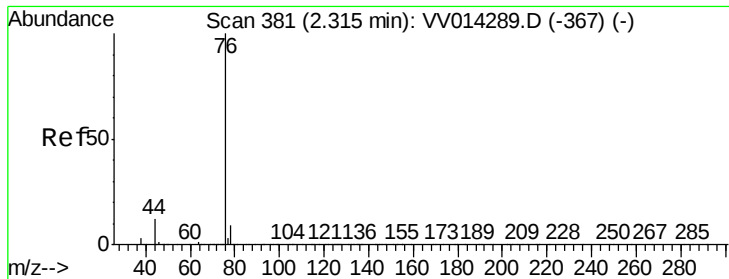
Tgt Ion: 43 Resp: 29810

Ion Ratio Lower Upper

43 100

58 35.4 0.0 66.0





#14

Carbon disulfide

Concen: 0.076 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

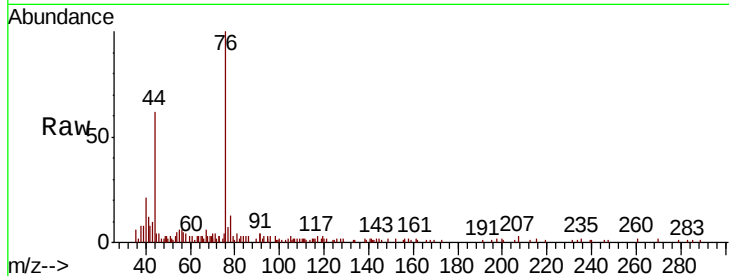
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 76 Resp: 13979

Ion Ratio Lower Upper

76 100

78 12.6 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV014295.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV014295.D (-367) (-)

2.32

10000

8000

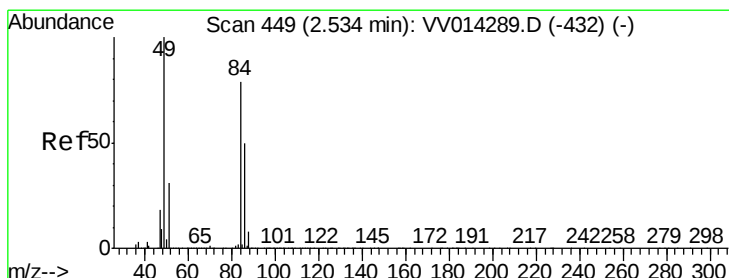
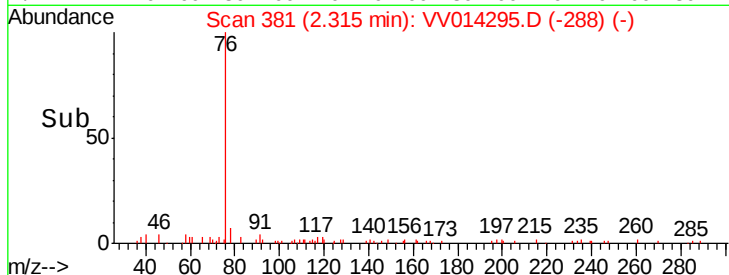
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#16

Methylene chloride

Concen: 0.581 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

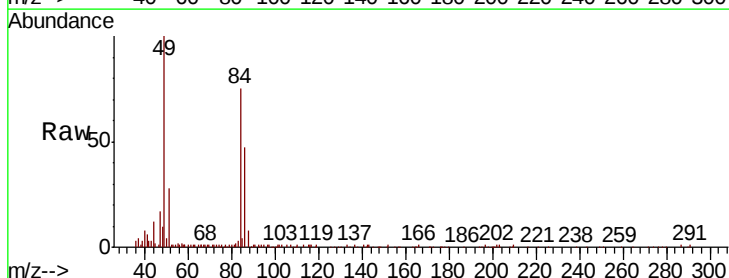
Tgt Ion: 84 Resp: 39325

Ion Ratio Lower Upper

84 100

86 62.5 43.1 80.1

49 134.1 82.1 152.5



Abundance Ion 84.05 (83.75 to 84.75): VV014295.D (-432) (-)

Ion 86.00 (85.70 to 86.70): VV014295.D (-432) (-)

Ion 49.10 (48.80 to 49.80): VV014295.D (-432) (-)

40000

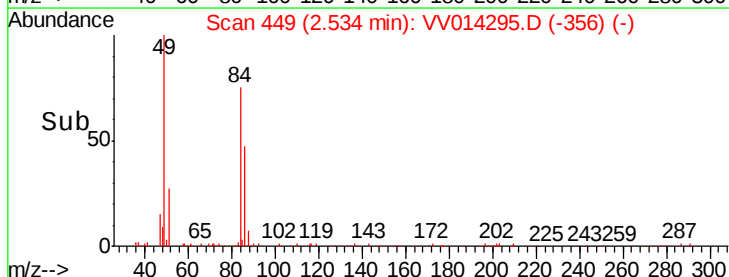
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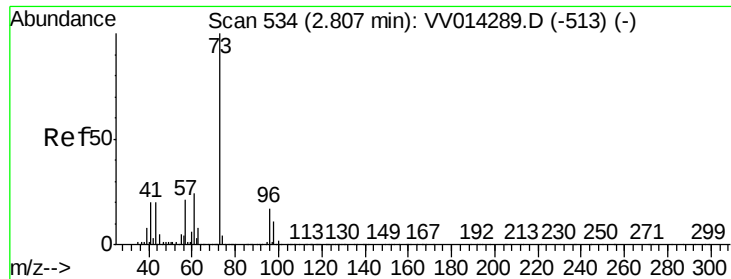
20000

10000

0

Time--> 2.45 2.50 2.55 2.60

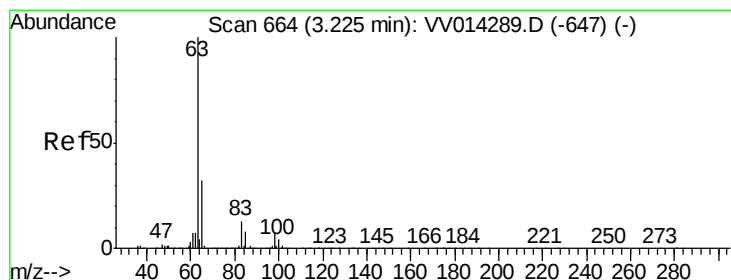
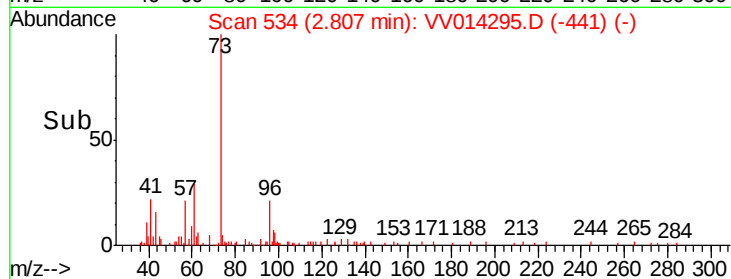
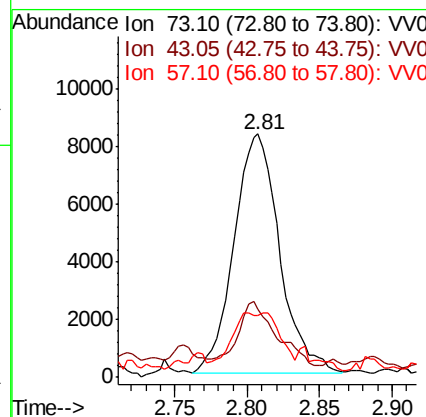
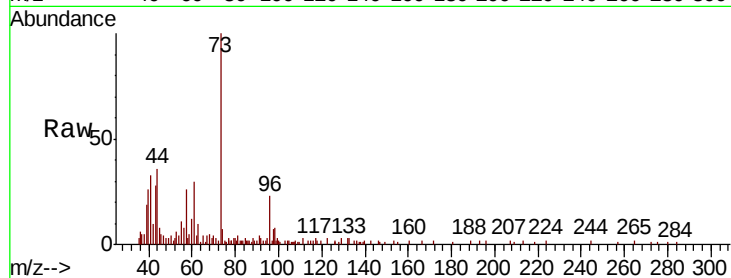




#17
Methvl tert-butvl Ether
Concen: 0.118 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

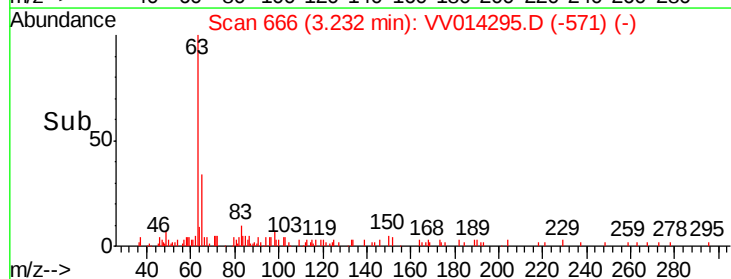
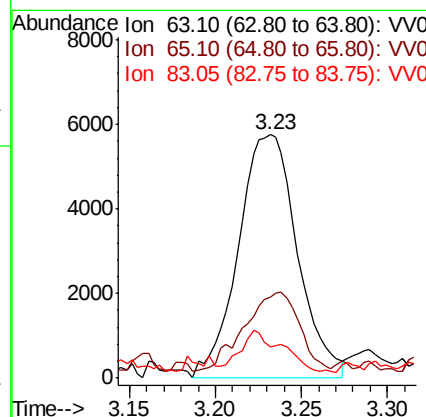
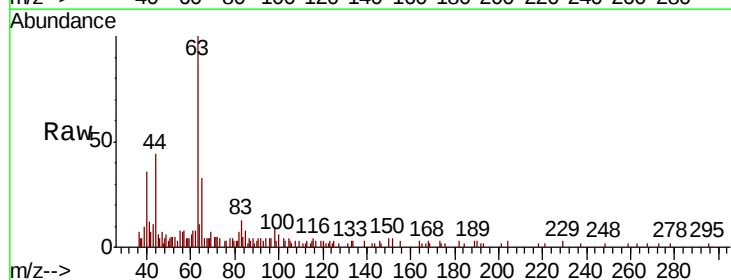
Instrument :
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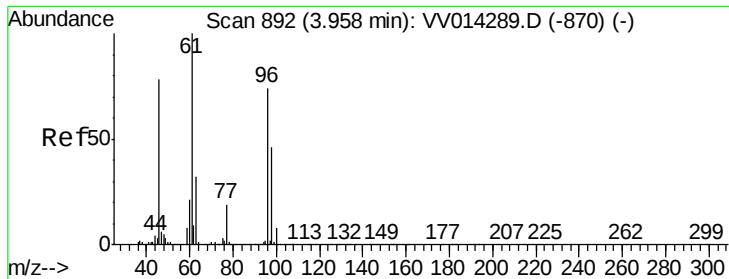
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.3	14.7	22.1#
57	9.0	17.9	26.9#



#19
1,1-Dichloroethane
Concen: 0.112 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.7	42.3
83	13.0	10.0	18.6



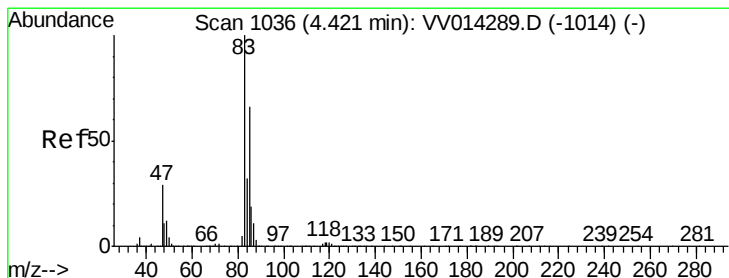
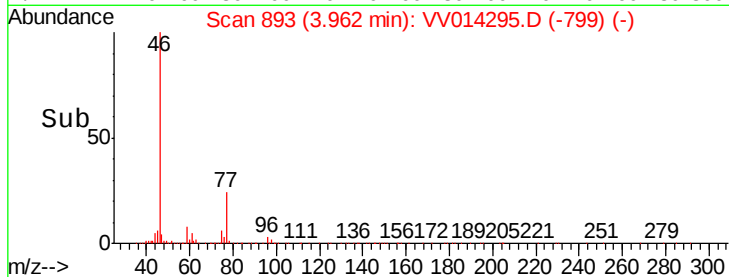
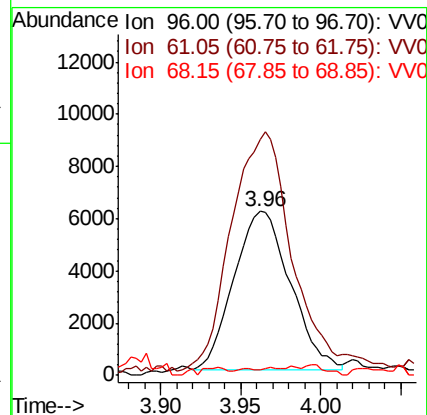
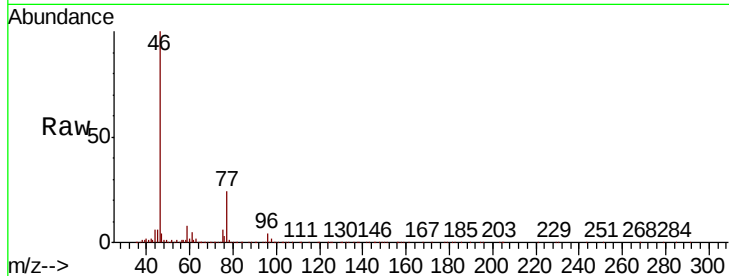


#22

cis-1,2-Dichloroethene
Concen: 0.216 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Instrument :
MSVOA_V
ClientSampleId :

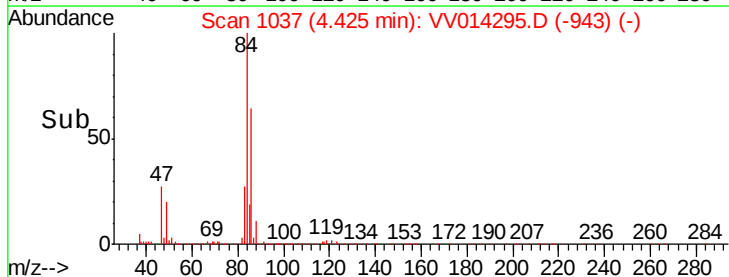
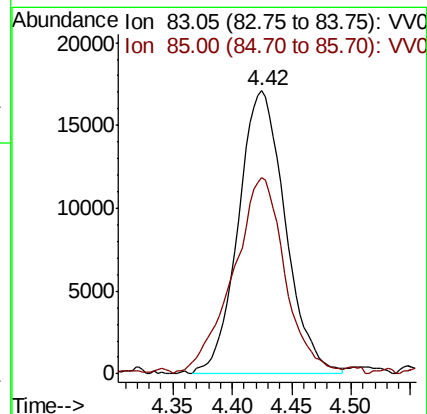
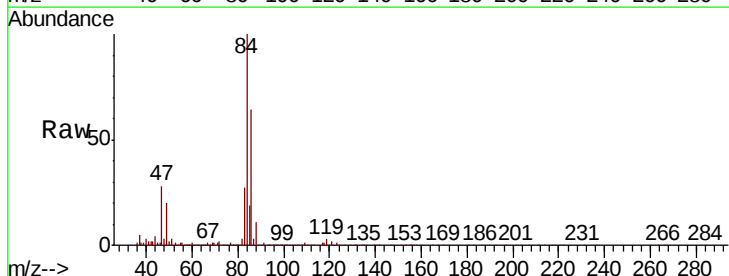
Tot Ion: 96 Resp: 14803
Ion Ratio Lower Upper
96 100
61 144.4 90.6 168.3
68 3.0 0.3 0.7#

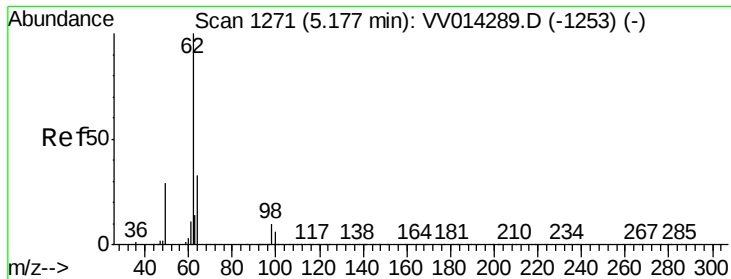


#25

Chloroform
Concen: 0.398 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion: 83 Resp: 46721
Ion Ratio Lower Upper
83 100
85 69.4 46.2 85.8





#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

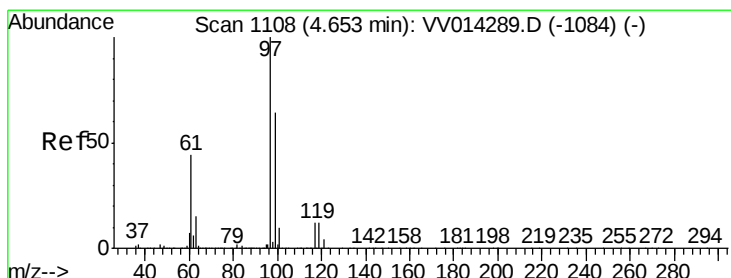
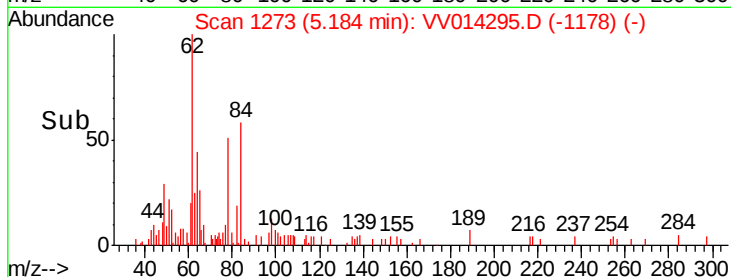
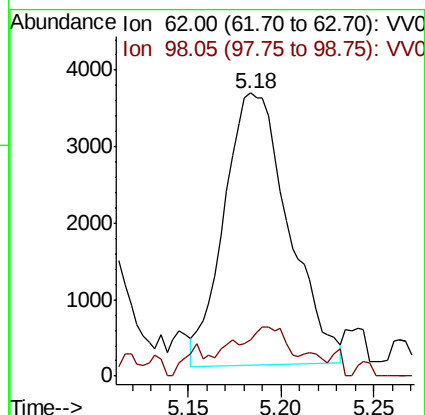
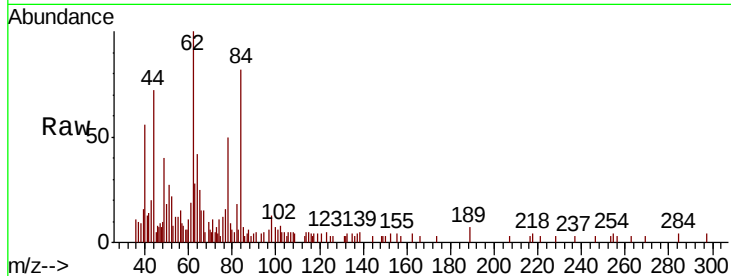
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 8552

Ion Ratio Lower Upper

62 100

98 12.9 9.2 13.8



#29

1,1,1-Trichloroethane

Concen: 0.120 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

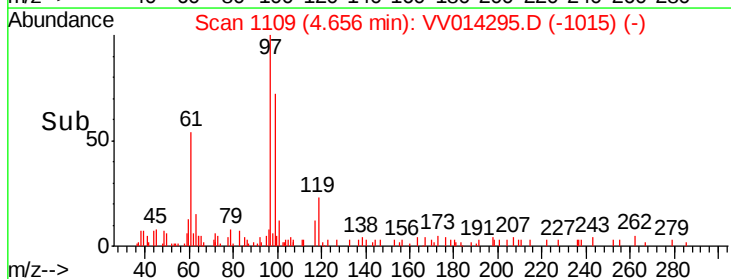
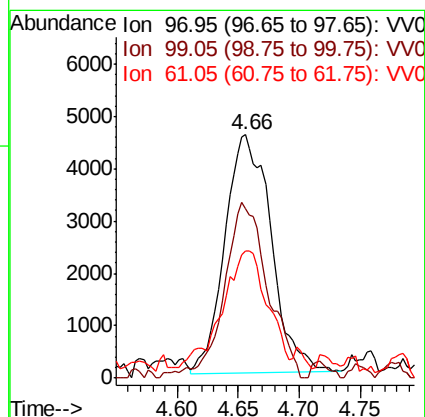
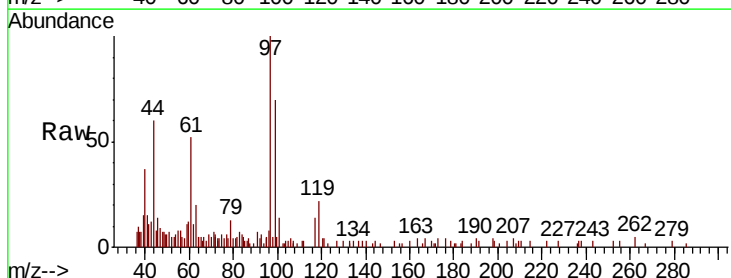
Tgt Ion: 97 Resp: 11942

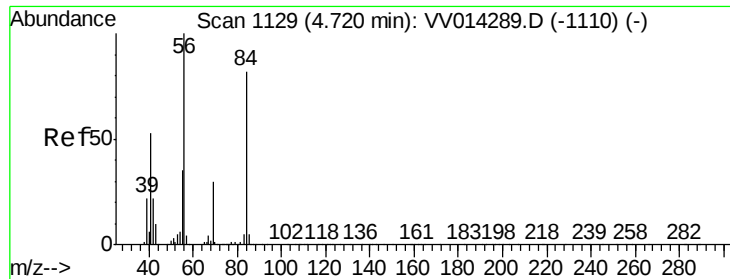
Ion Ratio Lower Upper

97 100

99 70.4 51.1 76.7

61 53.1 33.9 50.9#

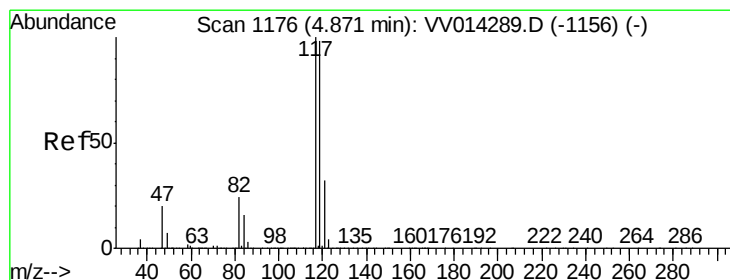
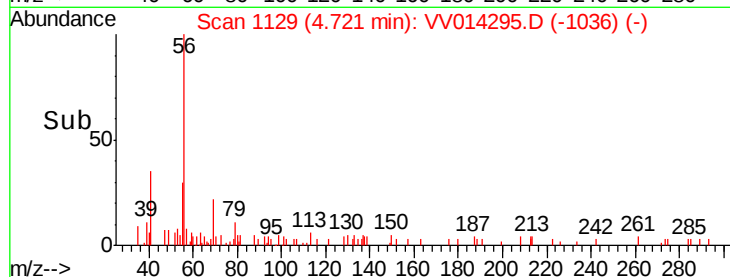
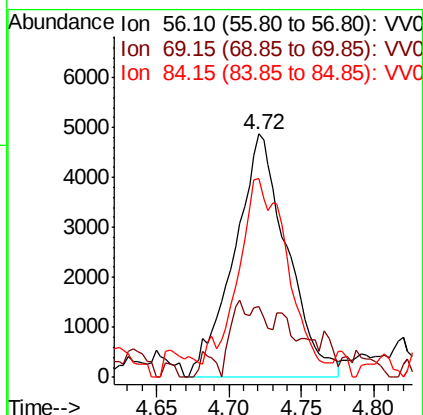
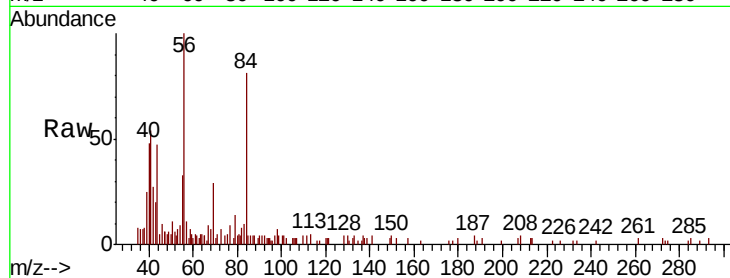




#30
Cyclohexane
Concen: 0.112 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

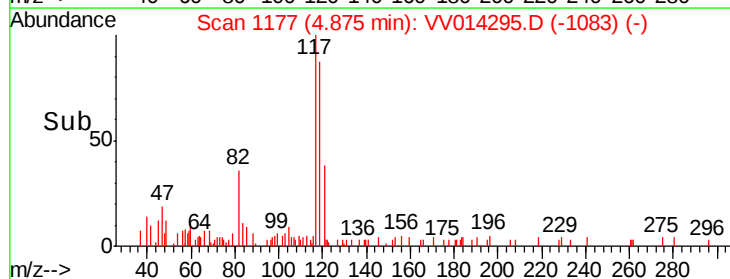
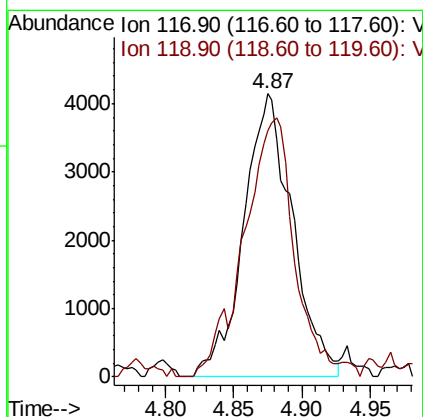
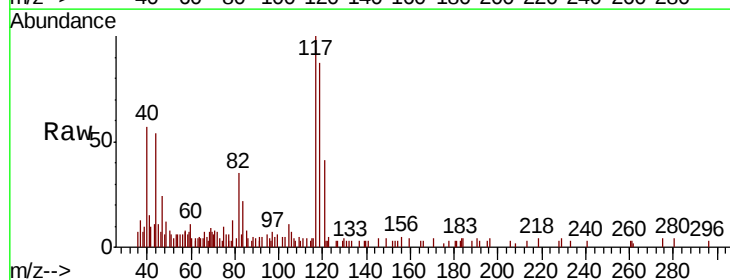
Instrument :
MSVOA_V
ClientSampleId :

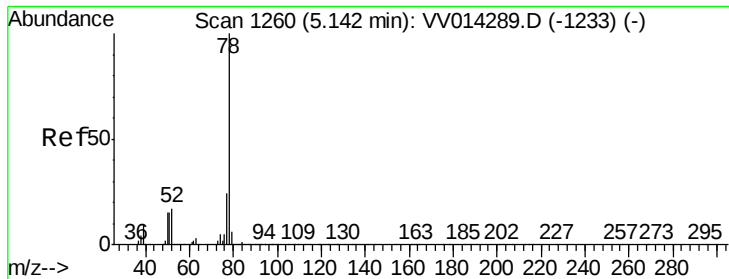
Tot Ion: 56 Resp: 12322
Ion Ratio Lower Upper
56 100
69 10.9 23.9 35.9#
84 64.5 68.9 103.3#



#31
Carbon tetrachloride
Concen: 0.120 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion: 117 Resp: 10285
Ion Ratio Lower Upper
117 100
119 93.9 76.8 115.2





#33

Benzene

Concen: 0.121 ug/L

RT: 5.14 min Scan# 1261

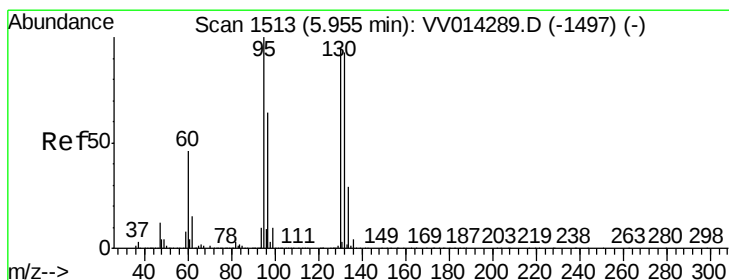
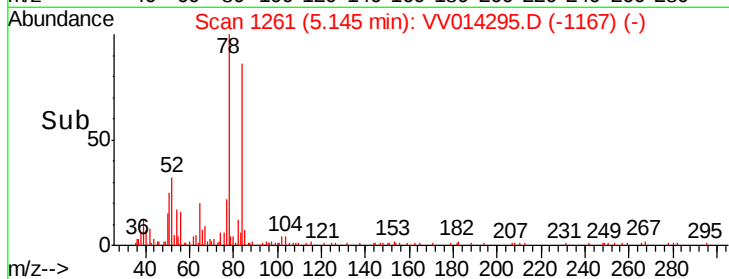
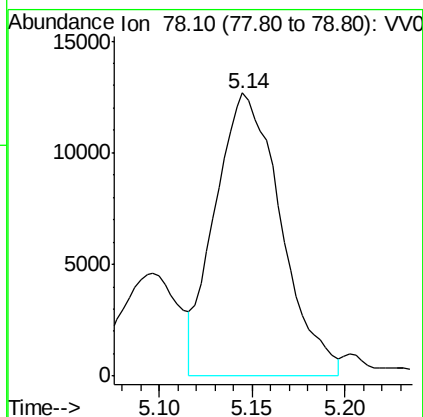
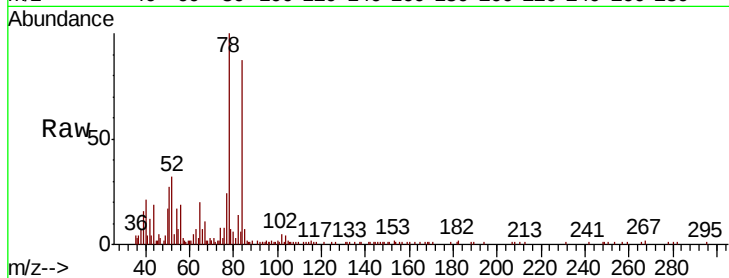
Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 31212



#34

Trichloroethene

Concen: 6.966 ug/L

RT: 5.96 min Scan# 1513

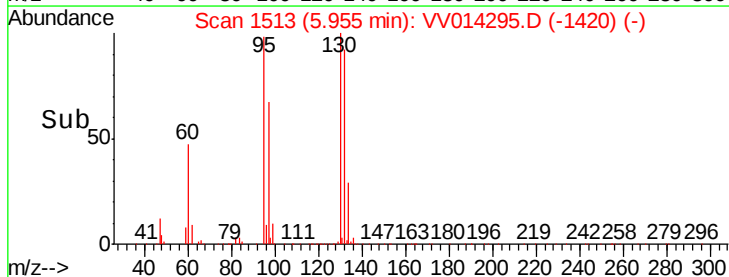
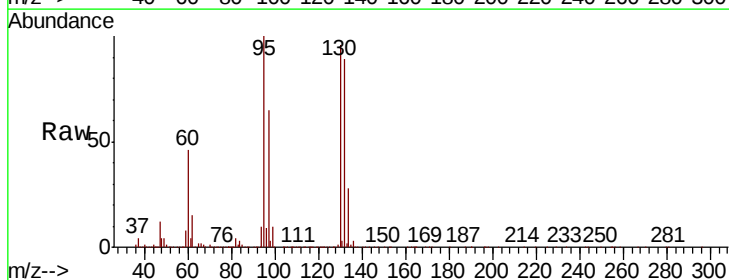
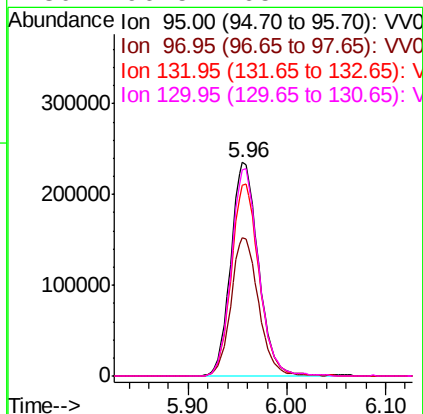
Delta R.T. 0.00 min

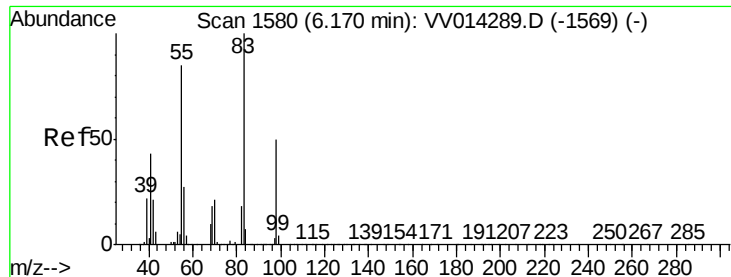
Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

Tgt Ion: 95 Resp: 461942

Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.8	81.3
132	89.2	63.4	117.8
130	96.5	65.7	122.1

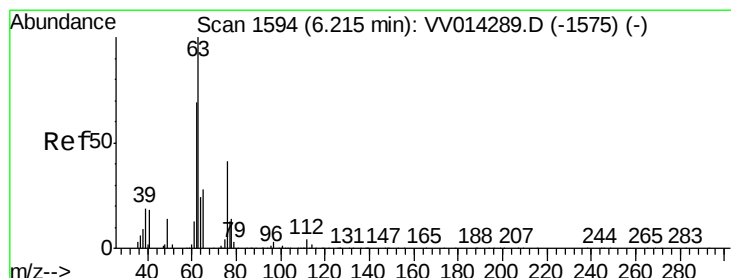
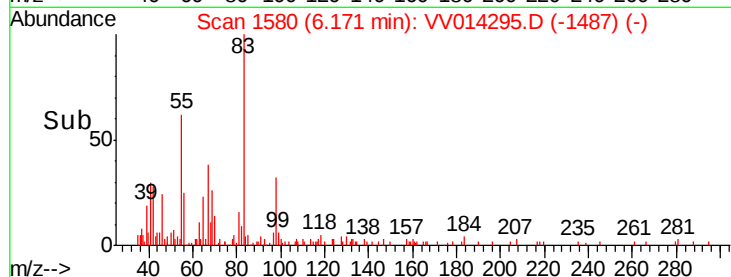
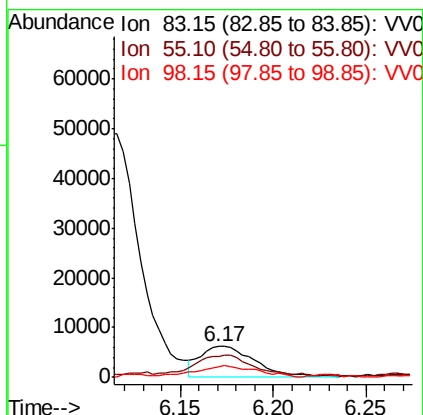
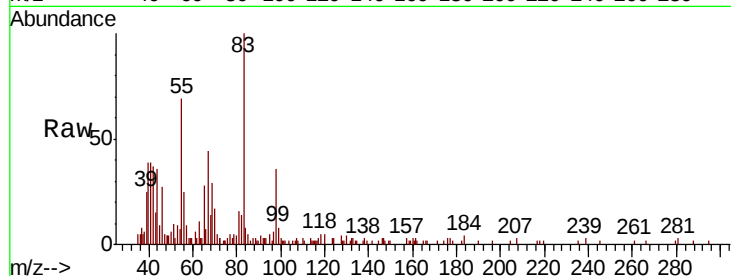




#35
Methvlcvclohexane
Concen: 0.120 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

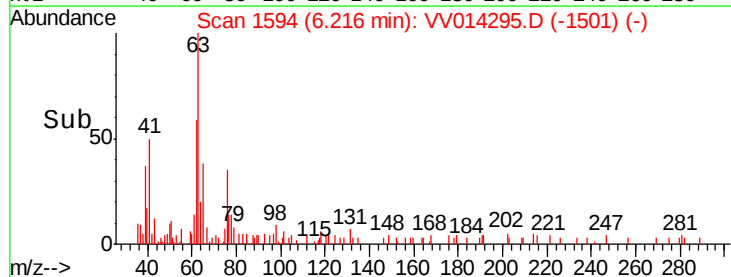
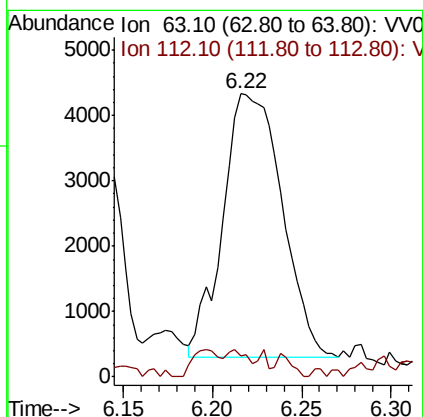
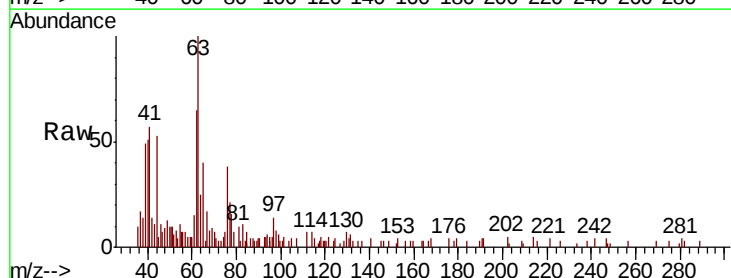
Instrument :
MSVOA_V
ClientSampleId :

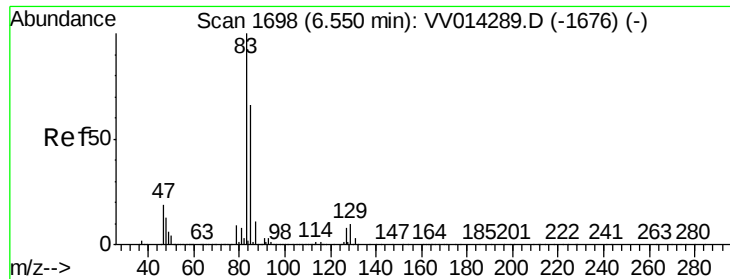
Tot Ion: 83 Resp: 12968
Ion Ratio Lower Upper
83 100
55 71.8 61.7 92.5
98 42.2 38.1 57.1



#37
1,2-Dichloropropane
Concen: 0.143 ug/L
RT: 6.22 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion: 63 Resp: 9313
Ion Ratio Lower Upper
63 100
112 3.4 3.7 5.5#





#38

Bromodichloromethane

Concen: 0.166 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

Instrument :

MSVOA_V

ClientSampleId :

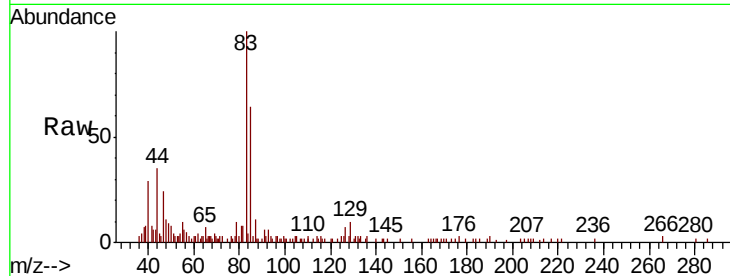
Tot Ion: 83 Resp: 13982

Ion Ratio Lower Upper

83 100

85 63.5 46.4 86.2

127 7.3 6.3 9.5

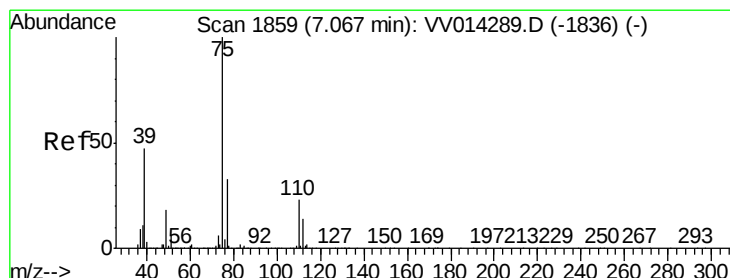
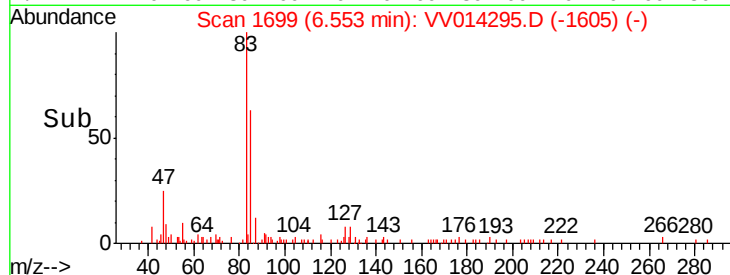


Abundance Ion 82.95 (82.65 to 83.65): VV014289.D (-1676) (-)

Ion 85.00 (84.70 to 85.70): VV014289.D (-1676) (-)

Ion 126.90 (126.60 to 127.60): VV014289.D (-1676) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.153 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV014295.D

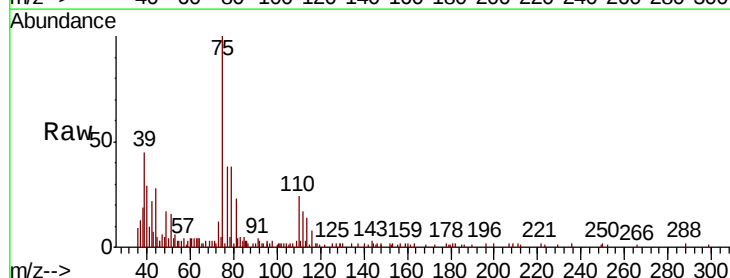
Acq: 14 Jan 2020 14:41

Tgt Ion: 75 Resp: 16119

Ion Ratio Lower Upper

75 100

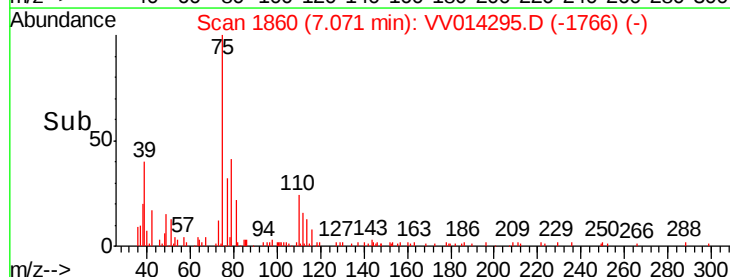
77 38.1 22.4 41.6

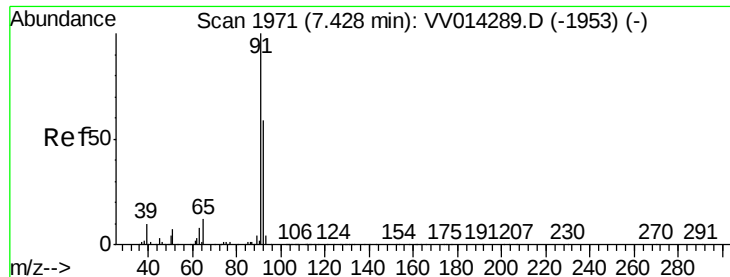


Abundance Ion 75.05 (74.75 to 75.75): VV014289.D (-1836) (-)

Ion 77.05 (76.75 to 77.75): VV014289.D (-1836) (-)

Time-->





#42

Toluene

Concen: 0.178 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

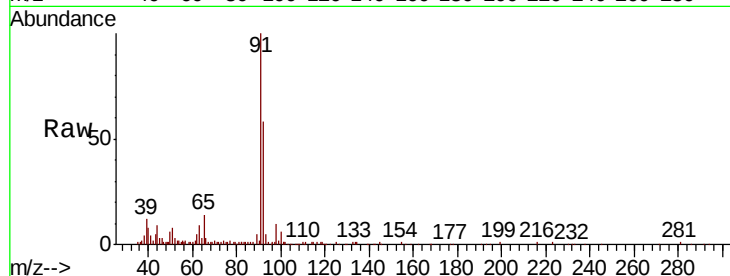
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 48392

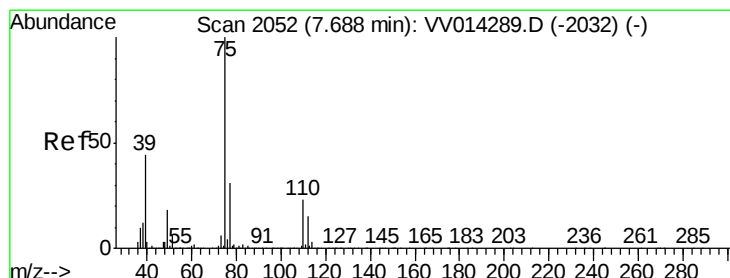
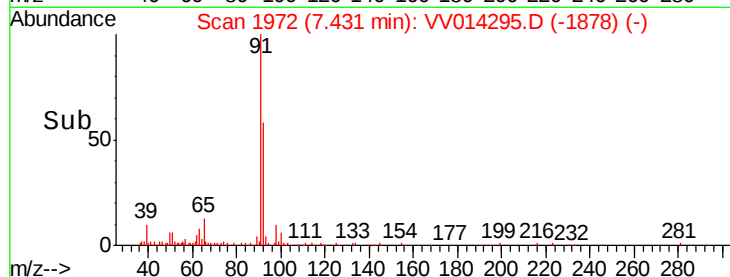
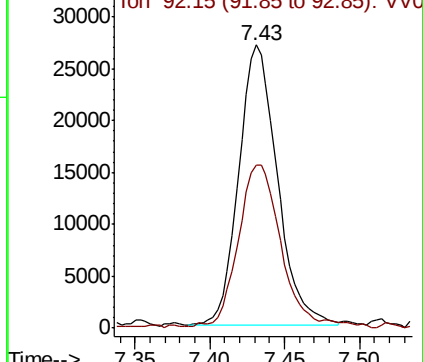
Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV014289.D (-1953) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.159 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VV014295.D

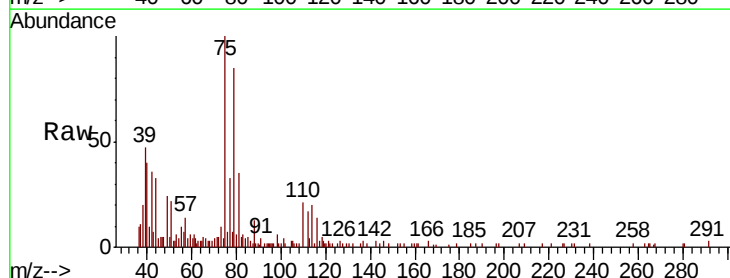
Acq: 14 Jan 2020 14:41

Tgt Ion: 75 Resp: 12909

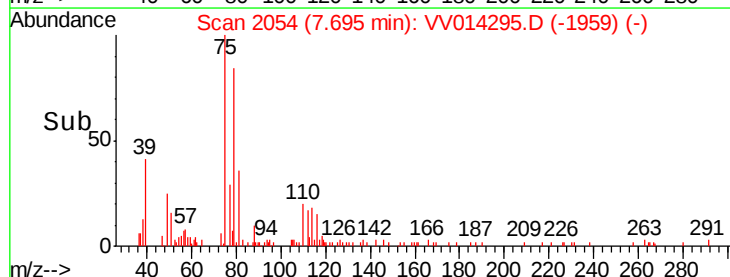
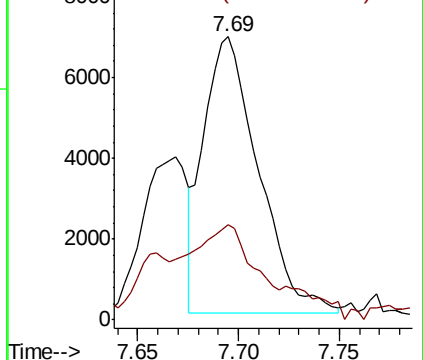
Ion Ratio Lower Upper

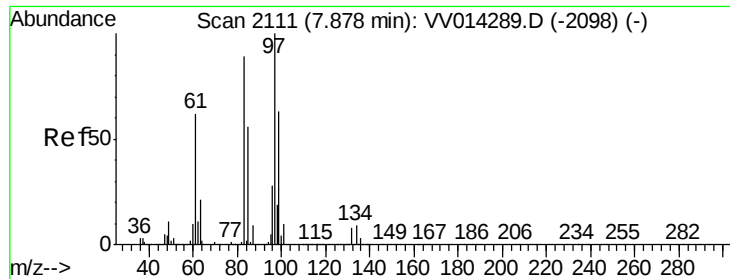
75 100

77 33.5 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VV014289.D (-2032) (-)

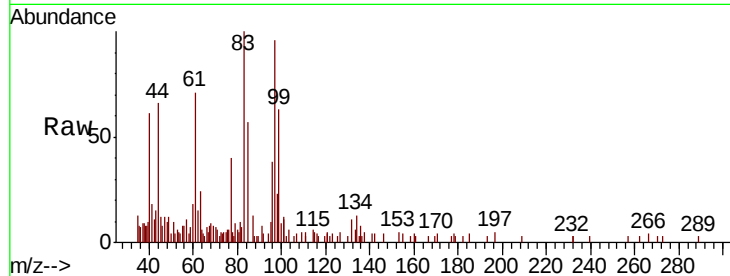




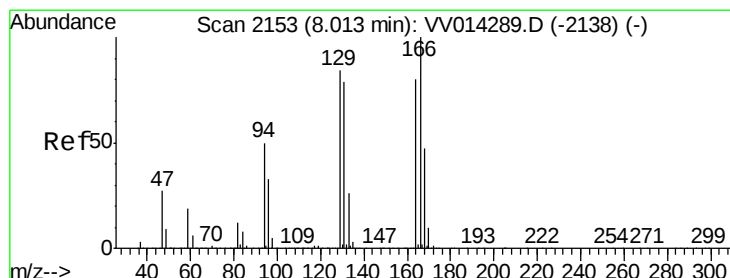
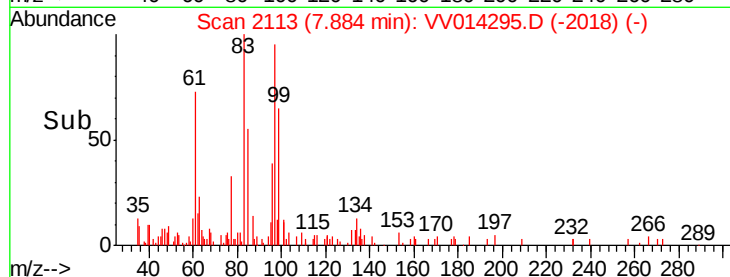
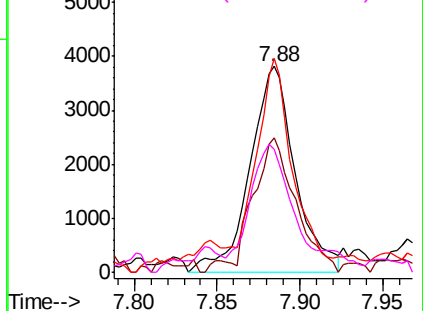
#45
 1,1,2-Trichloroethane
 Concen: 0.174 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	7226
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.7	81.1
83	103.8	60.0	111.4
85	59.6	39.2	72.8

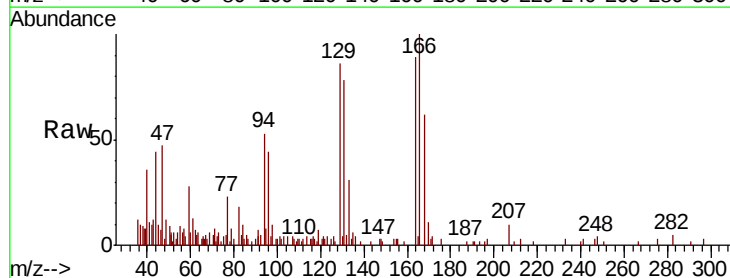


Abundance Ion 96.95 (96.65 to 97.65): VV014295.D (-2098) (-)
 Ion 99.05 (98.75 to 99.75): VV014295.D (-2098) (-)
 Ion 82.95 (82.65 to 83.65): VV014295.D (-2098) (-)
 Ion 85.00 (84.70 to 85.70): VV014295.D (-2098) (-)

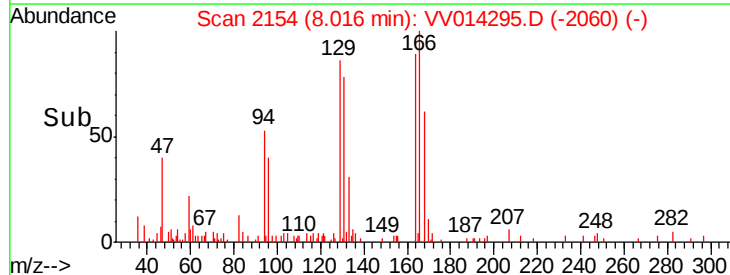
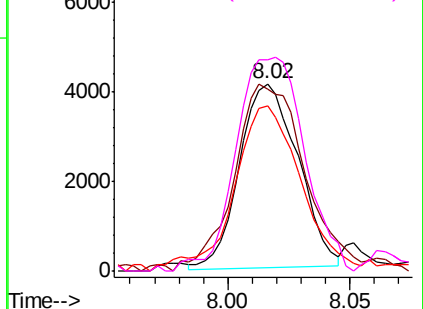


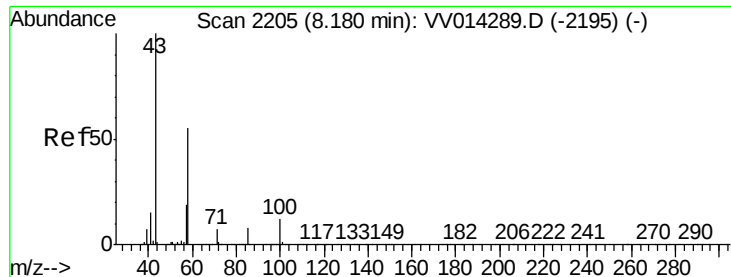
#47
 Tetrachloroethene
 Concen: 0.150 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Tgt Ion:	164	Resp:	6814
Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.7	133.3
131	87.9	70.4	130.8
166	112.9	90.3	167.7



Abundance Ion 163.90 (163.60 to 164.60): VV014295.D (-2060) (-)
 Ion 128.95 (128.65 to 129.65): VV014295.D (-2060) (-)
 Ion 130.95 (130.65 to 131.65): VV014295.D (-2060) (-)
 Ion 165.90 (165.60 to 166.60): VV014295.D (-2060) (-)

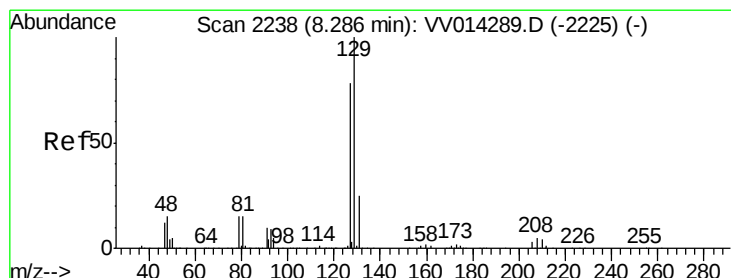
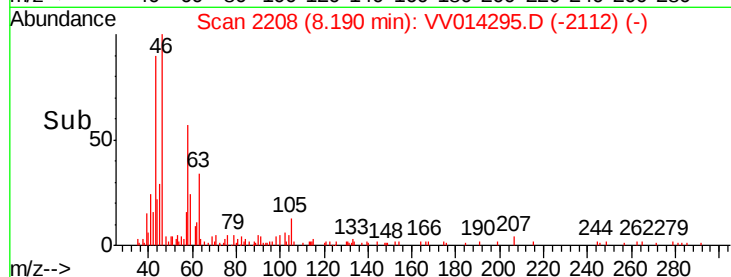
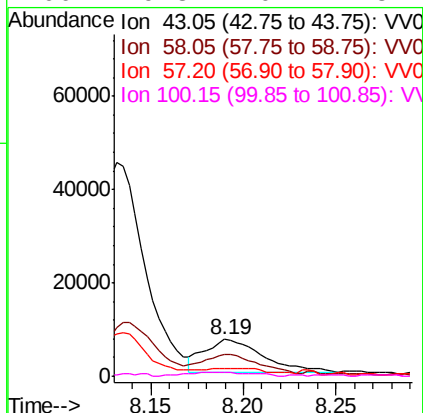
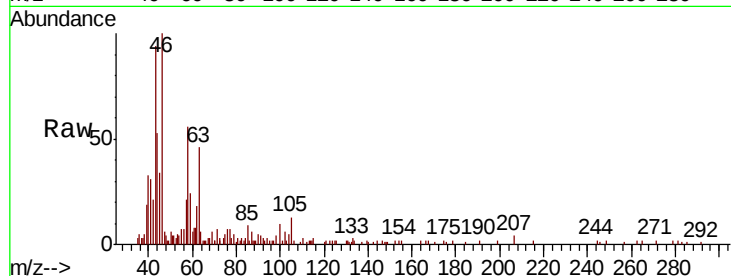




#48
2-Hexanone
Concen: 0.554 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

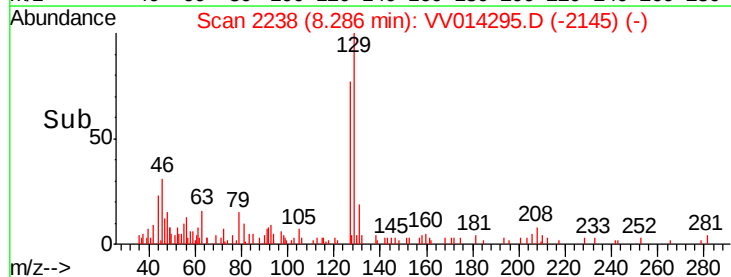
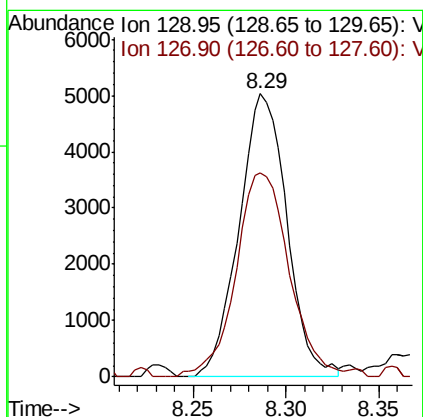
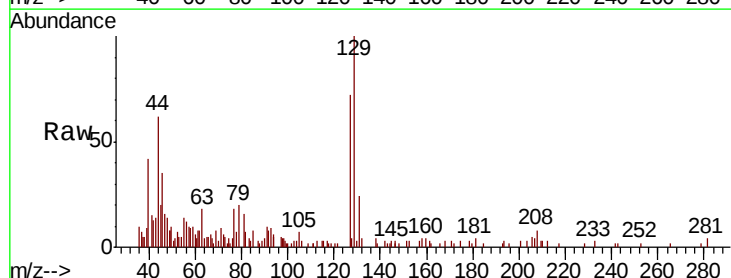
Instrument :
MSVOA_V
ClientSampleId :

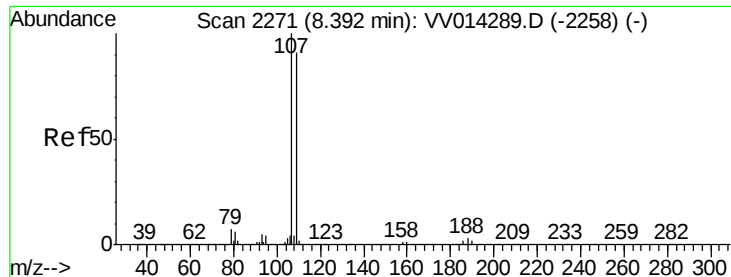
Tot Ion: 43 Resp: 15737
Ion Ratio Lower Upper
43 100
58 55.6 45.4 68.0
57 17.5 15.8 23.8
100 9.8 10.2 15.4#



#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion: 129 Resp: 9044
Ion Ratio Lower Upper
129 100
127 72.3 55.7 103.5

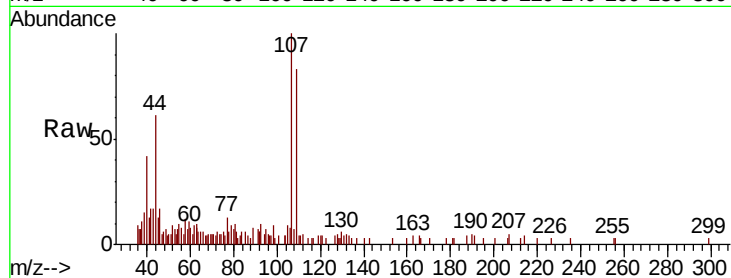




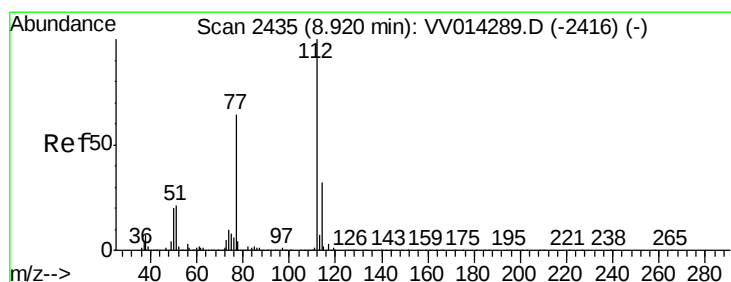
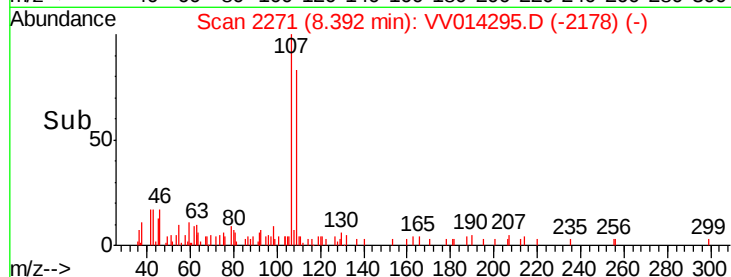
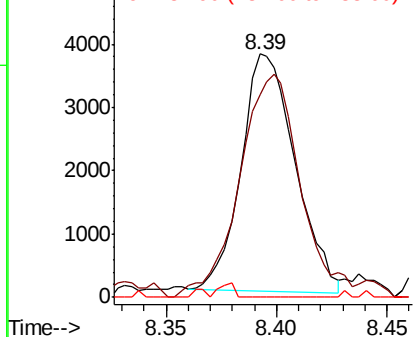
#50
1,2-Dibromoethane
Concen: 0.158 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 6373
Ion Ratio Lower Upper
107 100
109 83.5 63.0 117.0
188 0.0 3.0 4.4#

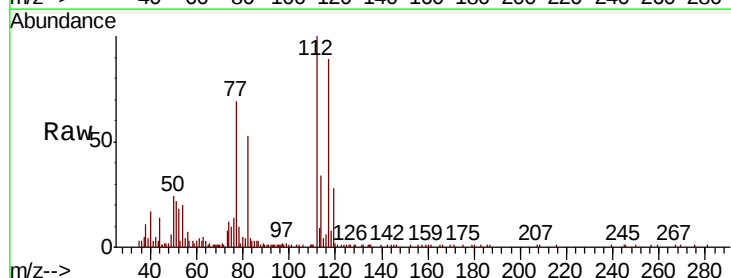


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

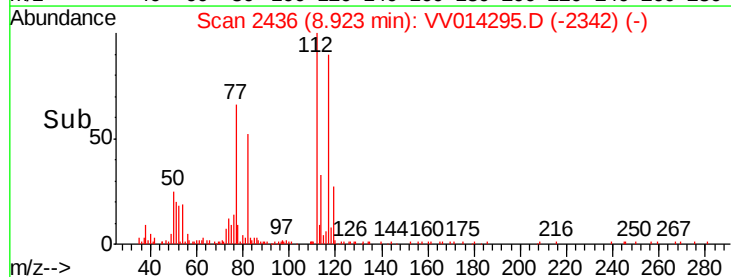
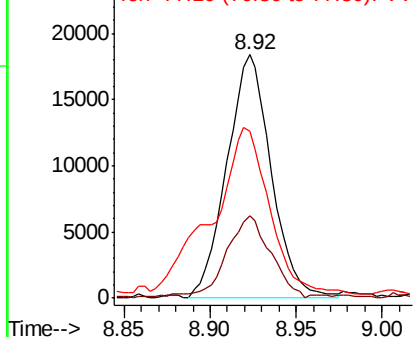


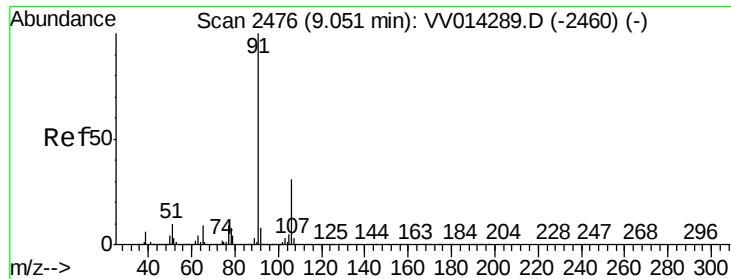
#51
Chlorobenzene
Concen: 0.197 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion:112 Resp: 33012
Ion Ratio Lower Upper
112 100
114 33.7 22.5 41.7
77 68.5 49.3 73.9



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): V





#52

Ethylbenzene

Concen: 0.215 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

Instrument :

MSVOA_V

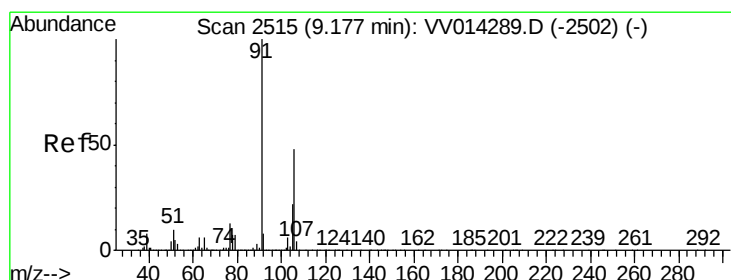
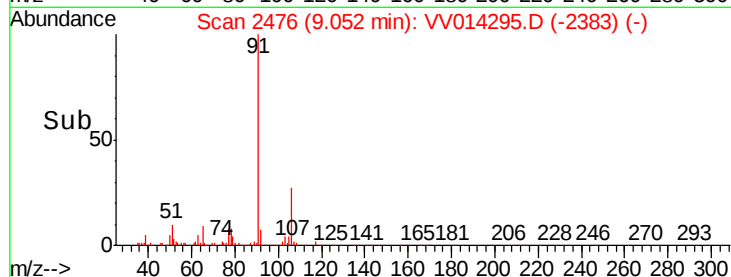
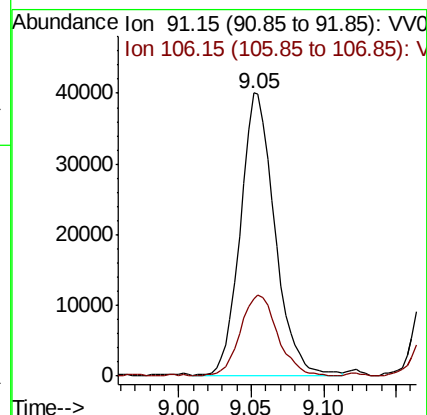
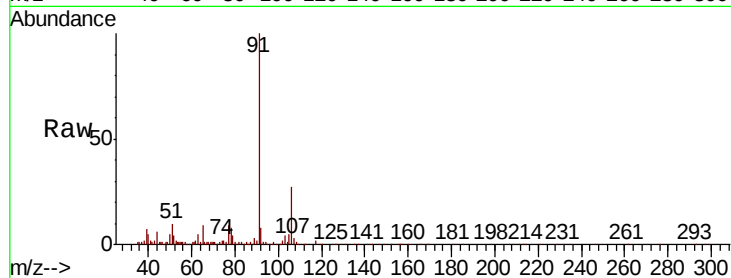
ClientSampleId :

Tot Ion: 91 Resp: 65632

Ion Ratio Lower Upper

91 100

106 27.3 21.6 40.0



#53

m,p-xylene

Concen: 0.210 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014295.D

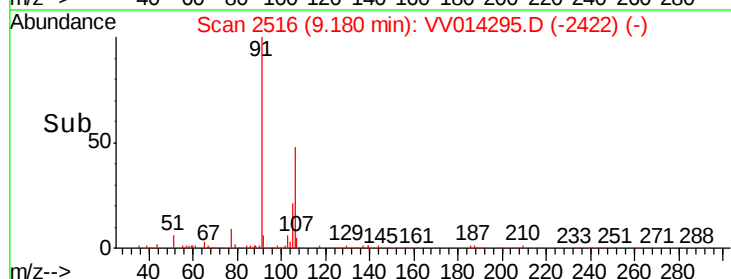
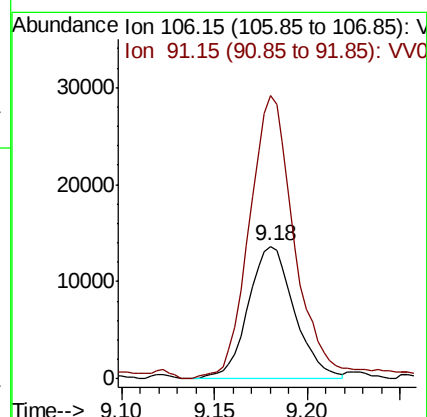
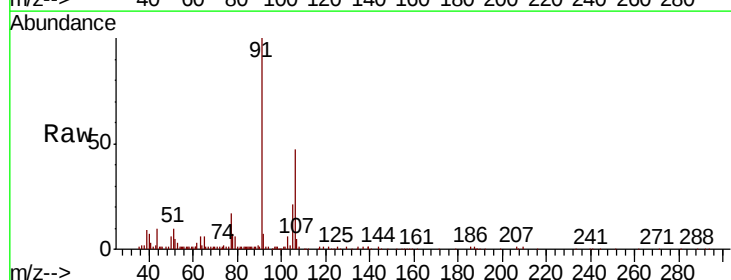
Acq: 14 Jan 2020 14:41

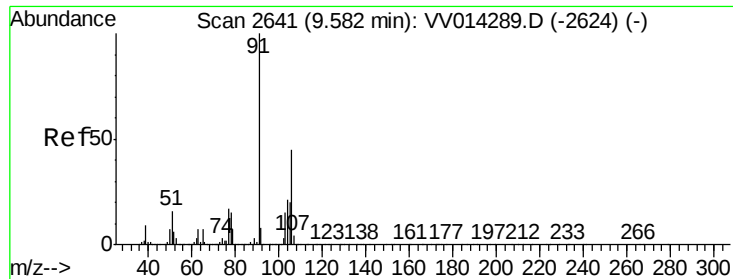
Tgt Ion: 106 Resp: 23643

Ion Ratio Lower Upper

106 100

91 213.8 146.8 272.6

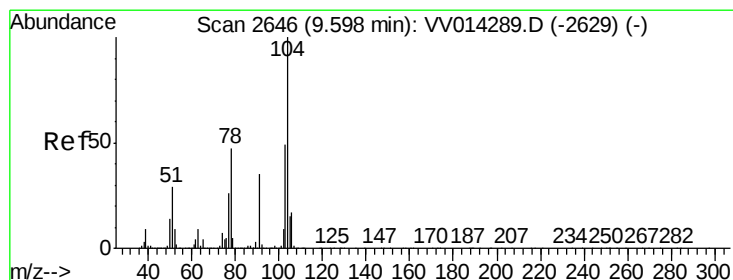
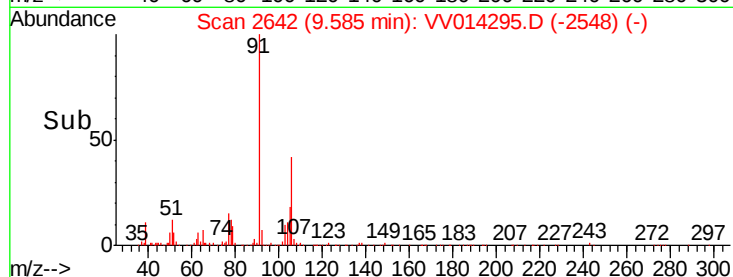
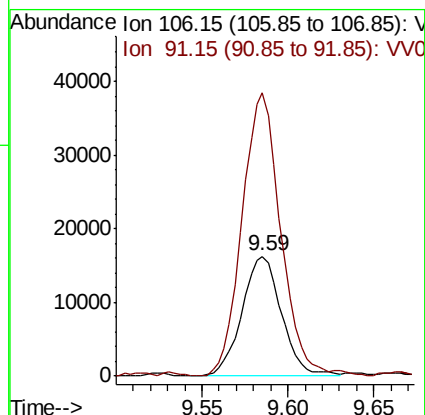
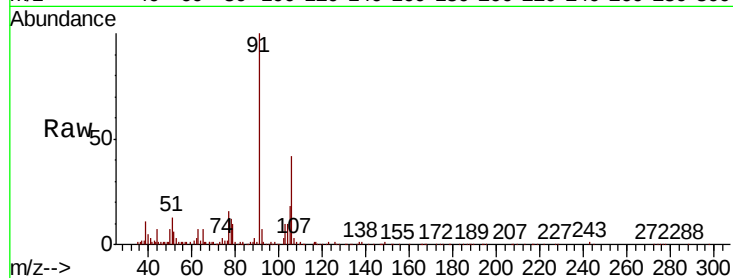




#54
o-xylene
Concen: 0.236 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

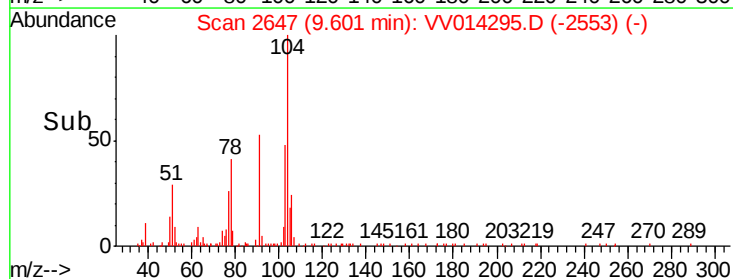
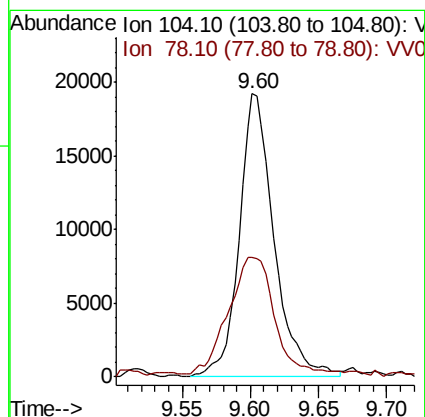
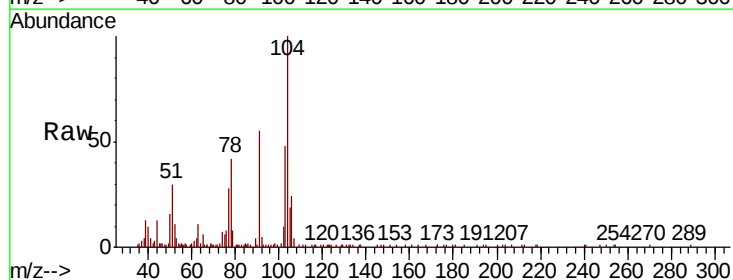
Instrument :
MSVOA_V
ClientSampleId :

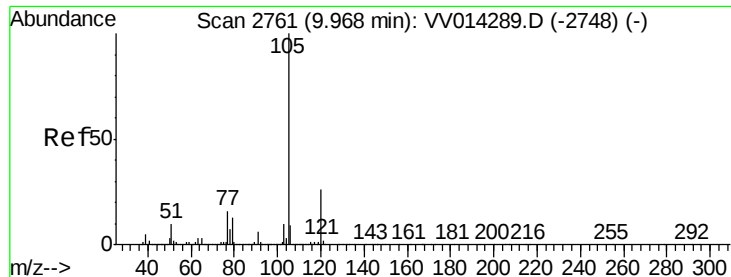
Tot Ion:106 Resp: 26070
Ion Ratio Lower Upper
106 100
91 235.7 150.9 280.3



#55
Styrene
Concen: 0.181 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion:104 Resp: 33946
Ion Ratio Lower Upper
104 100
78 42.3 31.7 58.9





#56

Isopropylbenzene

Concen: 0.174 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

Instrument :

MSVOA_V

ClientSampleId :

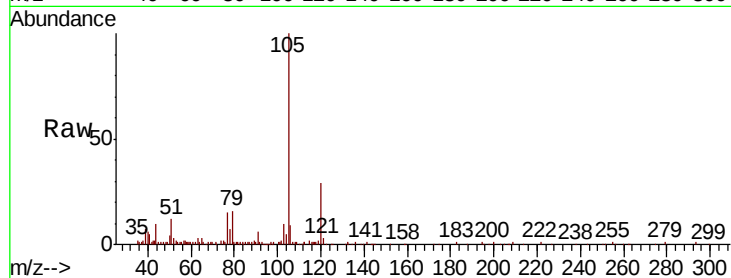
Tot Ion:105 Resp: 50094

Ion Ratio Lower Upper

105 100

120 28.0 21.0 31.4

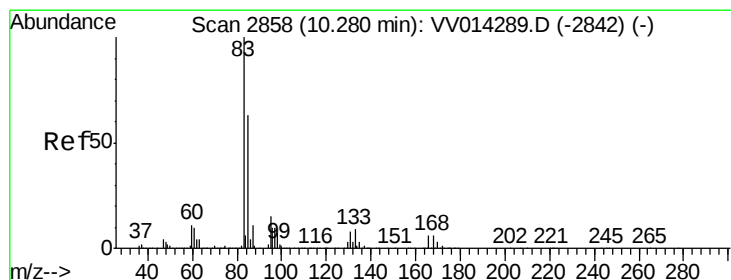
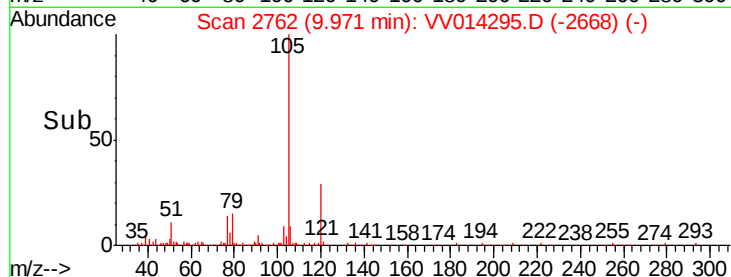
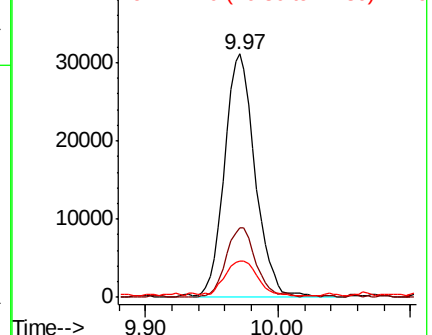
77 14.9 12.5 18.7



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



#58

1,1,2,2-Tetrachloroethane

Concen: 0.202 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

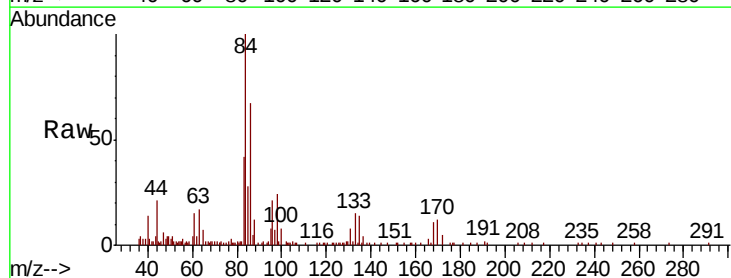
Tgt Ion: 83 Resp: 10382

Ion Ratio Lower Upper

83 100

85 67.0 45.9 85.3

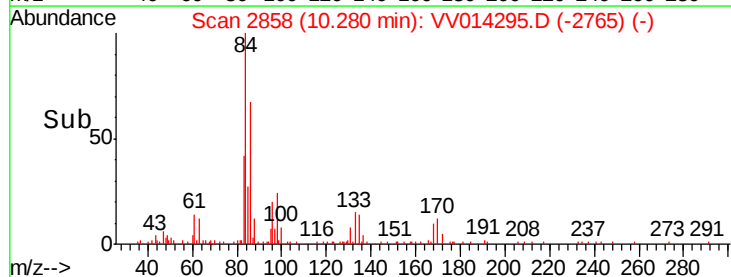
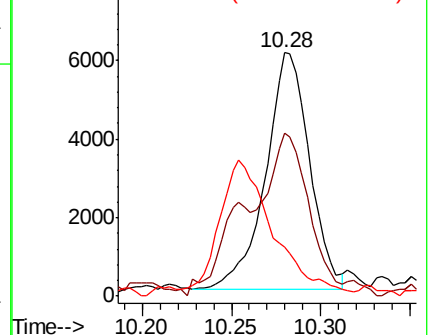
131 20.1 7.8 11.8#

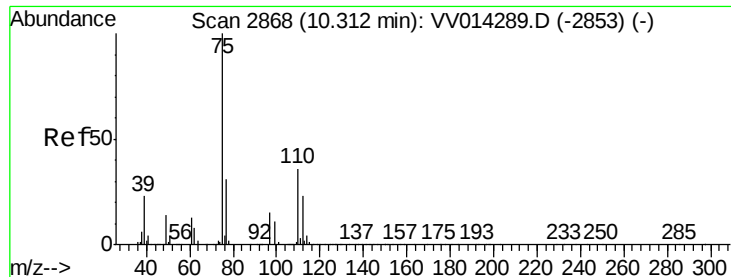


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

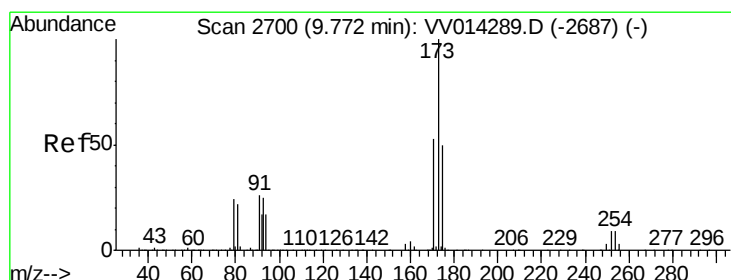
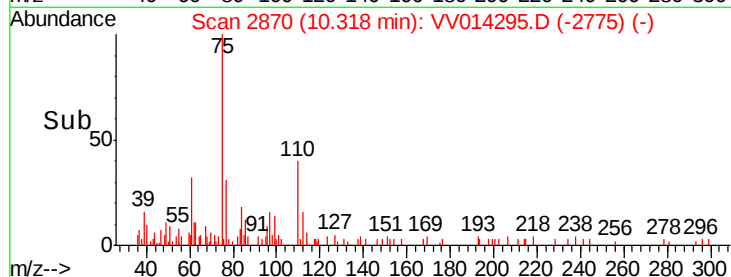
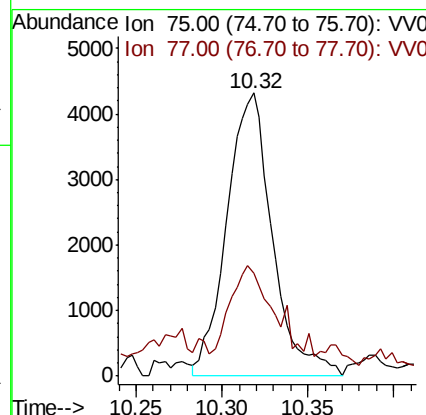
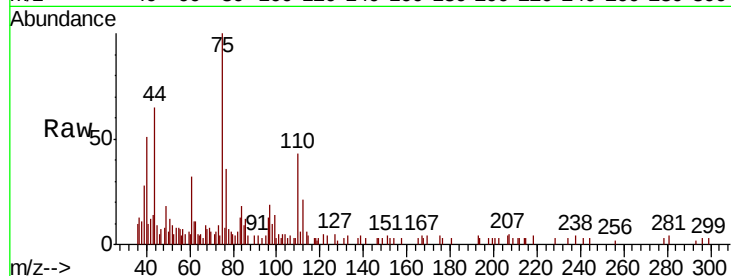




#59
1,2,3-Trichloropropane
Concen: 0.206 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.01 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

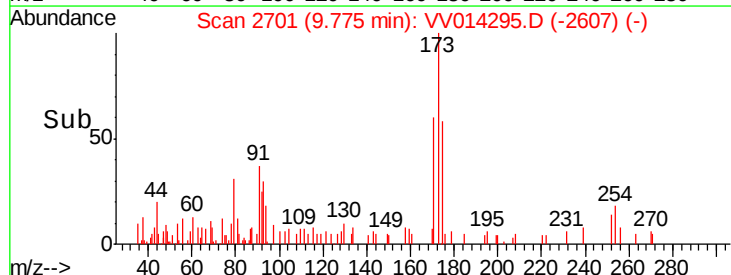
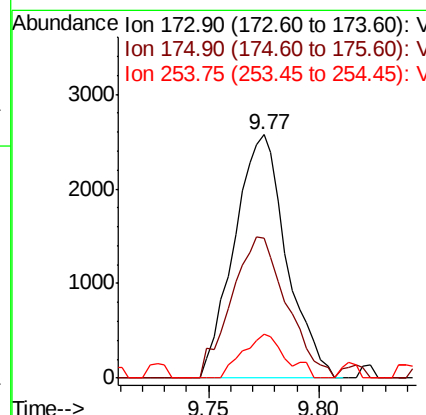
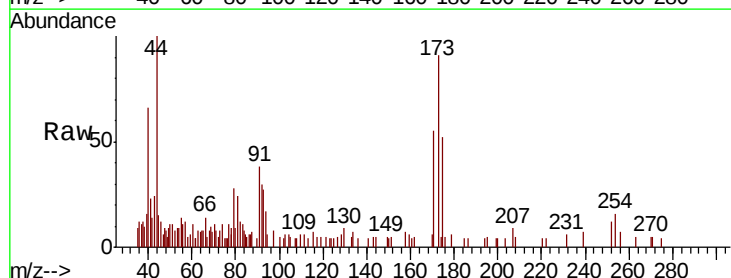
Instrument :
MSVOA_V
ClientSampled :

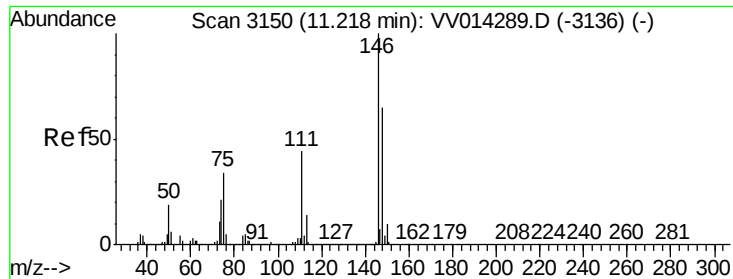
Tot Ion: 75 Resp: 8004
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5



#61
Bromoform
Concen: 0.158 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Tgt Ion: 173 Resp: 4224
Ion Ratio Lower Upper
173 100
175 61.2 37.9 56.9#
254 14.8 7.6 11.4#

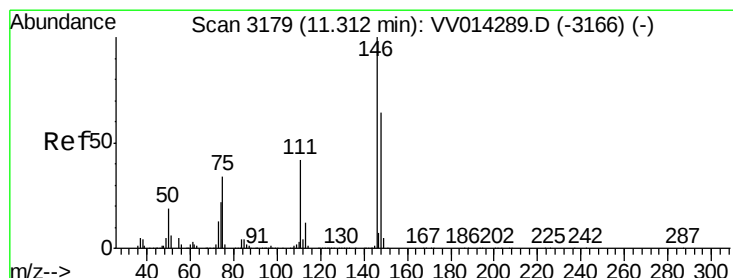
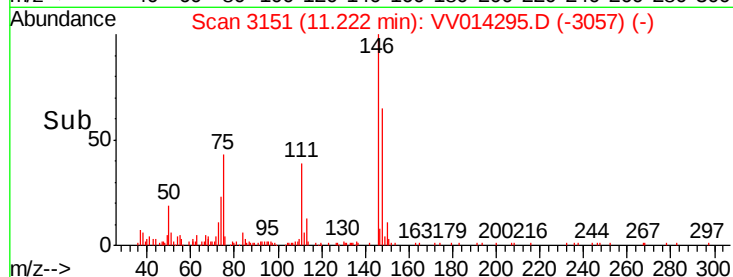
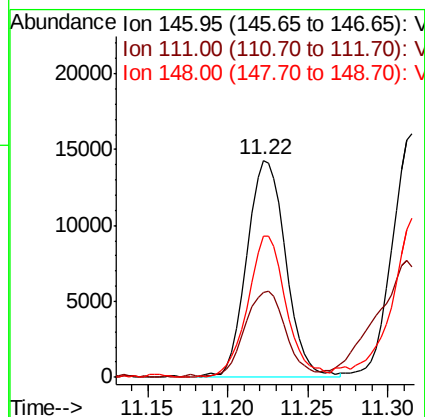
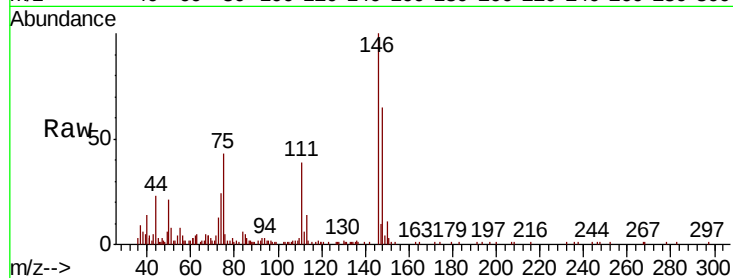




#62
 1,3-Dichlorobenzene
 Concen: 0.192 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

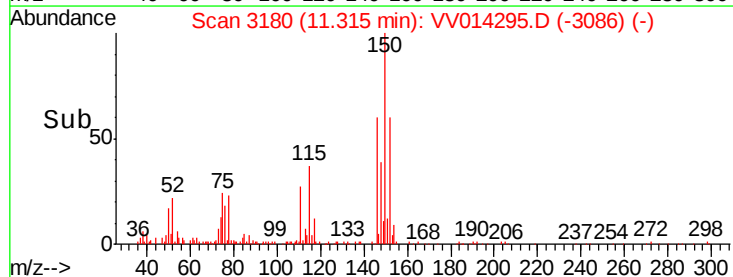
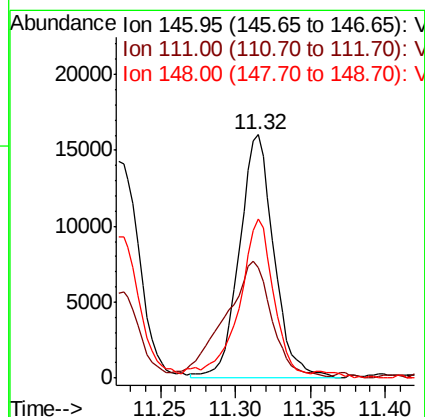
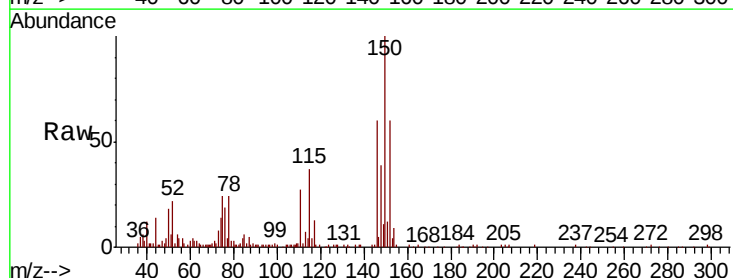
Instrument :
 MSVOA_V
 ClientSampleId :

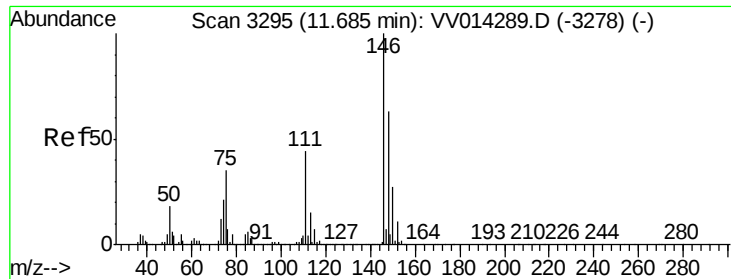
Tot Ion:146 Resp: 23760
 Ion Ratio Lower Upper
 146 100
 111 39.3 30.7 57.1
 148 65.1 44.4 82.5



#63
 1,4-Dichlorobenzene
 Concen: 0.210 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Tgt Ion:146 Resp: 25828
 Ion Ratio Lower Upper
 146 100
 111 45.2 28.8 53.4
 148 65.2 44.5 82.7

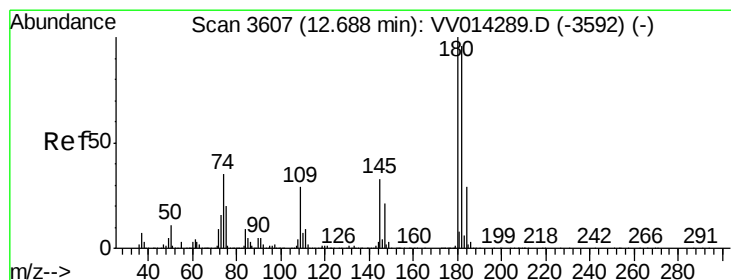
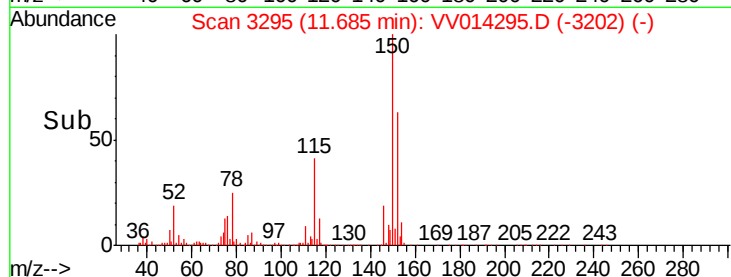
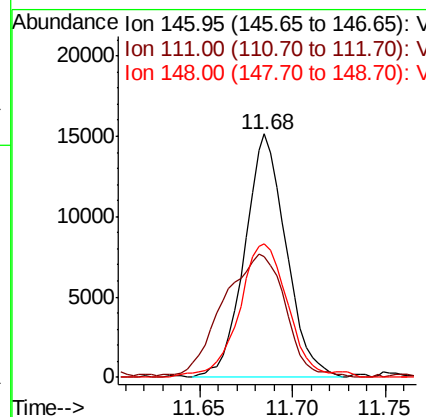
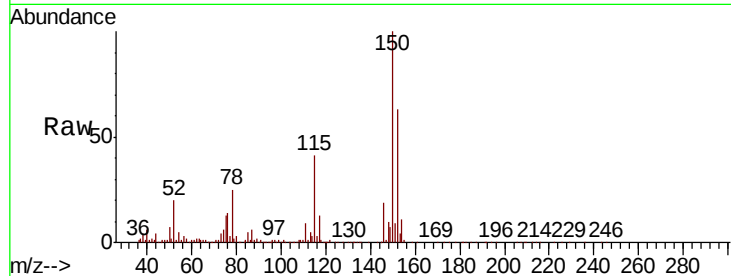




#65
 1,2-Dichlorobenzene
 Concen: 0.210 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

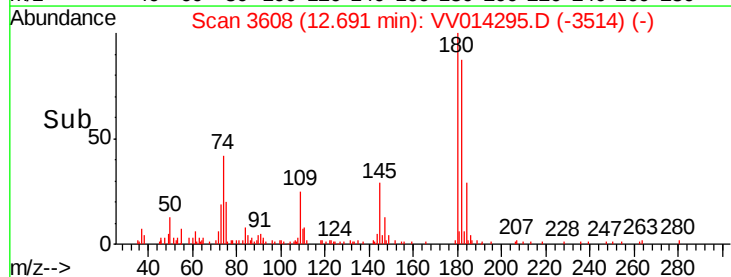
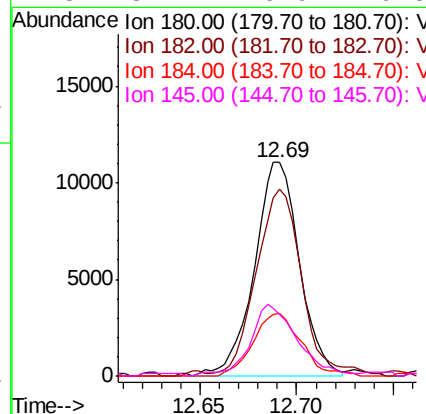
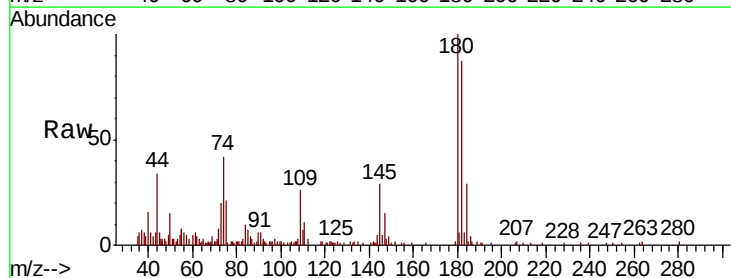
Instrument :
 MSVOA_V
 ClientSampleId :

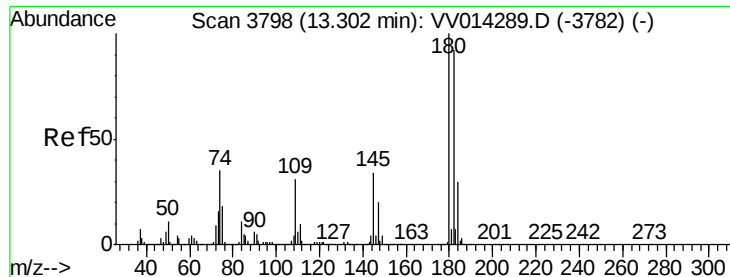
Tot Ion	Ratio	Lower	Upper
146	100		
111	49.4	36.4	54.6
148	54.7	51.3	76.9



#67
 1,3,5-Trichlorobenzene
 Concen: 0.199 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.4	77.2	115.8
184	31.0	24.6	36.8
145	34.7	26.9	40.3

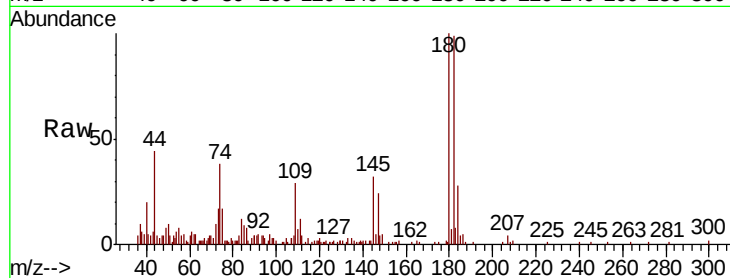




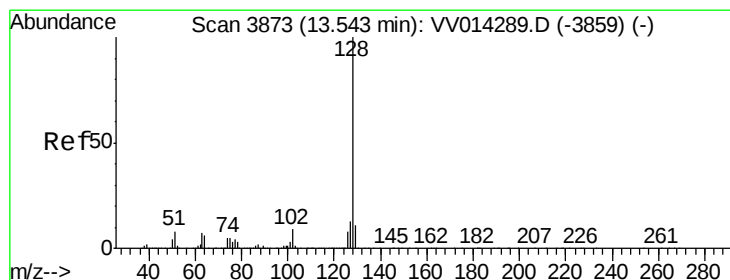
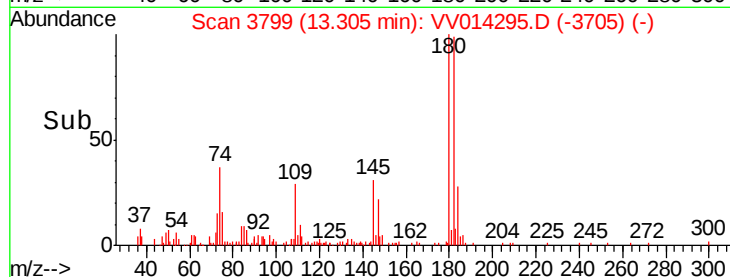
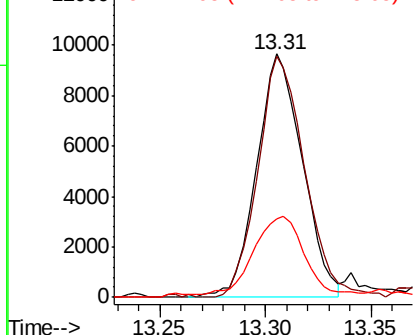
#68
 1,2,4-trichlorobenzene
 Concen: 0.185 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.3	75.2	112.8
145	37.8	26.2	39.4

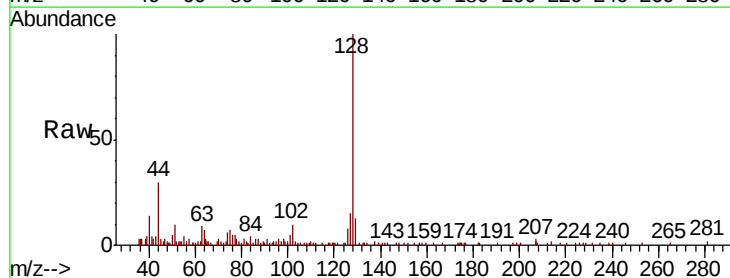


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

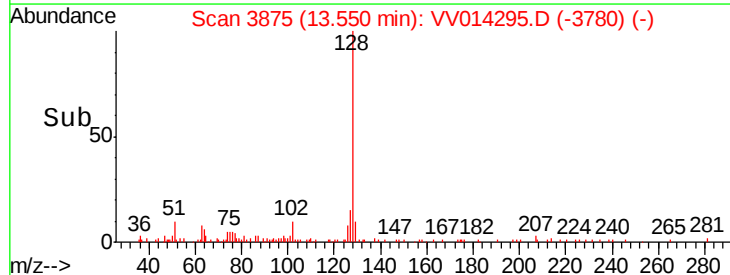
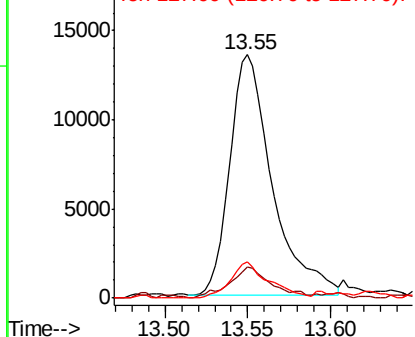


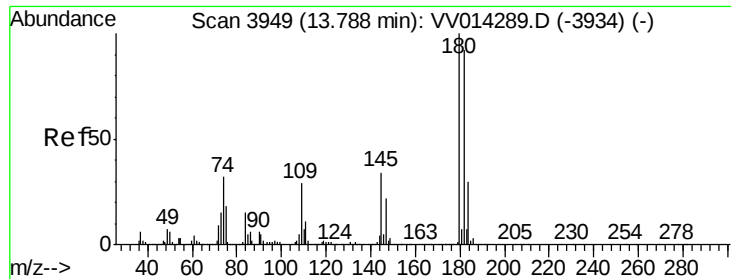
#69
 Naphthalene
 Concen: 0.150 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.01 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.6	13.0
127	13.5	10.2	15.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

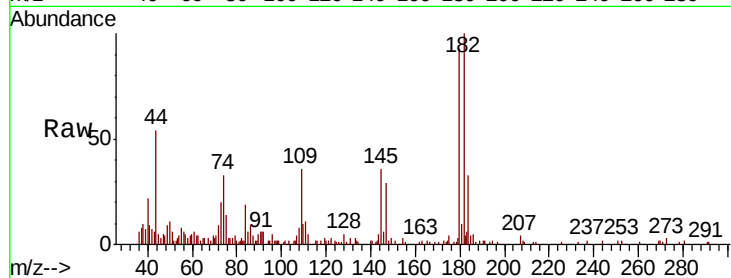




#70
 1,2,3-Trichlorobenzene
 Concen: 0.197 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	111.5	74.8	112.2
145	40.6	29.0	43.6



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

