

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 :
 GASC8DL

Quant Time: Jan 14 23:00:45 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

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
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
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

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

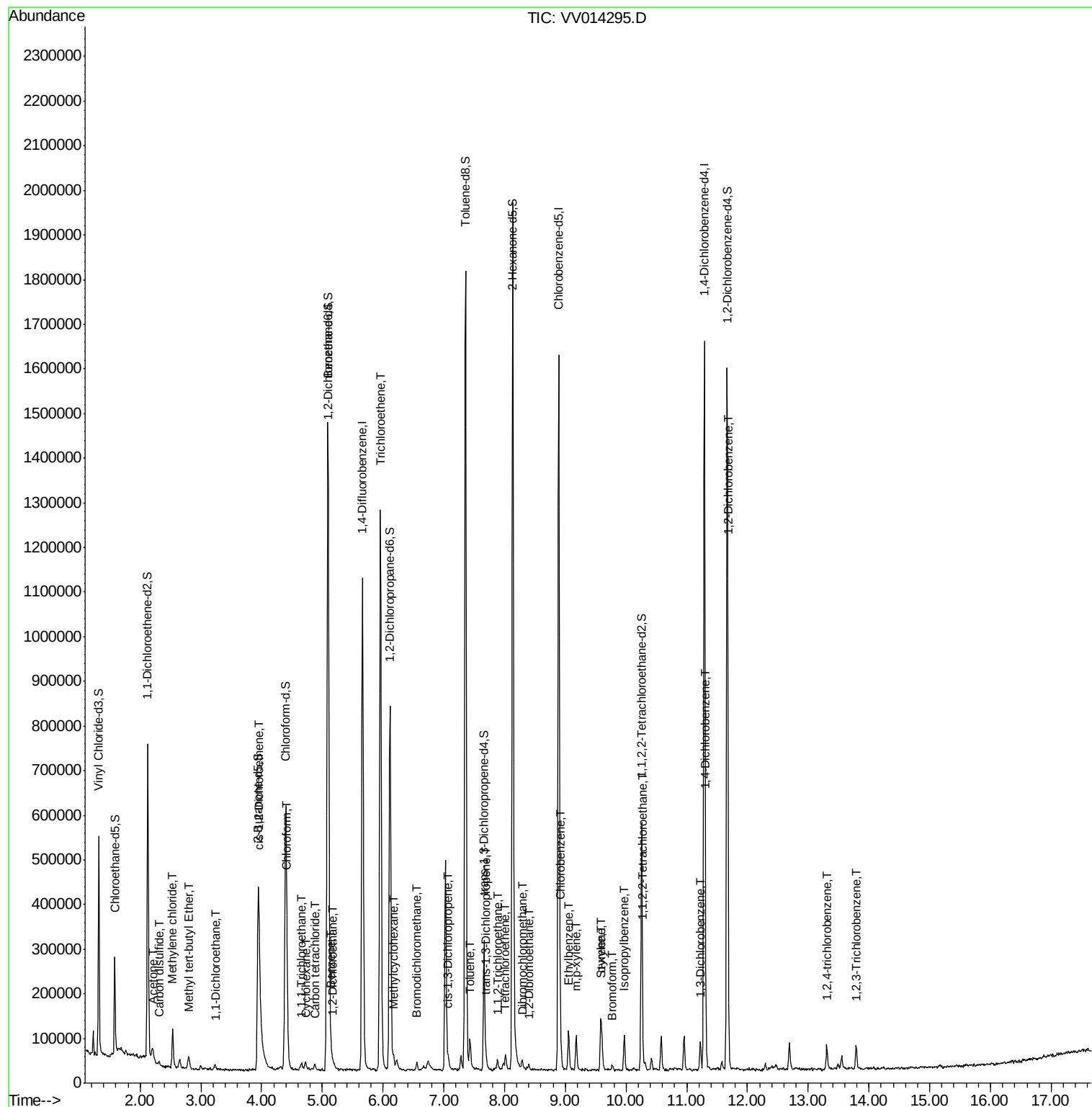
44) trans-1,3-Dichloropropene	7.69	75	12909	0.159	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	7226	0.174	ug/L	89
47) Tetrachloroethene	8.02	164	6814	0.150	ug/L	89
49) Dibromochloromethane	8.29	129	9044	0.172	ug/L	92
50) 1,2-Dibromoethane	8.39	107	6373	0.158	ug/L #	93
51) Chlorobenzene	8.92	112	33012	0.197	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
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
68) 1,2,4-trichlorobenzene	13.31	180	14600	0.185	ug/L	92
70) 1,2,3-Trichlorobenzene	13.79	180	13659	0.197	ug/L	85

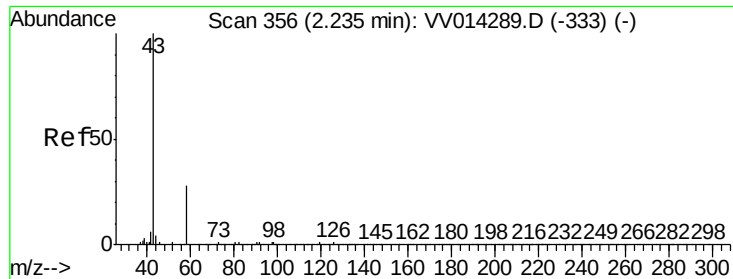
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

Instrument :

MSVOA_V

ClientSampleId :

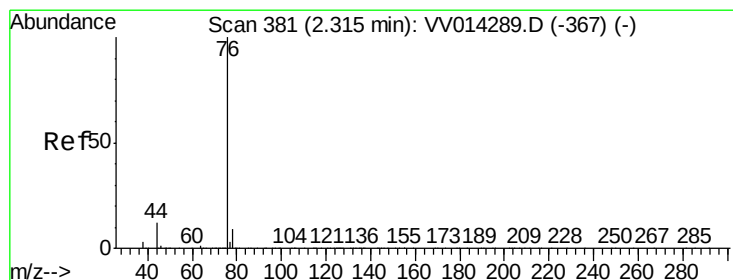
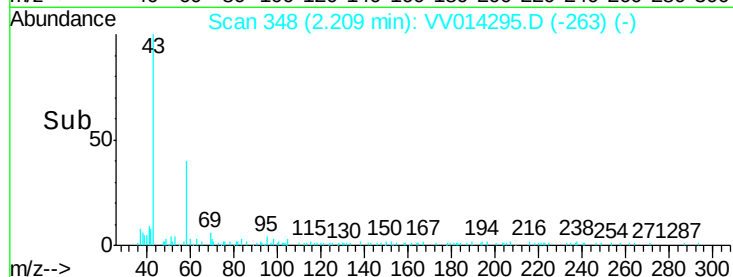
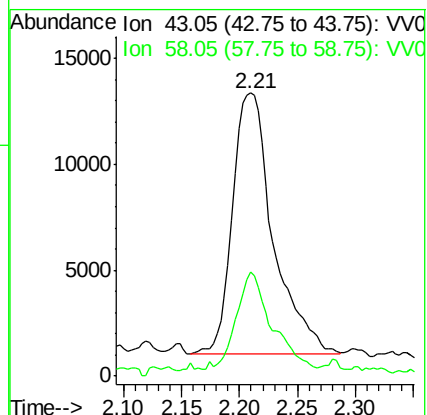
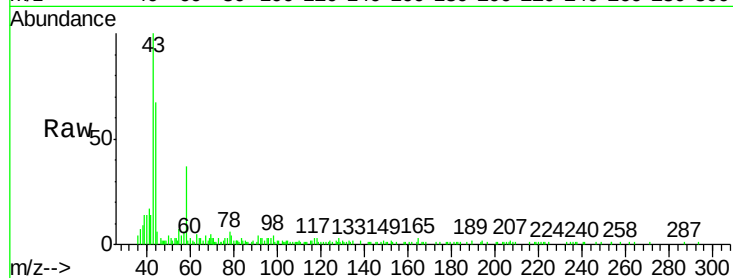
GASC8DL

Tot 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

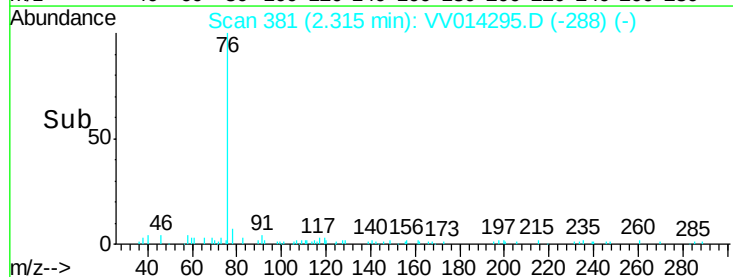
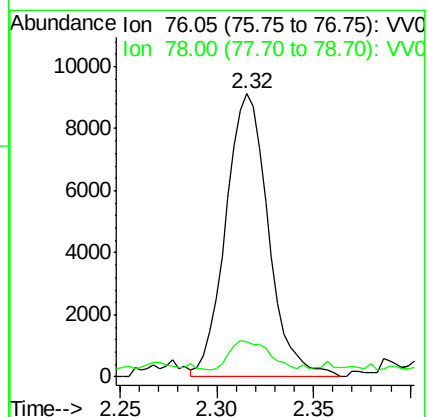
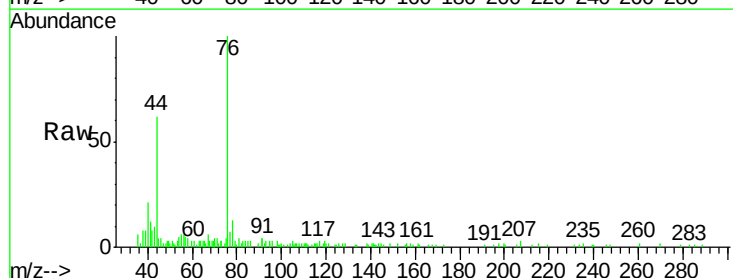
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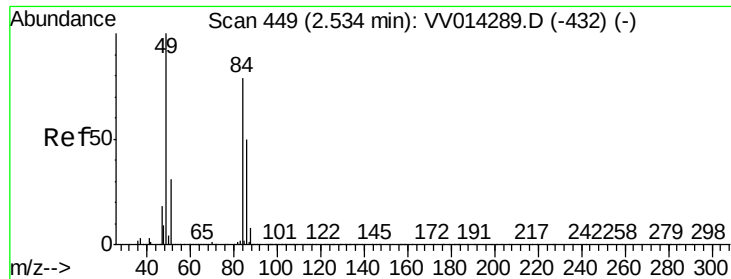
Tgt Ion: 76 Resp: 13979

Ion Ratio Lower Upper

76 100

78 12.6 7.5 11.3#

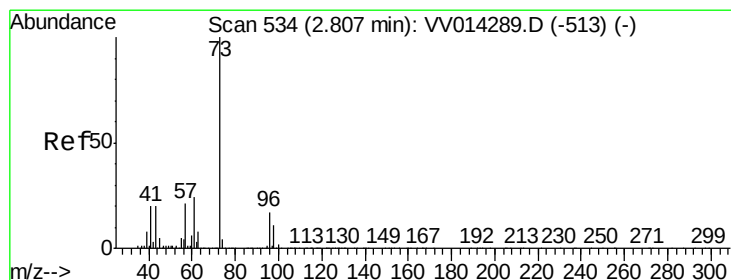
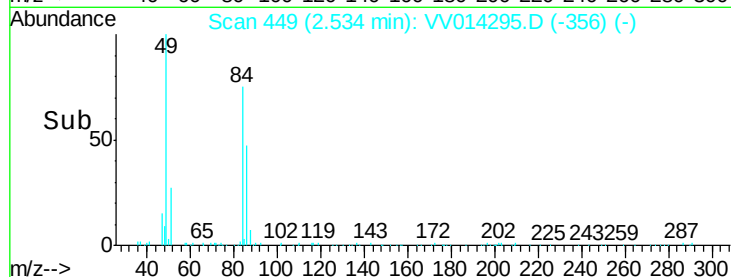
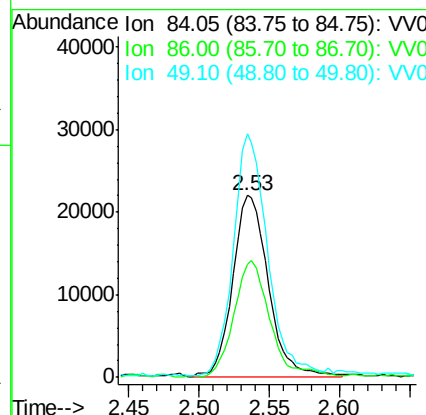
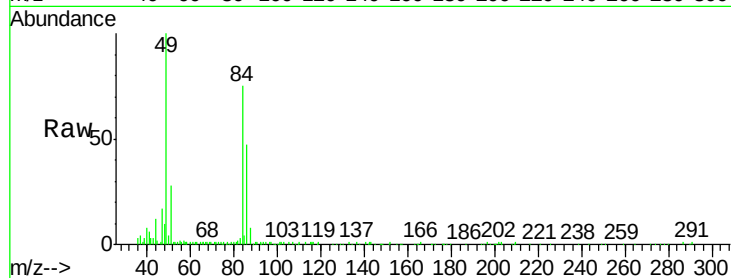




#16
Methylene chloride
Concen: 0.581 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

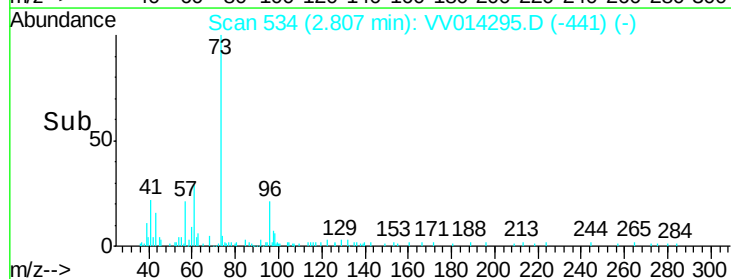
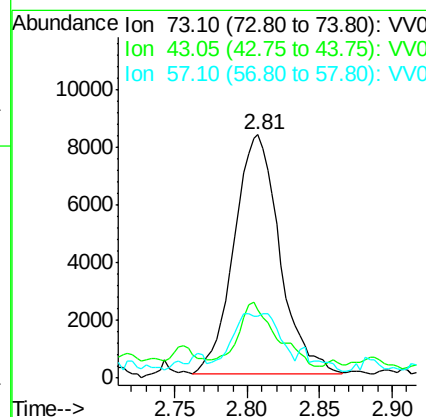
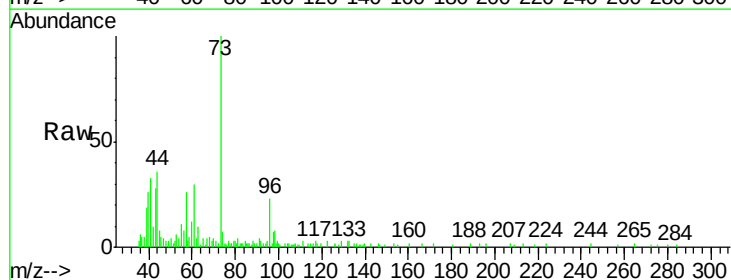
Instrument :
MSVOA_V
ClientSampleId :
GASC8DL

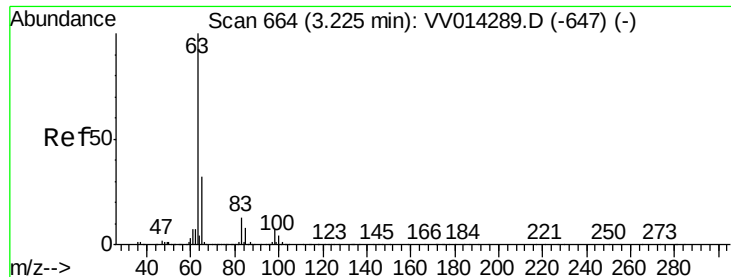
Tot Ion: 84 Resp: 39325
Ion Ratio Lower Upper
84 100
86 62.5 43.1 80.1
49 134.1 82.1 152.5



#17
Methyl tert-butyl 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

Tgt Ion: 73 Resp: 18199
Ion Ratio Lower Upper
73 100
43 22.3 14.7 22.1#
57 9.0 17.9 26.9#

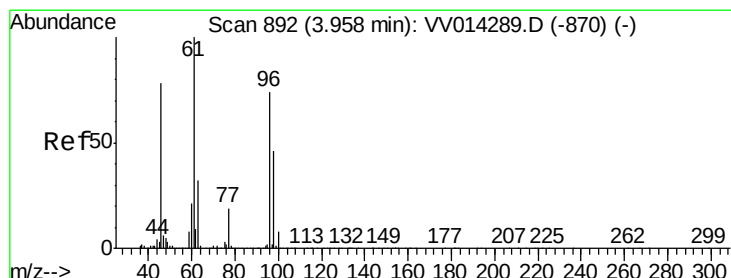
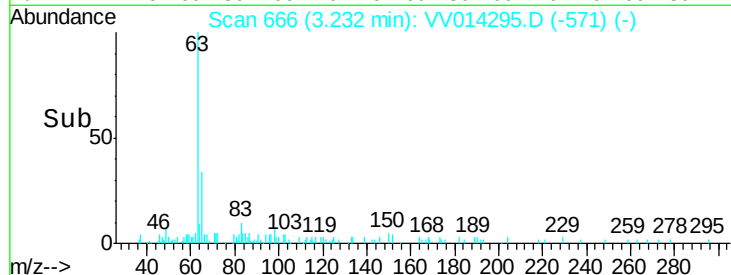
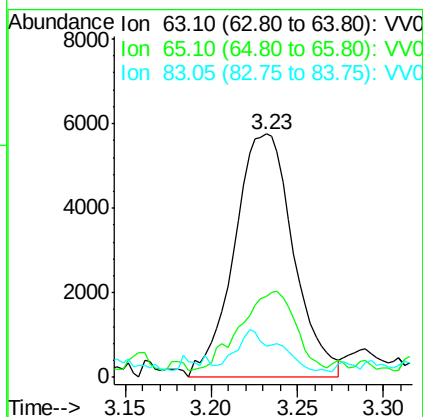
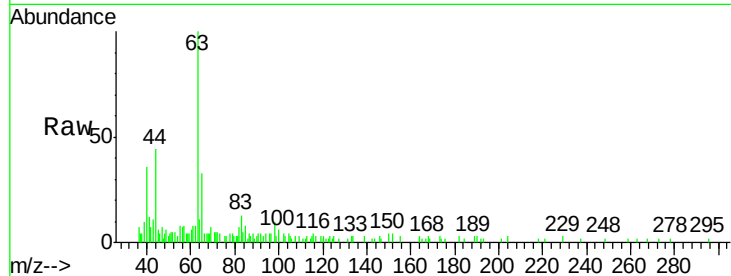




#19
 1,1-Dichloroethane
 Concen: 0.112 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

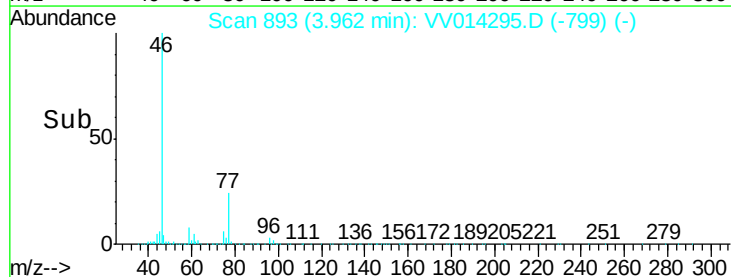
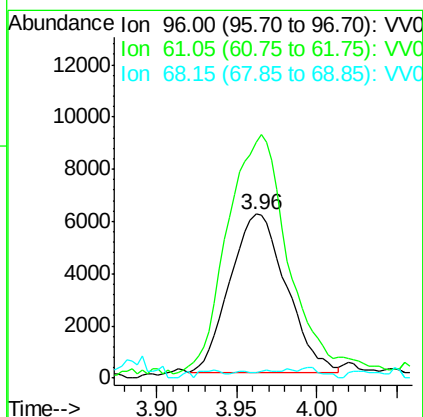
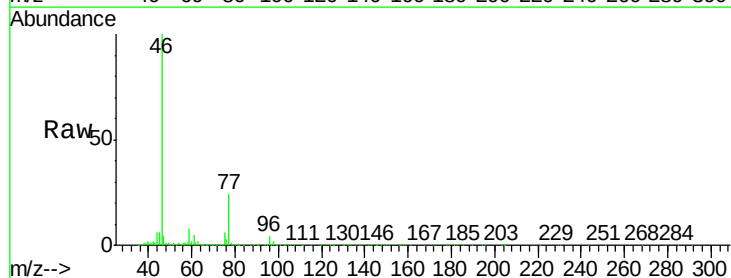
Instrument :
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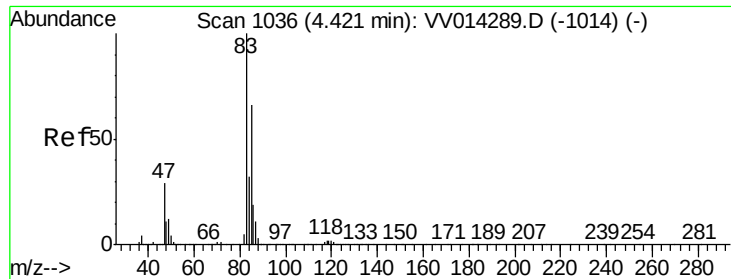
Tot Ion:	63	Resp:	13734
Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.7	42.3
83	13.0	10.0	18.6



#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

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

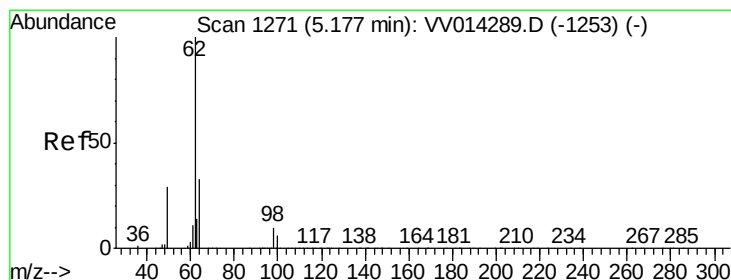
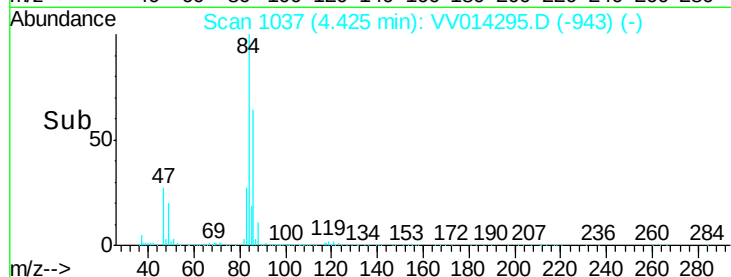
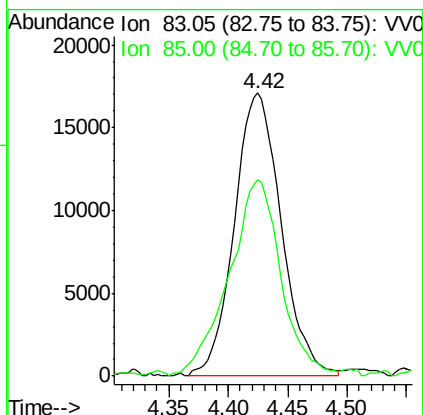
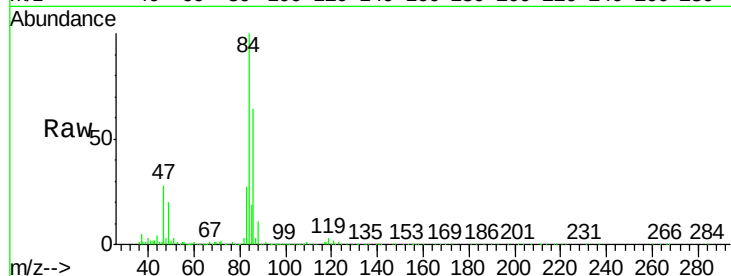




#25
Chloroform
Concen: 0.398 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

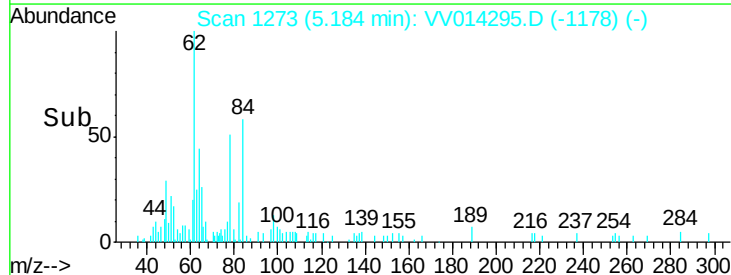
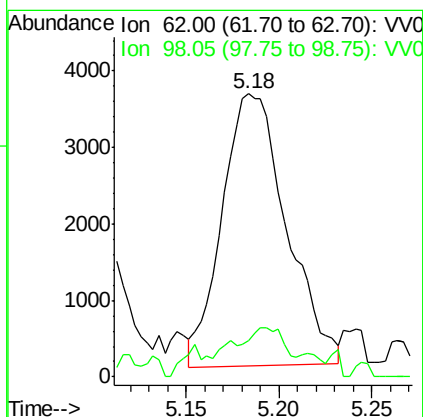
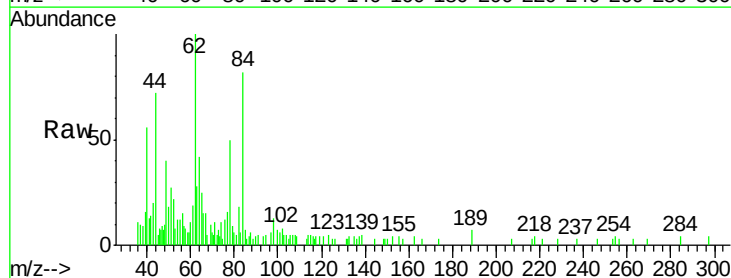
Instrument :
MSVOA_V
ClientSampleId :
GASC8DL

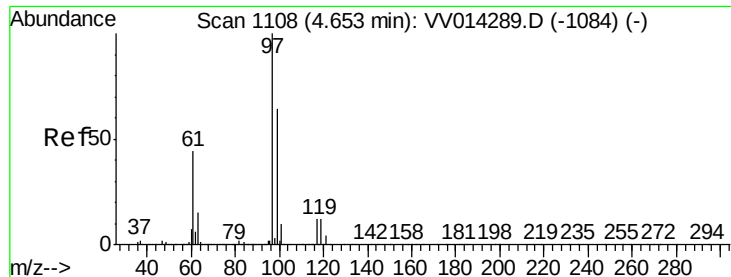
Tot Ion: 83 Resp: 46721
Ion Ratio Lower Upper
83 100
85 69.4 46.2 85.8



#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

Tgt 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

Instrument :

MSVOA_V

ClientSampleId :

GASC8DL

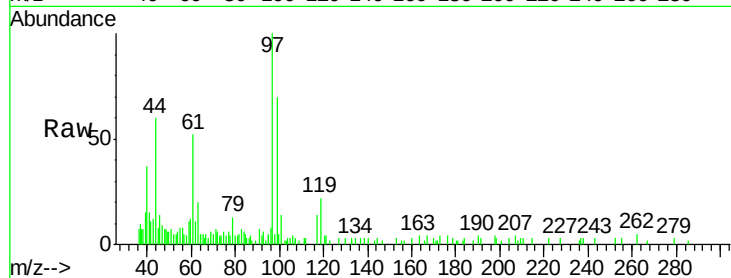
Tot Ion: 97 Resp: 11942

Ion Ratio Lower Upper

97 100

99 70.4 51.1 76.7

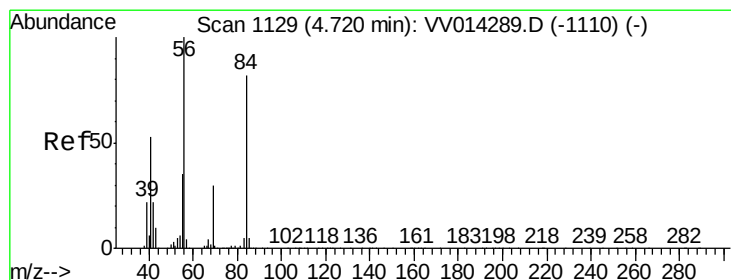
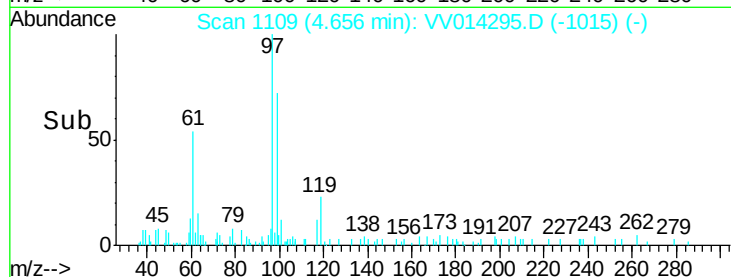
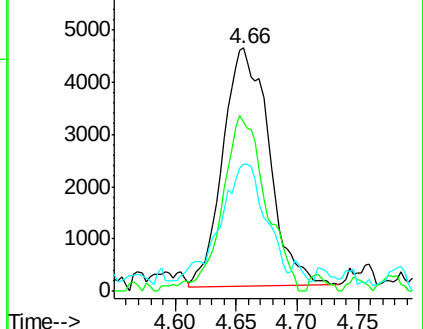
61 53.1 33.9 50.9#



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



#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

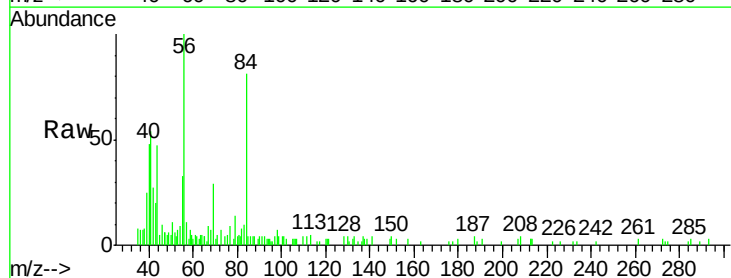
Tgt Ion: 56 Resp: 12322

Ion Ratio Lower Upper

56 100

69 10.9 23.9 35.9#

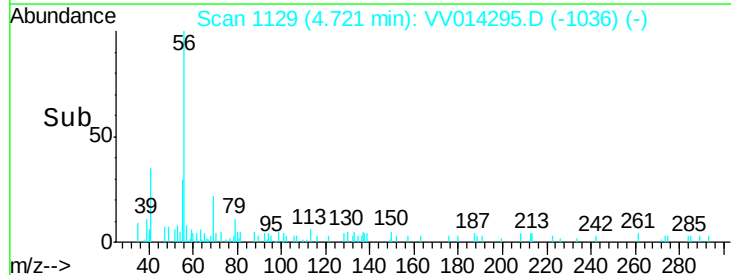
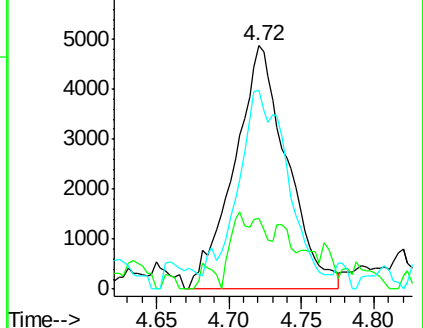
84 64.5 68.9 103.3#

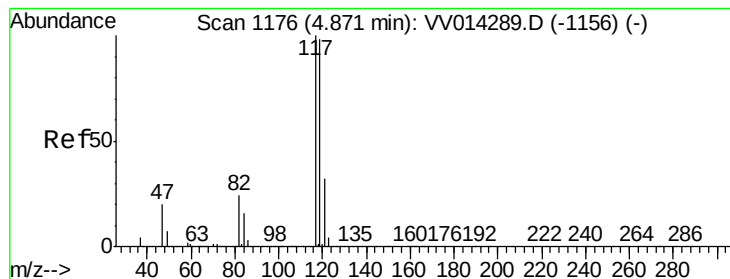


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 0.120 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

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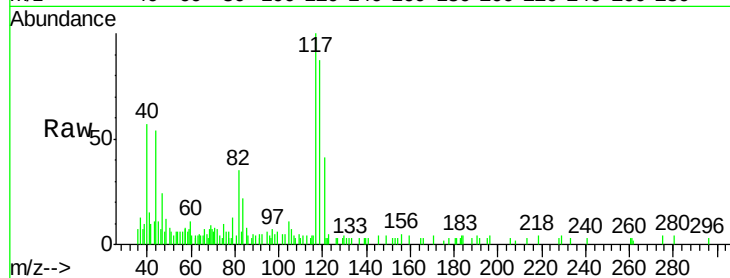
GASC8DL

Tot Ion:117 Resp: 10285

Ion Ratio Lower Upper

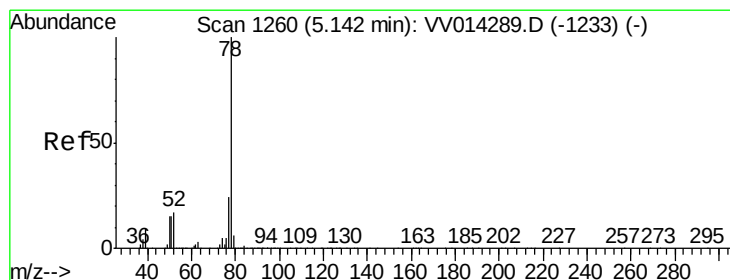
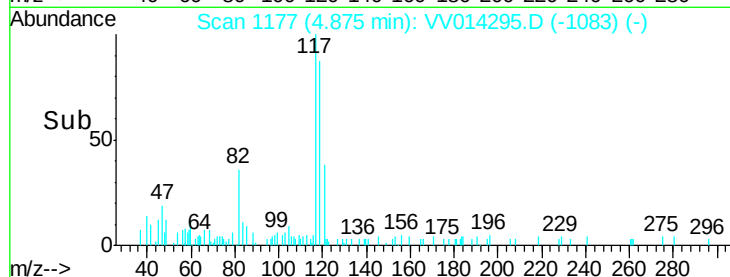
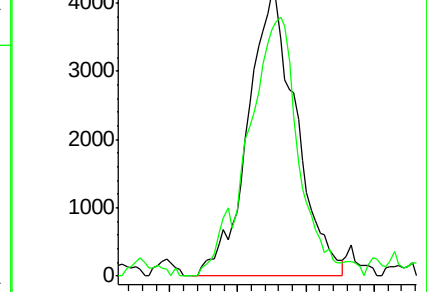
117 100

119 93.9 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.121 ug/L

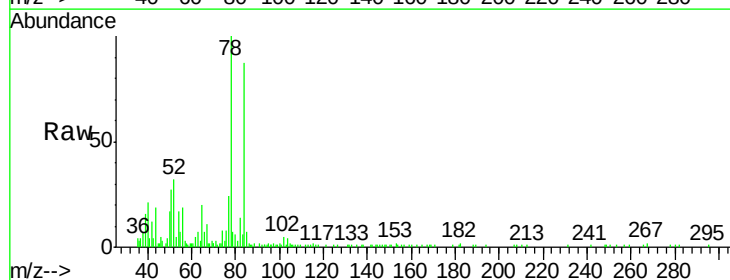
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV014295.D

Acq: 14 Jan 2020 14:41

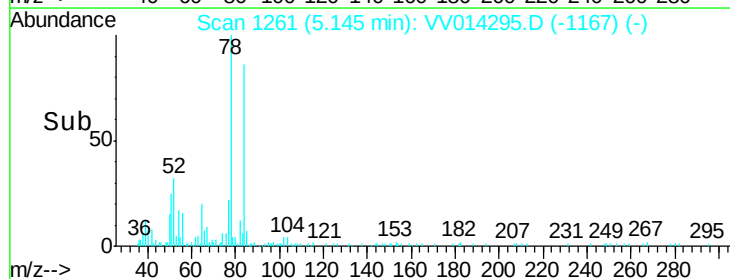
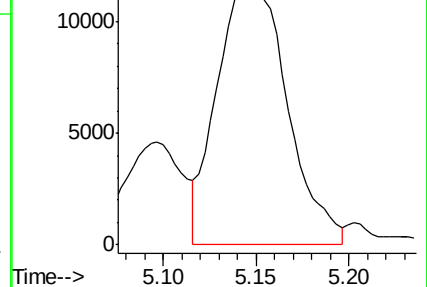
Tgt Ion: 78 Resp: 31212

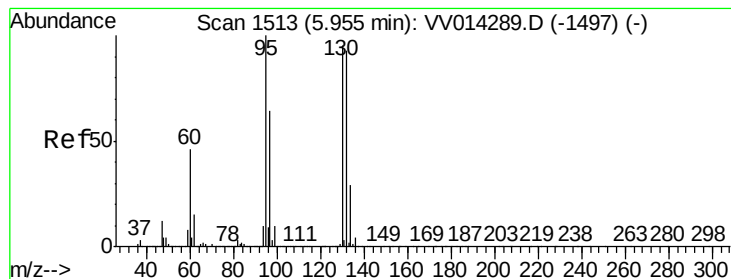


Abundance Ion 78.10 (77.80 to 78.80): VV0

15000

5.14





#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

Instrument :

MSVOA_V

ClientSampleId :

GASC8DL

Tot Ion: 95 Resp: 461942

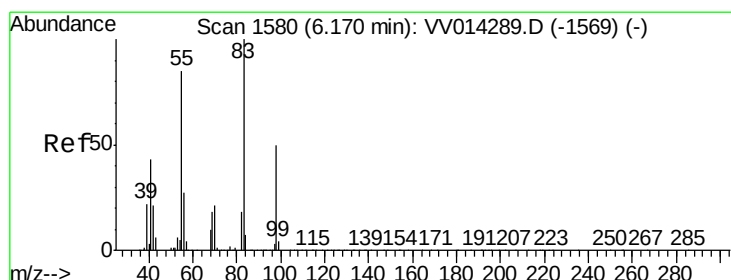
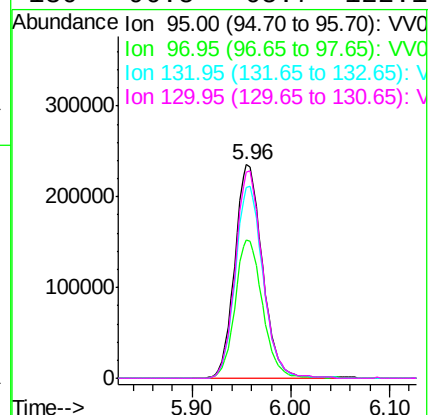
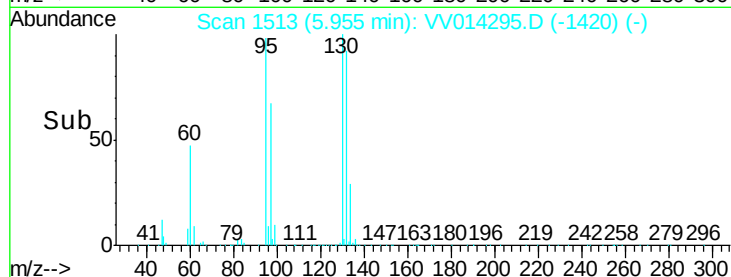
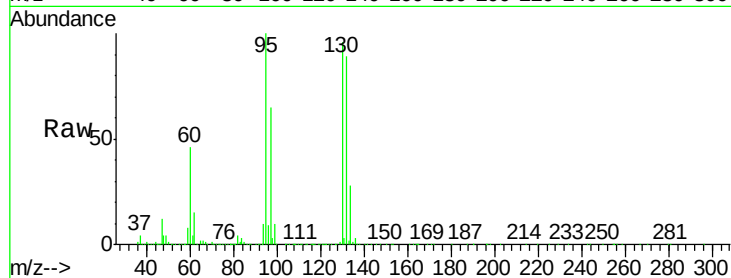
Ion Ratio Lower Upper

95 100

97 65.0 43.8 81.3

132 89.2 63.4 117.8

130 96.5 65.7 122.1



#35

Methylcyclohexane

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

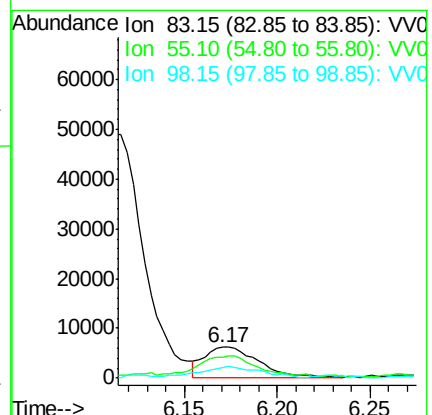
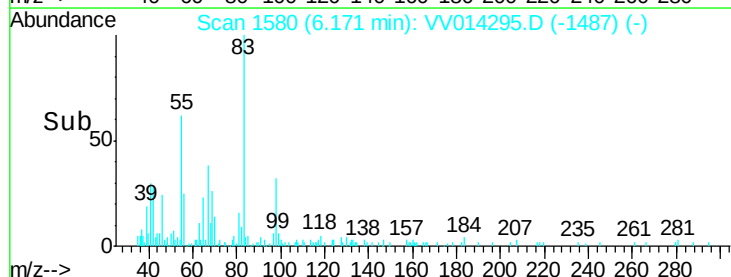
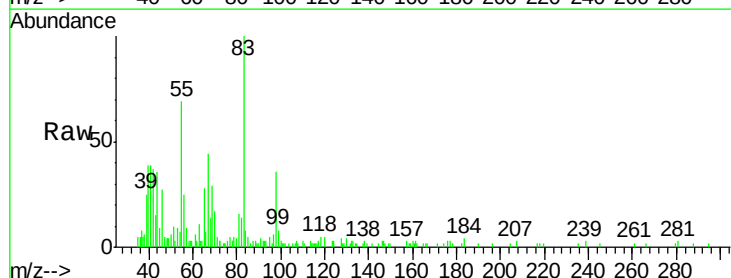
Tgt Ion: 83 Resp: 12968

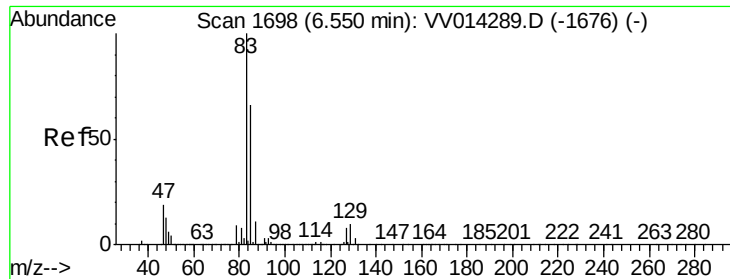
Ion Ratio Lower Upper

83 100

55 71.8 61.7 92.5

98 42.2 38.1 57.1





#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 :

GASC8DL

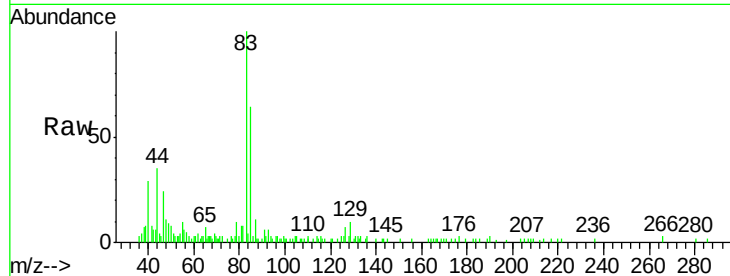
Tot Ion: 83 Resp: 13982

Ion Ratio Lower Upper

83 100

85 63.5 46.4 86.2

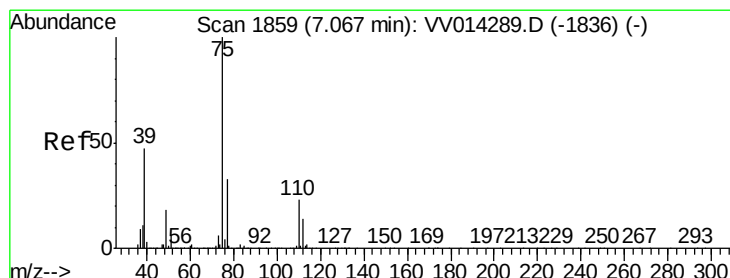
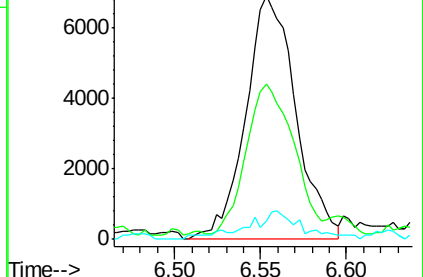
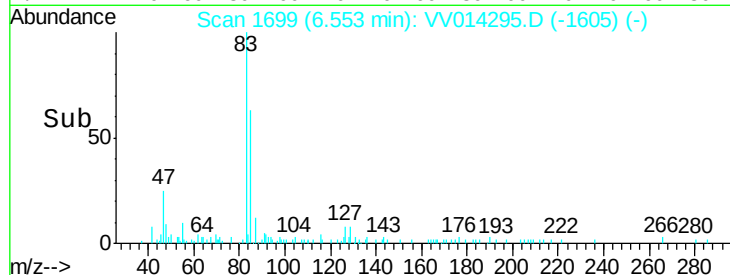
127 7.3 6.3 9.5



Abundance Ion 82.95 (82.65 to 83.65): VV014295.D (-1605) (-)

Ion 85.00 (84.70 to 85.70): VV014295.D (-1605) (-)

Ion 126.90 (126.60 to 127.60): VV014295.D (-1605) (-)



#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

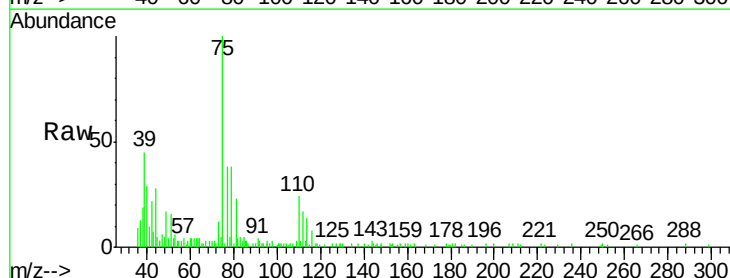
Acq: 14 Jan 2020 14:41

Tgt Ion: 75 Resp: 16119

Ion Ratio Lower Upper

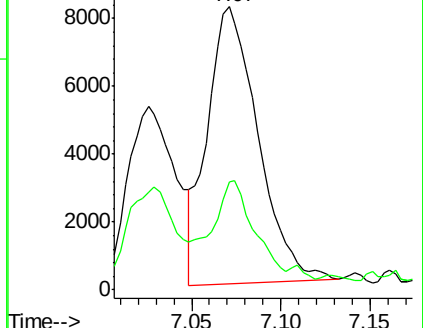
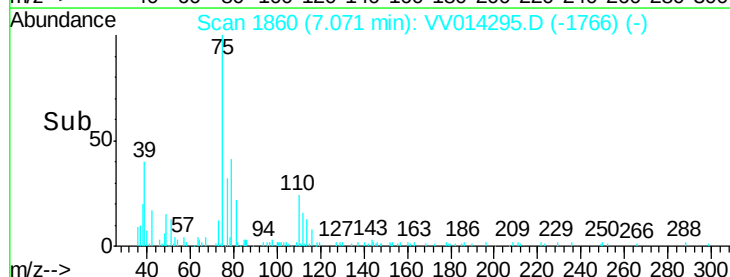
75 100

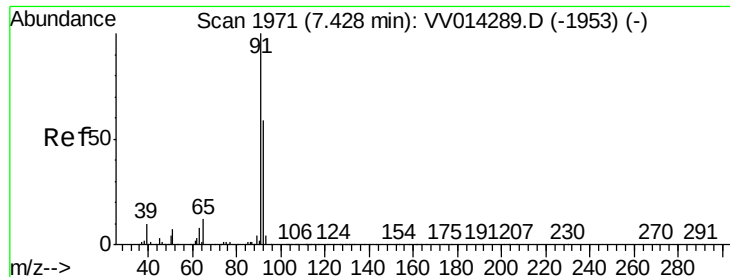
77 38.1 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV014295.D (-1766) (-)

Ion 77.05 (76.75 to 77.75): VV014295.D (-1766) (-)





#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 :

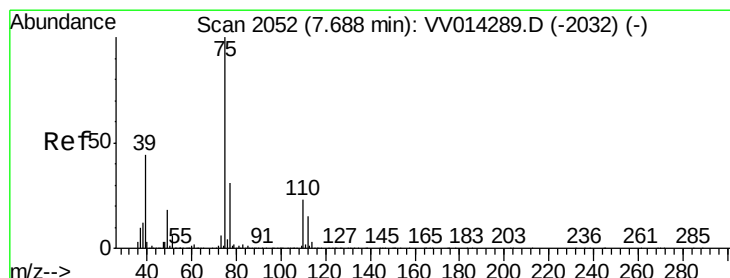
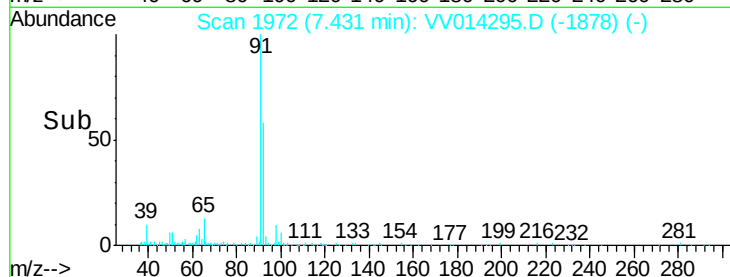
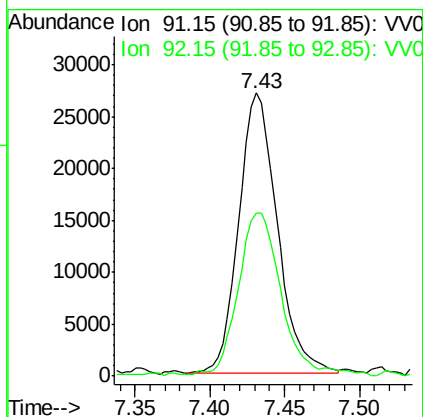
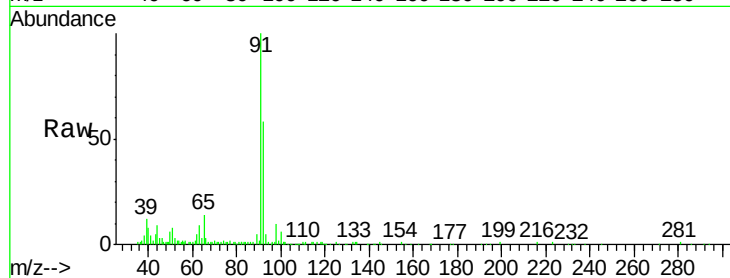
GASC8DL

Tot Ion: 91 Resp: 48392

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



#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

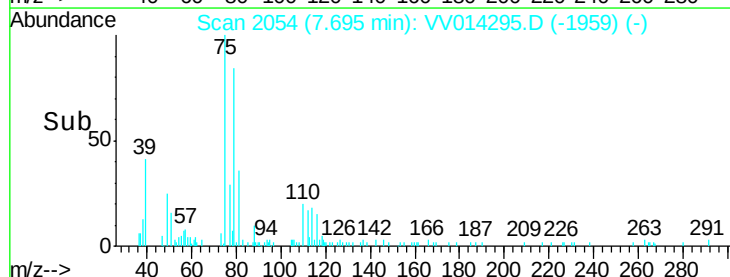
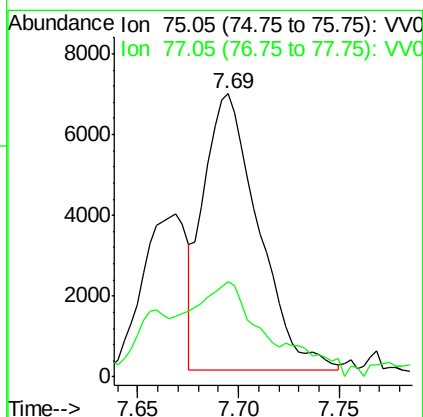
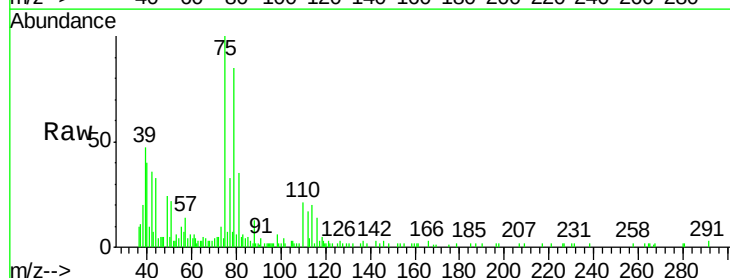
Acq: 14 Jan 2020 14:41

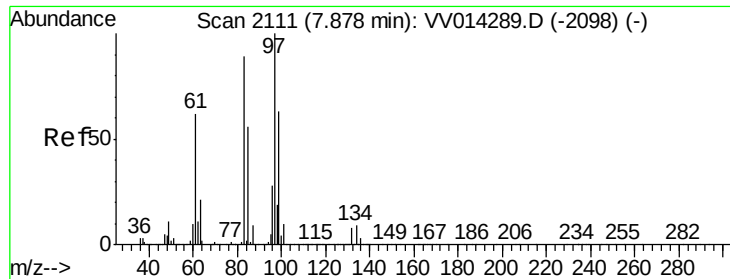
Tgt Ion: 75 Resp: 12909

Ion Ratio Lower Upper

75 100

77 33.5 22.0 41.0

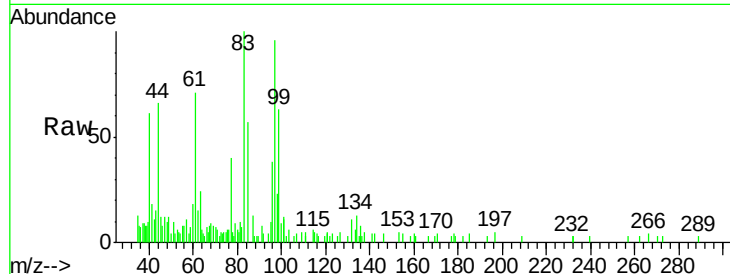




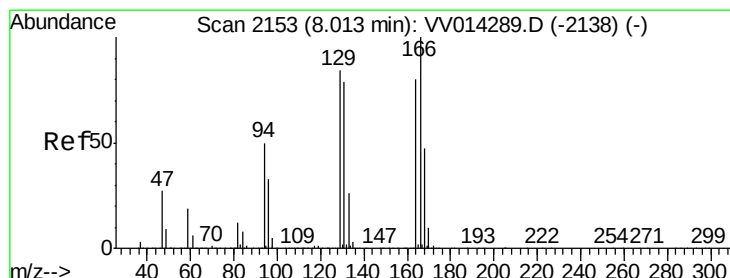
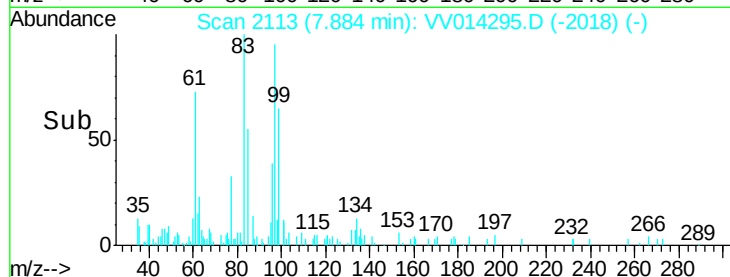
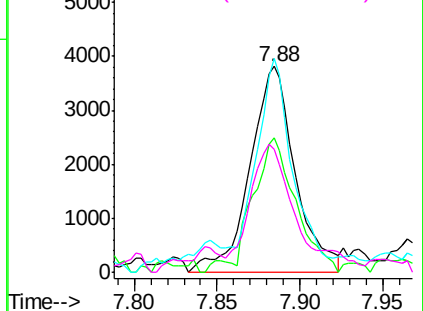
#45
1,1,2-Trichloroethane
Concen: 0.174 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.01 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

Instrument :
MSVOA_V
ClientSampleId :
GASC8DL

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

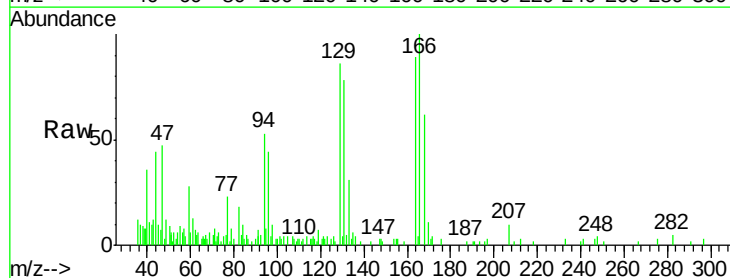


Abundance Ion 96.95 (96.65 to 97.65): VV014295.D (-2060) (-)
Ion 99.05 (98.75 to 99.75): VV014295.D (-2060) (-)
Ion 82.95 (82.65 to 83.65): VV014295.D (-2060) (-)
Ion 85.00 (84.70 to 85.70): VV014295.D (-2060) (-)

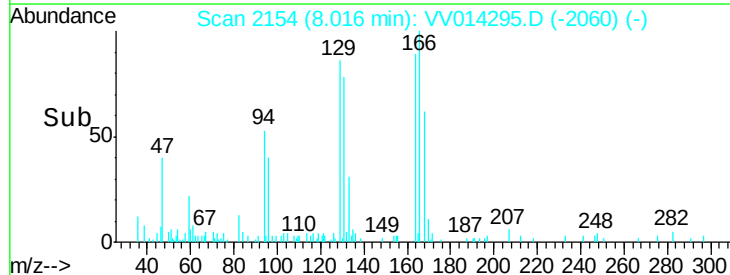
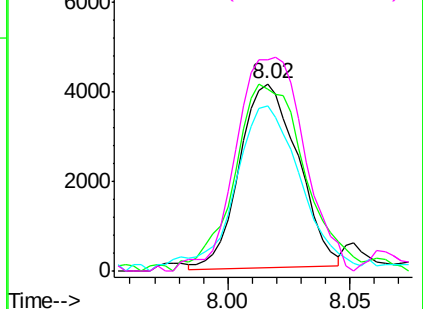


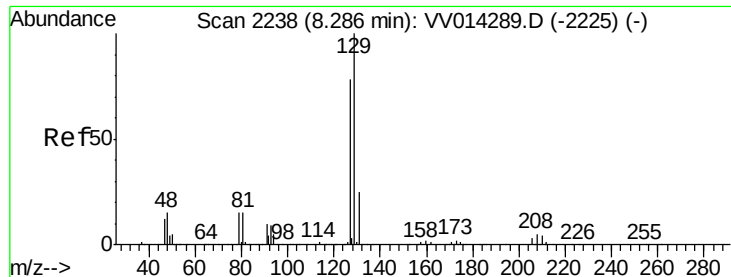
#47
Tetrachloroethene
Concen: 0.150 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014295.D
Acq: 14 Jan 2020 14:41

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) (-)





#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

Instrument :

MSVOA_V

ClientSampled :

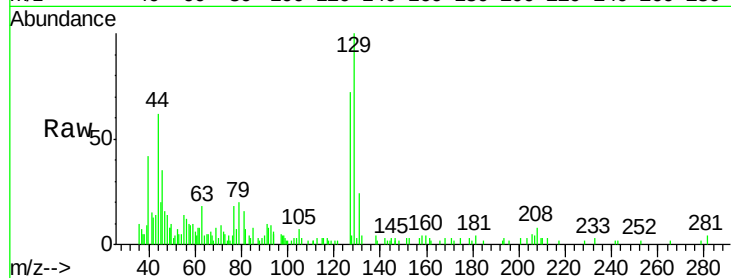
GASC8DL

Tot Ion:129 Resp: 9044

Ion Ratio Lower Upper

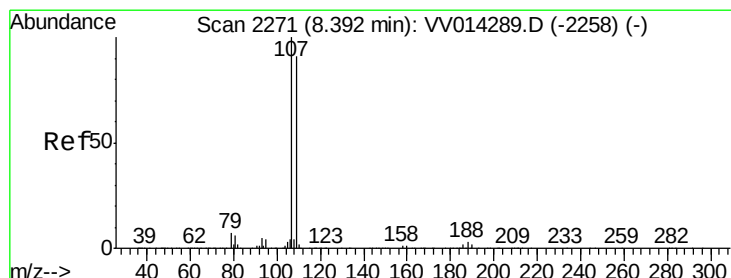
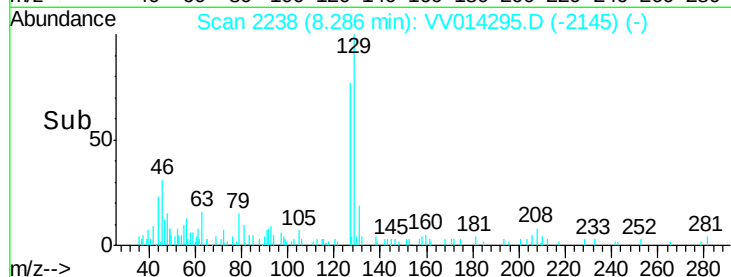
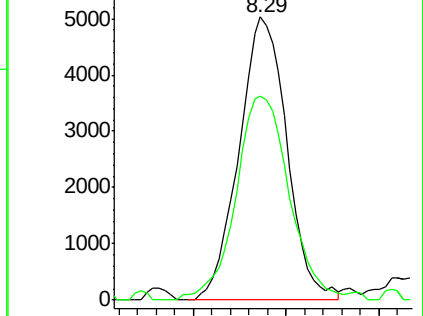
129 100

127 72.3 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: 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

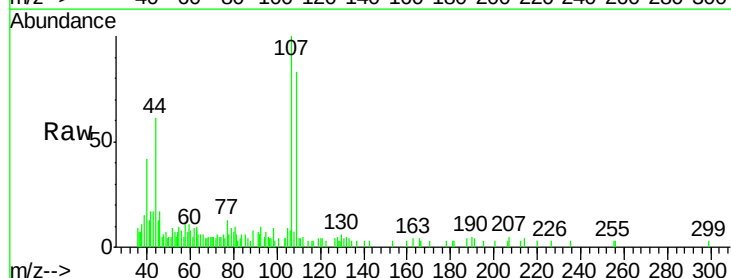
Tgt Ion:107 Resp: 6373

Ion Ratio Lower Upper

107 100

109 83.5 63.0 117.0

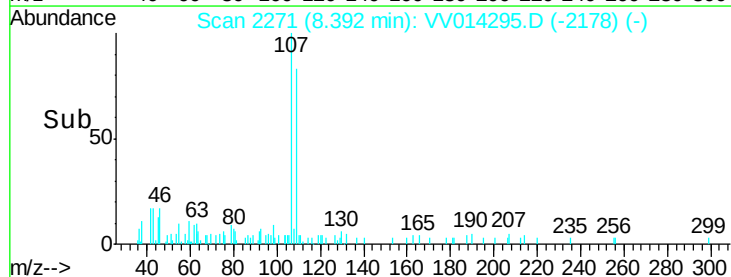
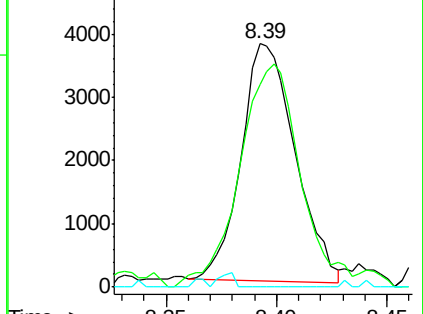
188 0.0 3.0 4.4#

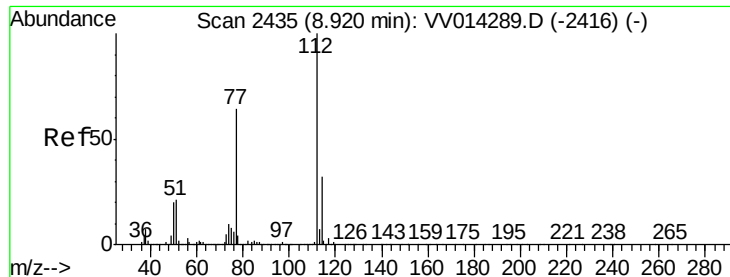


Abundance Ion 106.95 (106.65 to 107.65): V

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

Instrument :

MSVOA_V

ClientSampleId :

GASC8DL

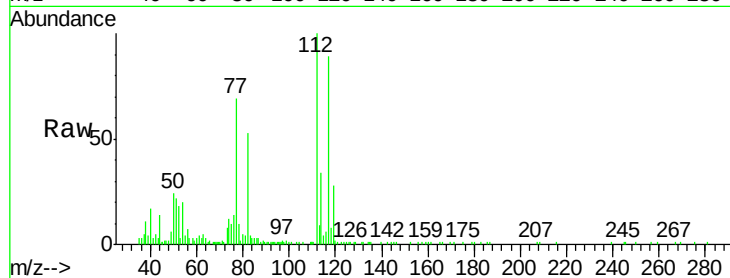
Tot Ion:112 Resp: 33012

Ion Ratio Lower Upper

112 100

114 33.7 22.5 41.7

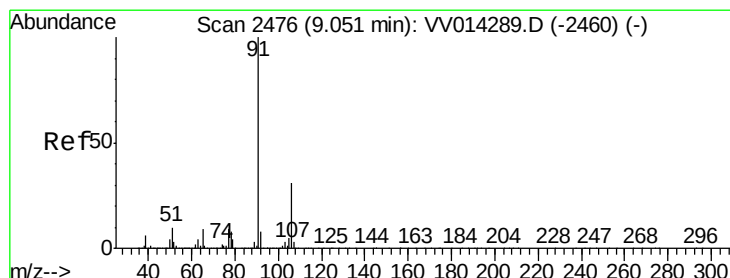
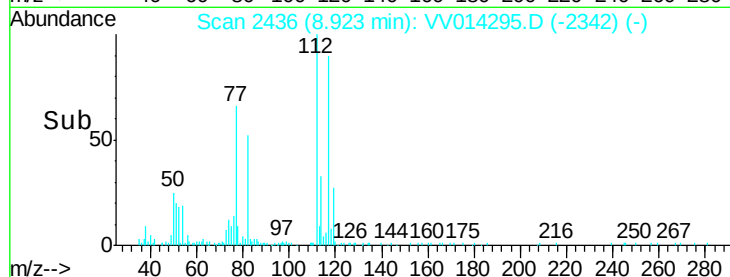
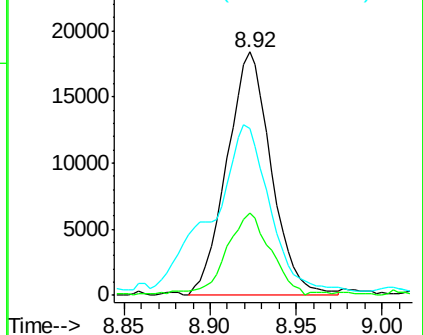
77 68.5 49.3 73.9



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

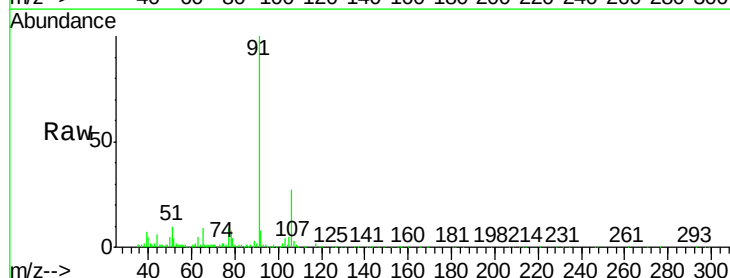
Acq: 14 Jan 2020 14:41

Tgt Ion: 91 Resp: 65632

Ion Ratio Lower Upper

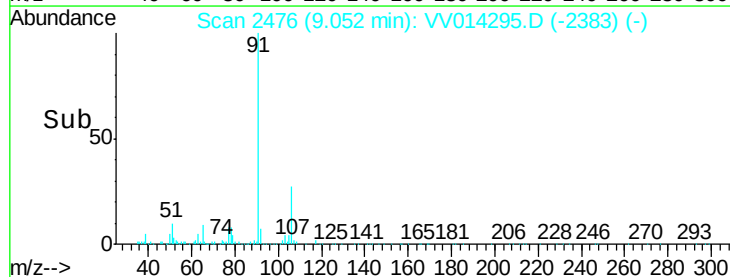
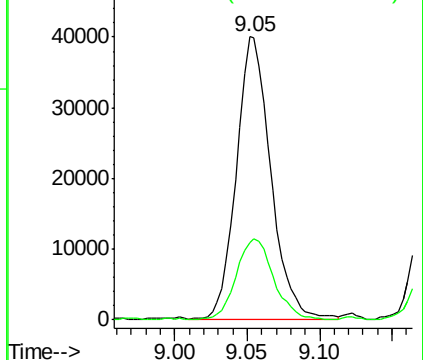
91 100

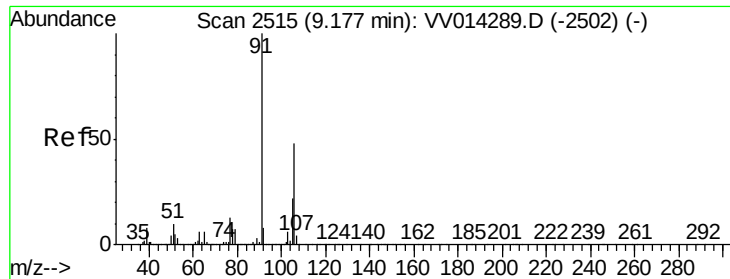
106 27.3 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#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

Instrument :

MSVOA_V

ClientSampleId :

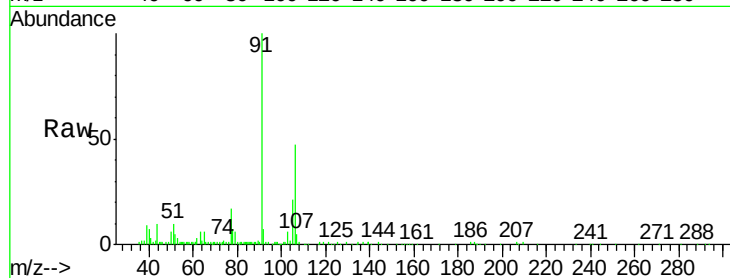
GASC8DL

Tot Ion:106 Resp: 23643

Ion Ratio Lower Upper

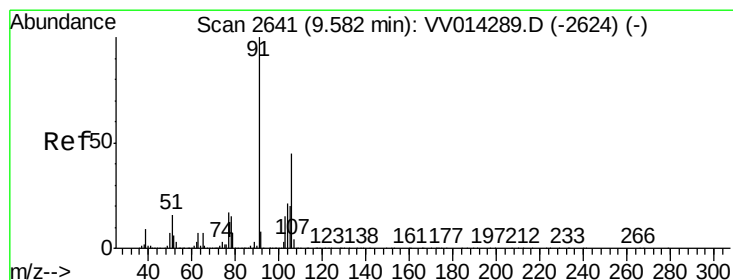
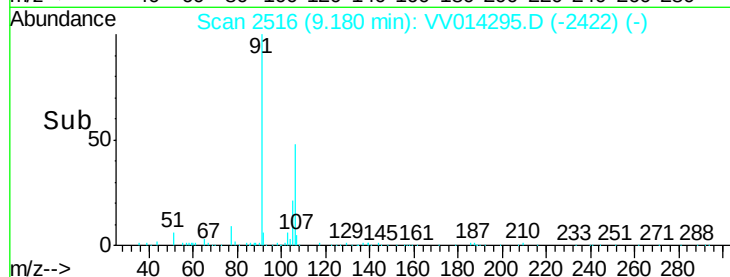
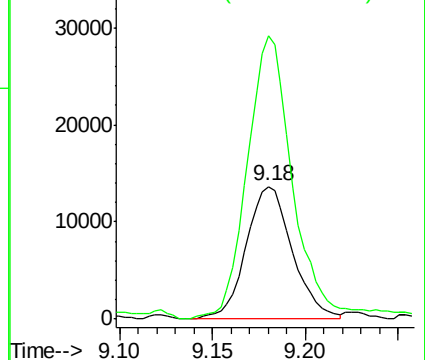
106 100

91 213.8 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.236 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV014295.D

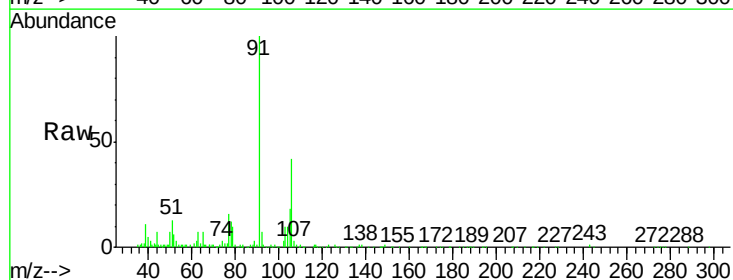
Acq: 14 Jan 2020 14:41

Tgt Ion:106 Resp: 26070

Ion Ratio Lower Upper

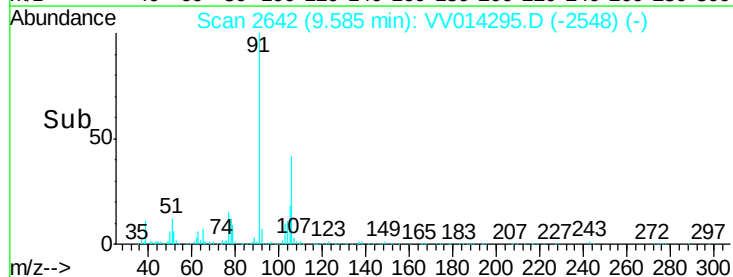
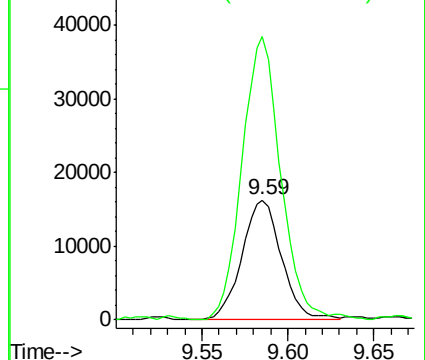
106 100

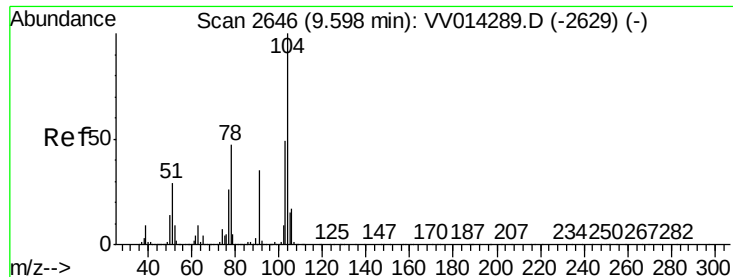
91 235.7 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

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

Instrument :

MSVOA_V

ClientSampleId :

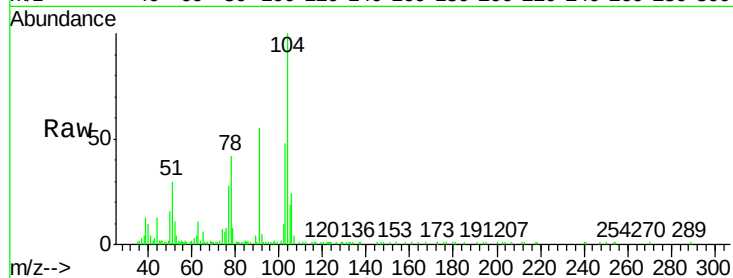
GASC8DL

Tot Ion:104 Resp: 33946

Ion Ratio Lower Upper

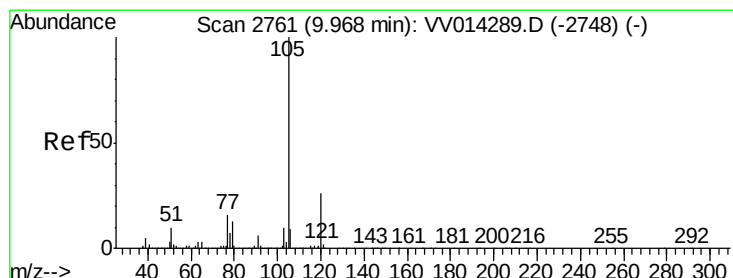
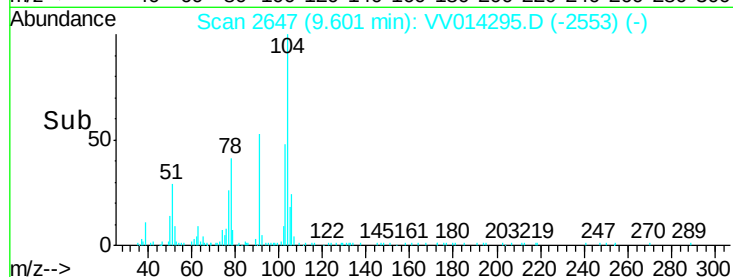
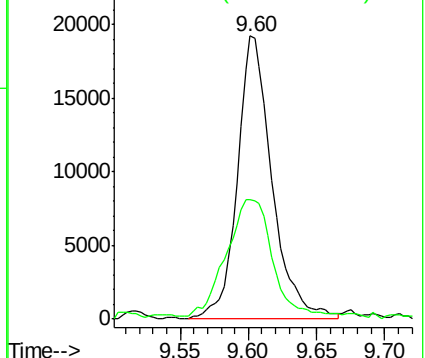
104 100

78 42.3 31.7 58.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#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

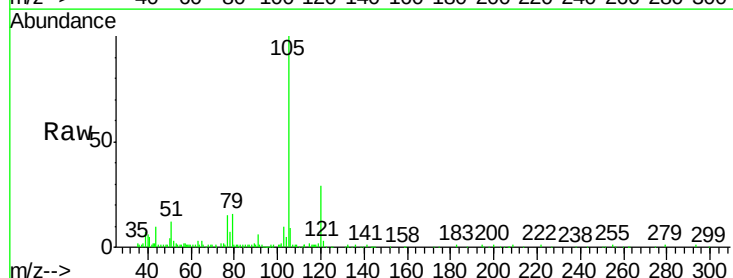
Tgt Ion:105 Resp: 50094

Ion Ratio Lower Upper

105 100

120 28.0 21.0 31.4

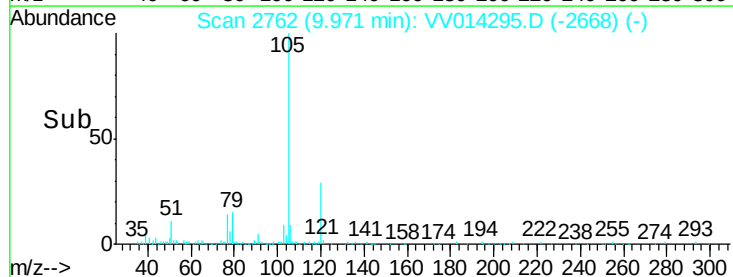
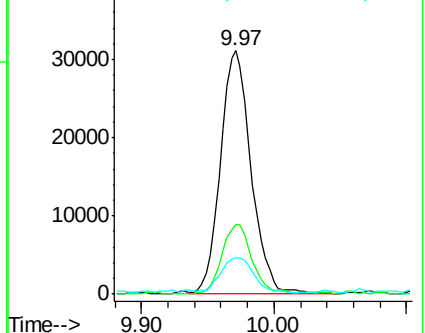
77 14.9 12.5 18.7

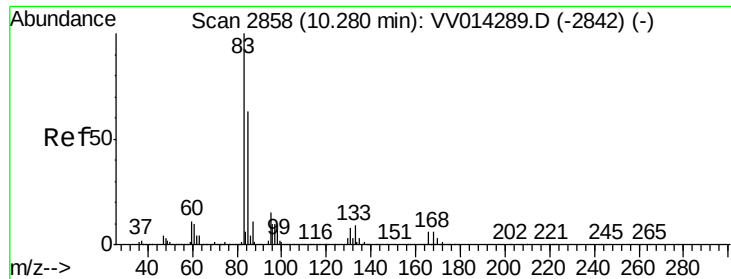


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#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

Instrument :

MSVOA_V

ClientSampleId :

GASC8DL

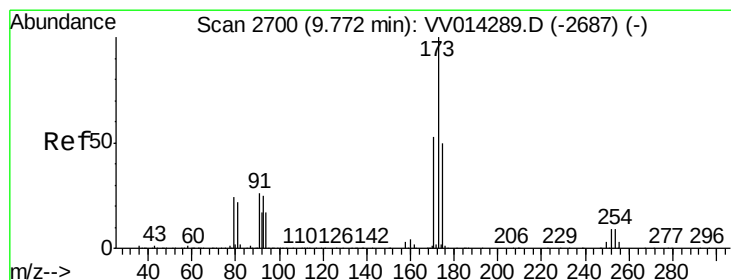
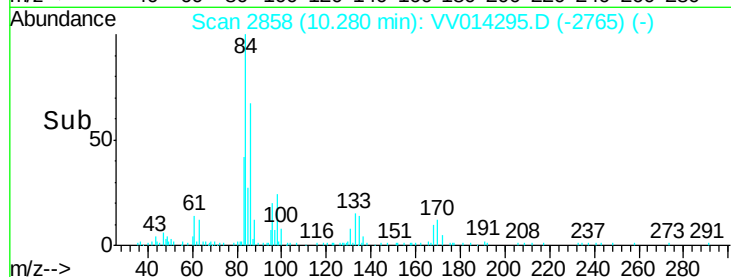
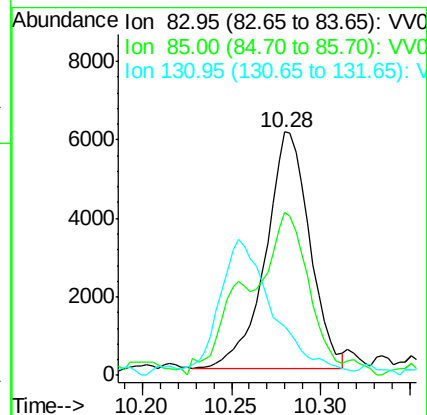
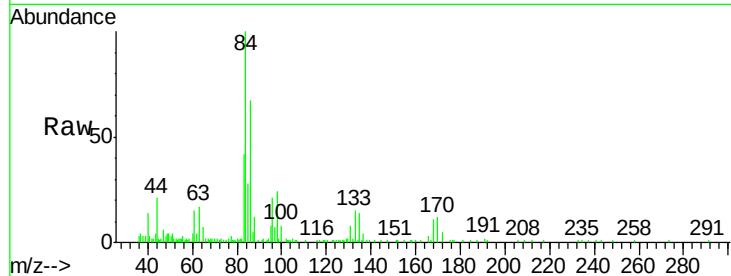
Tot Ion: 83 Resp: 10382

Ion Ratio Lower Upper

83 100

85 67.0 45.9 85.3

131 20.1 7.8 11.8#



#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

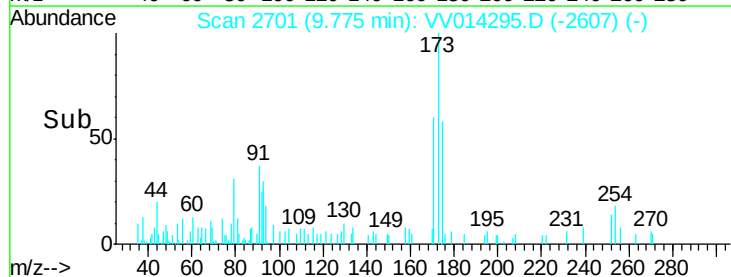
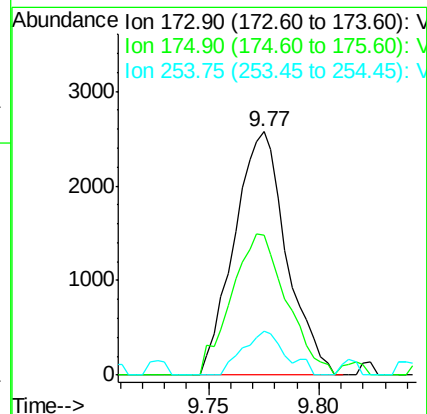
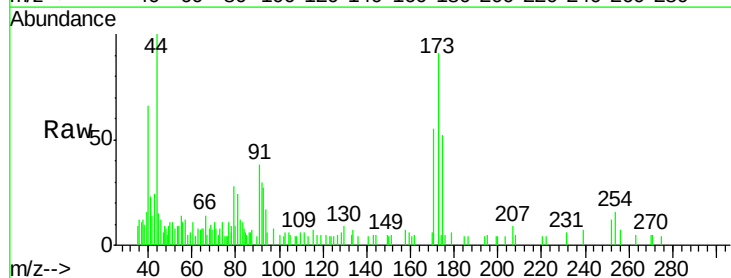
Tgt Ion: 173 Resp: 4224

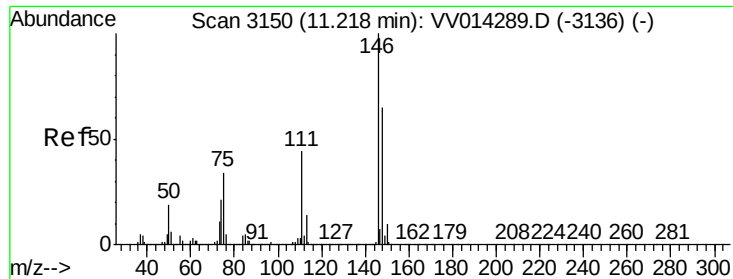
Ion Ratio Lower Upper

173 100

175 61.2 37.9 56.9#

254 14.8 7.6 11.4#

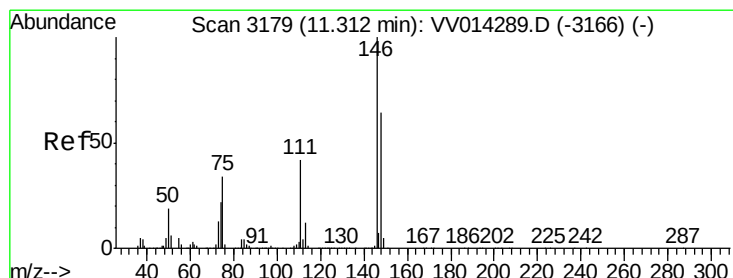
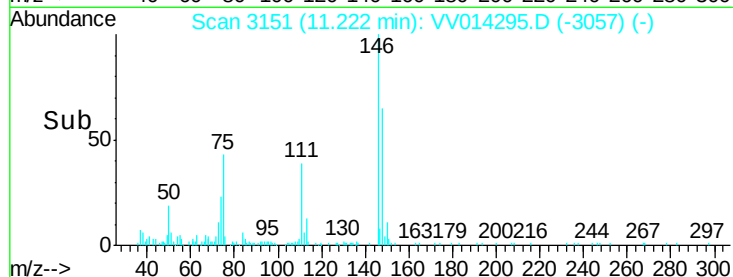
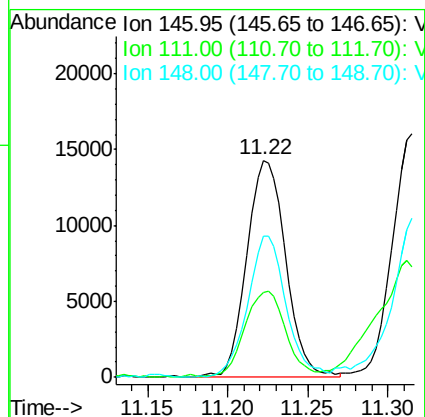
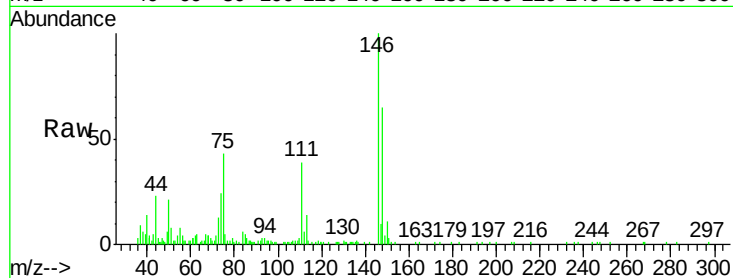




#62
 1,3-Dichlorobenzene
 Concen: 0.192 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

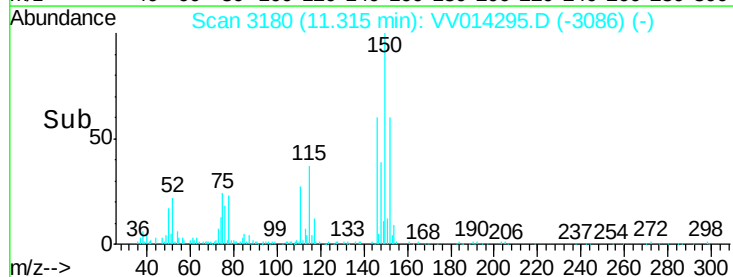
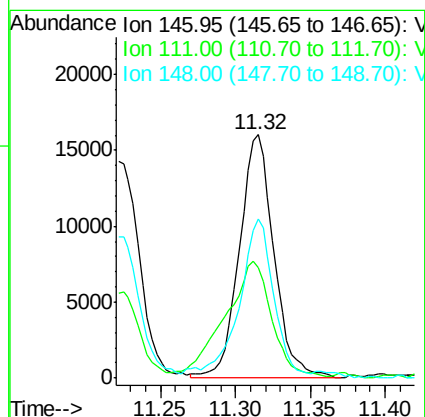
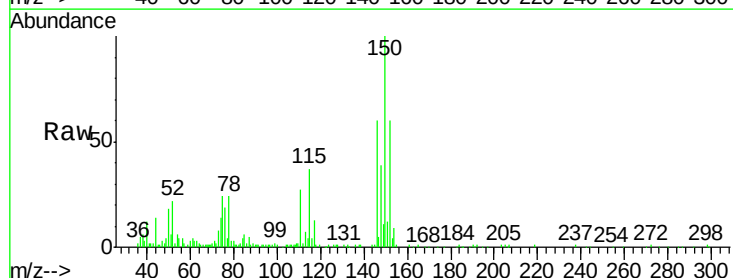
Instrument :
 MSVOA_V
 ClientSampleId :
 GASC8DL

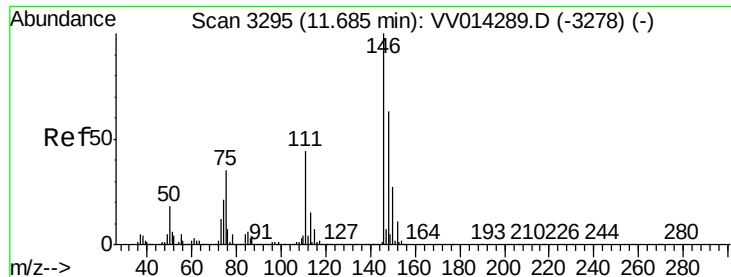
Tot Ion:146 Resp: 23760
 Ion Ratio Lower Upper
 146 100
 111 39.3 30.7 57.1
 148 65.1 44.4 82.5



#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

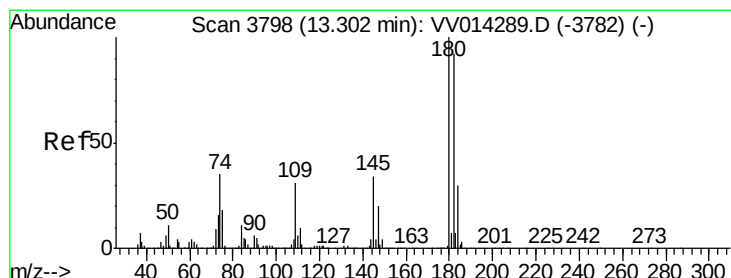
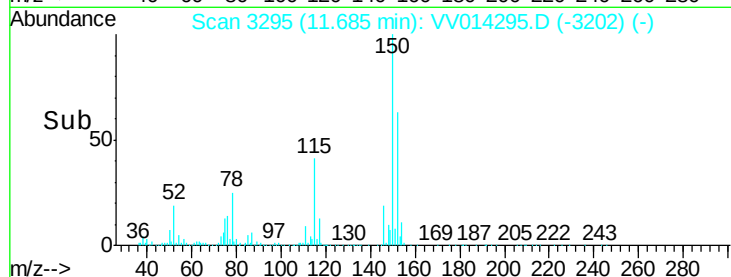
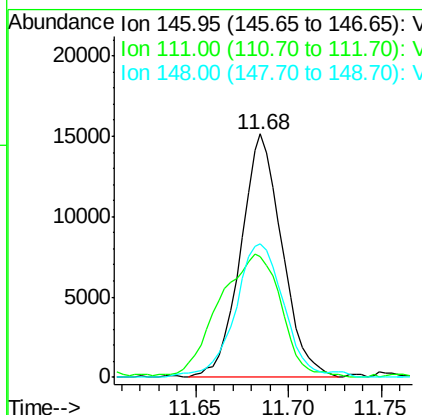
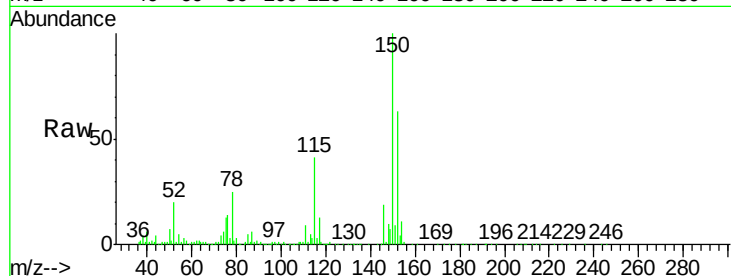




#65
 1,2-Dichlorobenzene
 Concen: 0.210 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV014295.D
 Acq: 14 Jan 2020 14:41

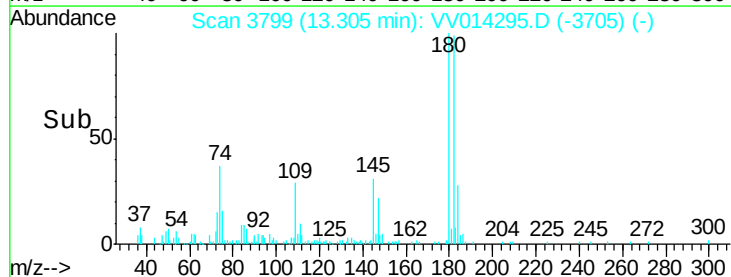
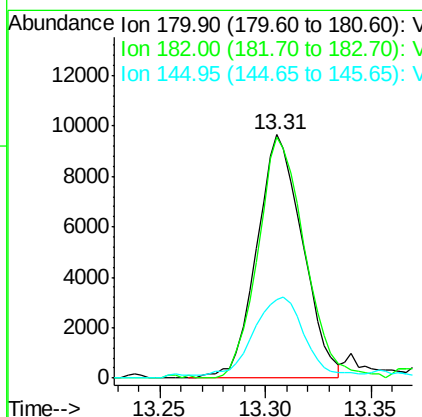
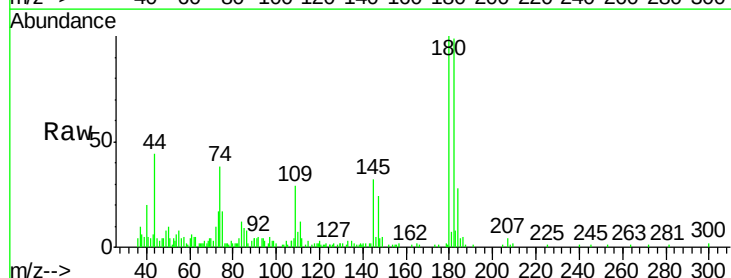
Instrument :
 MSVOA_V
 ClientSampled :
 GASC8DL

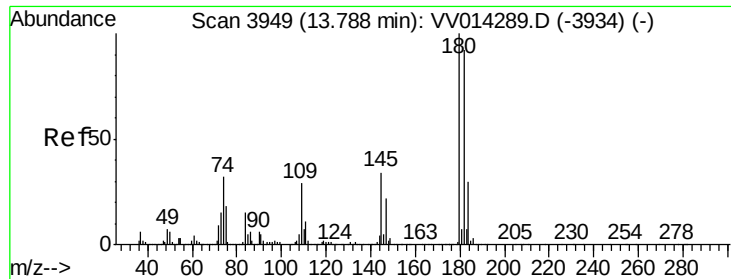
Tot Ion:146 Resp: 23441
 Ion Ratio Lower Upper
 146 100
 111 49.4 36.4 54.6
 148 54.7 51.3 76.9



#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

Tgt Ion:180 Resp: 14600
 Ion Ratio Lower Upper
 180 100
 182 101.3 75.2 112.8
 145 37.8 26.2 39.4





#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 :

GASC8DL

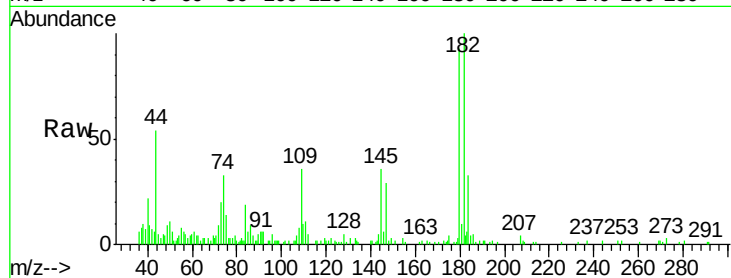
Tot Ion:180 Resp: 13659

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

