

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015992.D
 Acq On : 11 May 2020 16:11
 Operator : SY/MD
 Sample : L2520-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146410	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145200	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29384	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.58	69	31216	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.13	63	49849	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.94	46	109882	48.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.00%
24) Chloroform-d	4.38	84	75445	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	46813	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.08	84	154506	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	49982	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.34	98	136701	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	7.65	79	16867	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.12	63	77815	42.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34916	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	52957	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

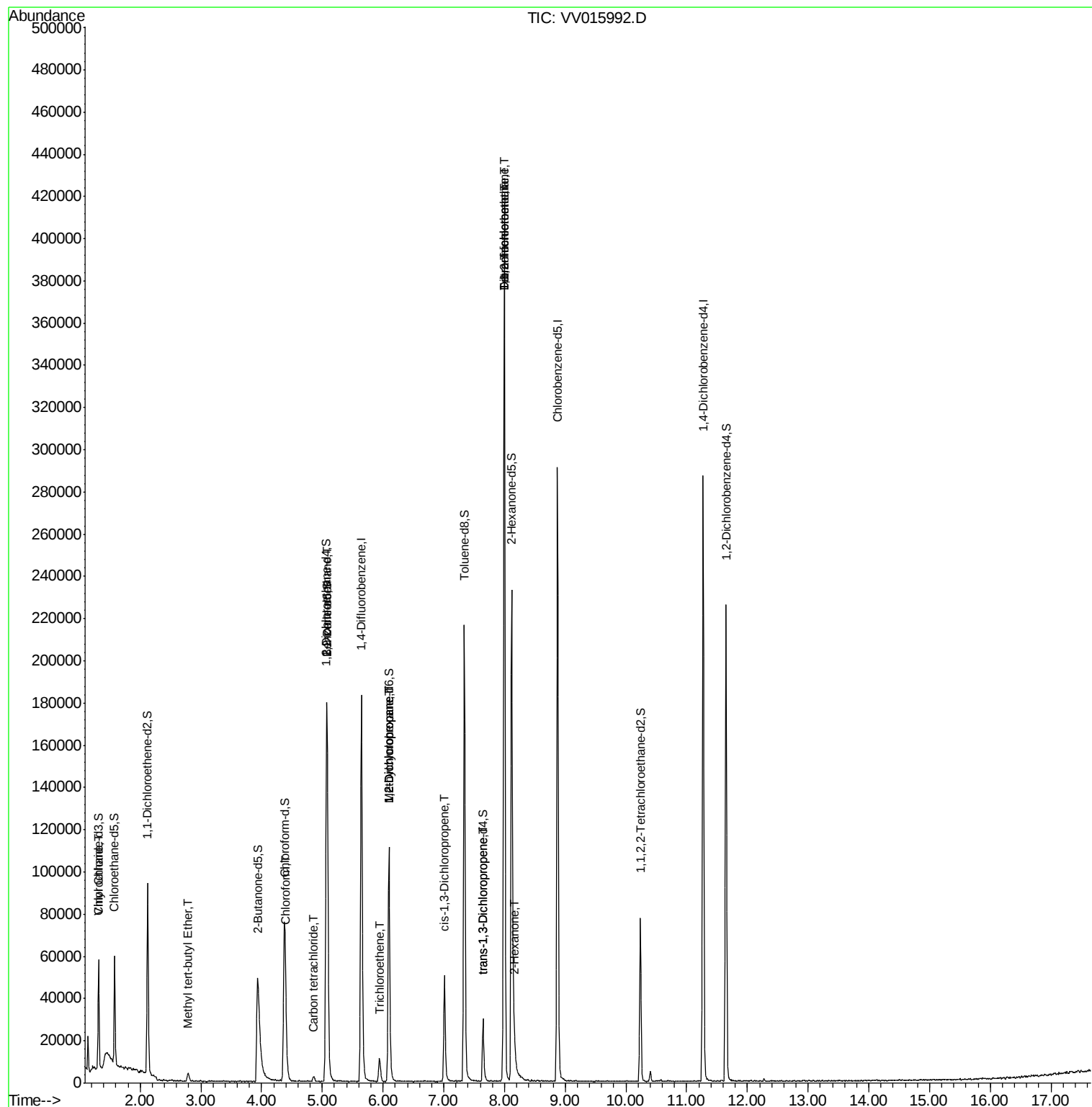
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	842	0.109	ug/L	85
17) Methyl tert-butyl Ether	2.79	73	3412	0.163	ug/L #	89
25) Chloroform	4.41	83	10854	0.575	ug/L	99
27) 1,2-Dichloroethane	5.08	62	1111	0.096	ug/L #	76
31) Carbon tetrachloride	4.86	117	1468	0.106	ug/L	85
34) Trichloroethene	5.94	95	3375	0.324	ug/L	92
35) Methylcyclohexane	6.10	83	12702	0.805	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6355	0.685	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1319	0.101	ug/L #	74
46) trans-1,3-Dichloropropene	7.64	75	828	0.075	ug/L #	57
47) 1,1,2-Trichloroethane	8.00	97	898	0.145	ug/L #	16
49) Tetrachloroethene	8.00	164	85467	11.747	ug/L	99
50) 2-Hexanone	8.17	43	5239	1.281	ug/L #	76
51) Dibromochloromethane	8.00	129	82552	11.854	ug/L #	9

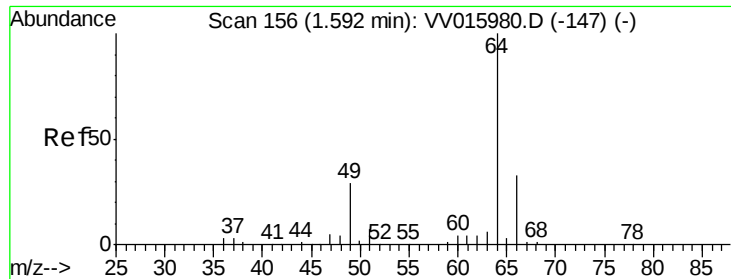
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
Data File : VV015992.D
Acq On : 11 May 2020 16:11
Operator : SY/MD
Sample : L2520-19
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 12 01:12:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration

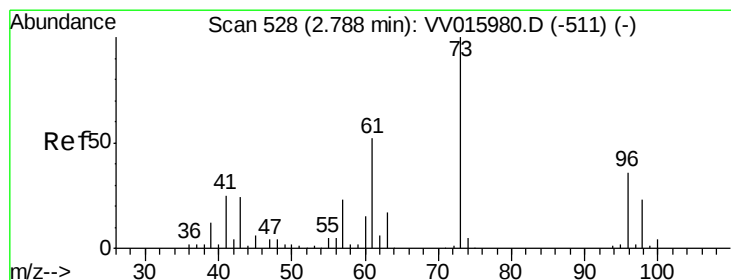
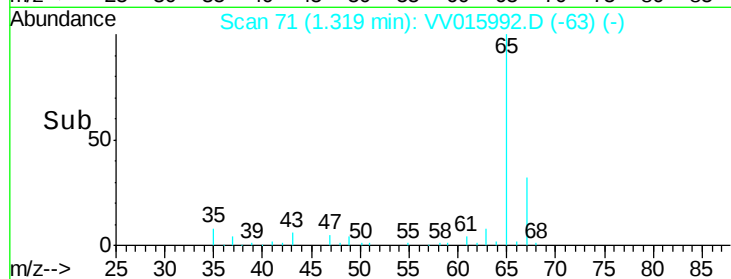
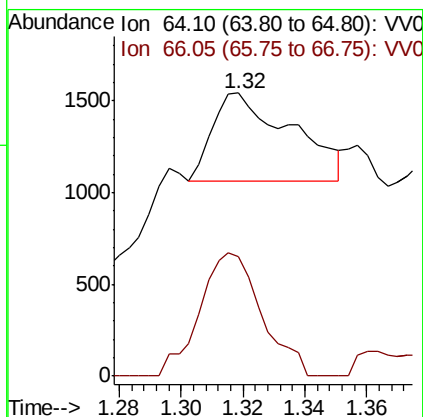
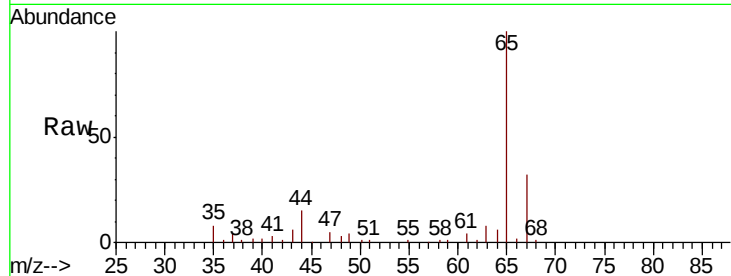




#8
Chloroethane
Concen: 0.109 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.27 min
Lab File: VV015992.D
Acq: 11 May 2020 16:11

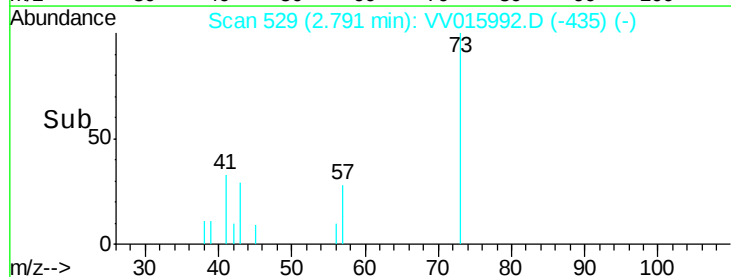
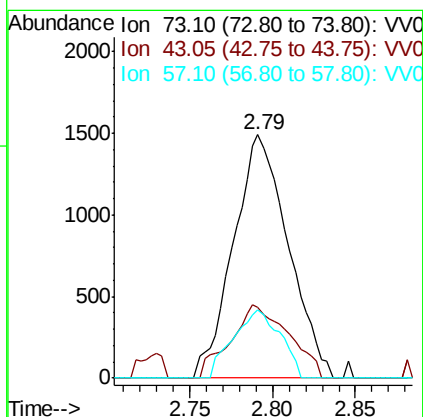
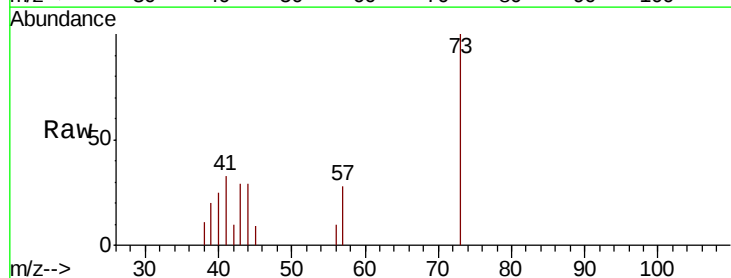
Instrument :
MSVOA_V
ClientSampled :

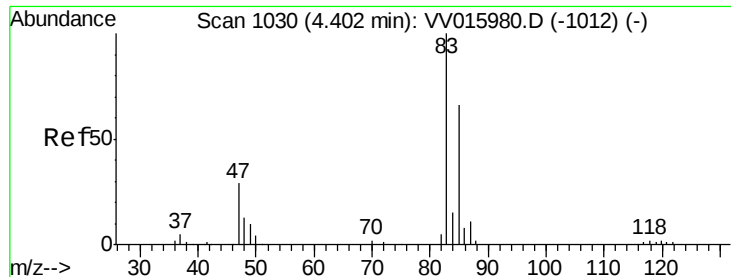
Tot Ion: 64 Resp: 842
Ion Ratio Lower Upper
64 100
66 42.1 23.6 43.8



#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015992.D
Acq: 11 May 2020 16:11

Tgt Ion: 73 Resp: 3412
Ion Ratio Lower Upper
73 100
43 32.0 18.8 28.2#
57 24.1 17.8 26.6





#25

Chloroform

Concen: 0.575 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015992.D

Acq: 11 May 2020 16:11

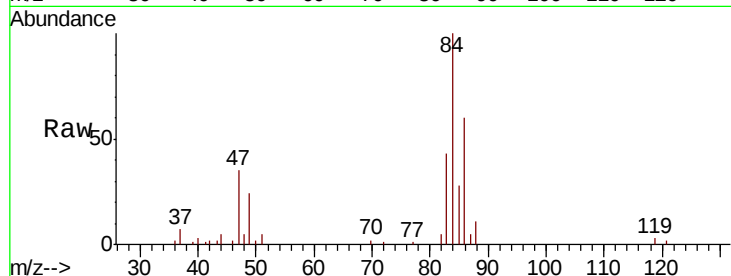
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10854

Ion Ratio Lower Upper

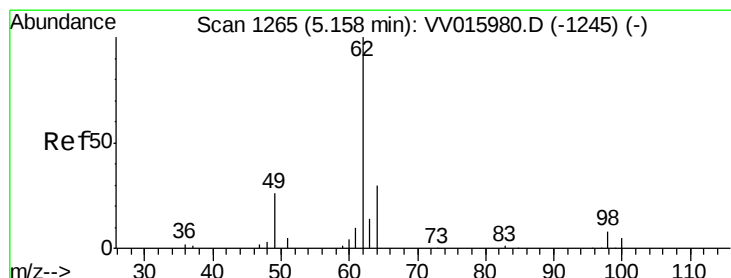
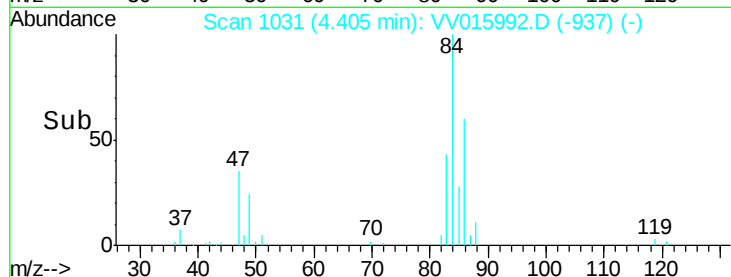
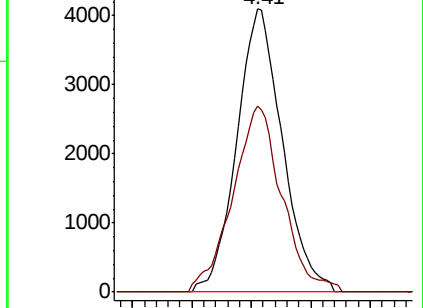
83 100

85 65.7 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015980.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV015992.D (-937) (-)



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.08 min Scan# 1242

Delta R.T. -0.07 min

Lab File: VV015992.D

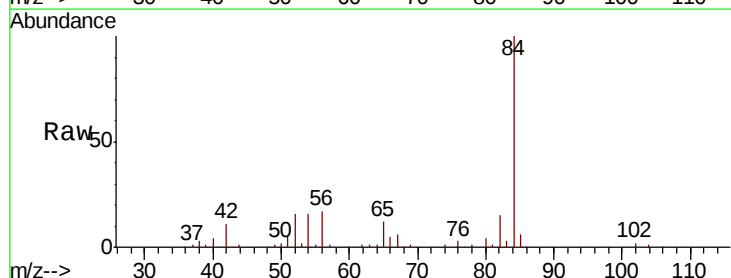
Acq: 11 May 2020 16:11

Tgt Ion: 62 Resp: 1111

Ion Ratio Lower Upper

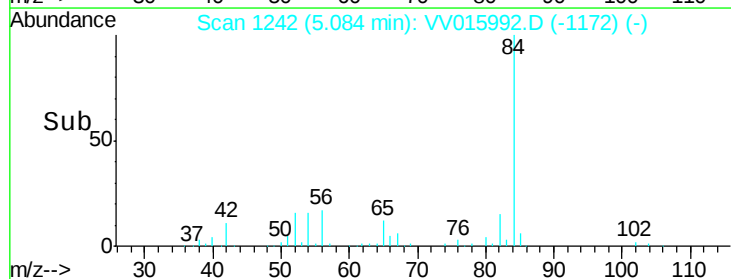
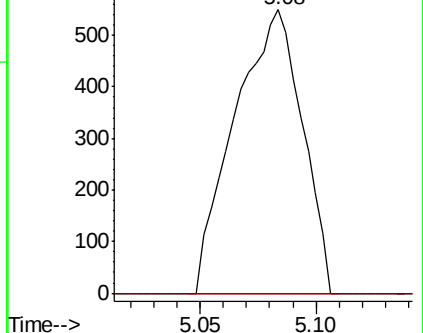
62 100

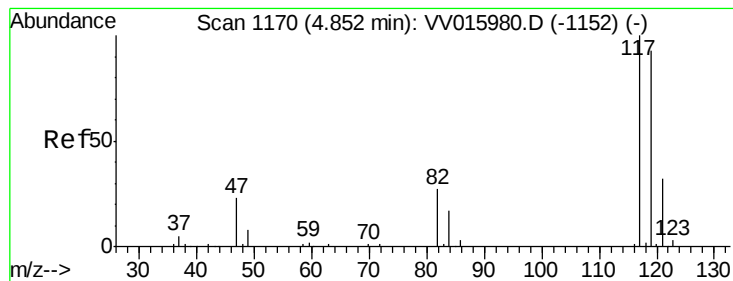
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV015980.D (-1245) (-)

Ion 98.05 (97.75 to 98.75): VV015992.D (-1172) (-)





#31

Carbon tetrachloride

Concen: 0.106 ug/L

RT: 4.86 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VV015992.D

Acq: 11 May 2020 16:11

Instrument :

MSVOA_V

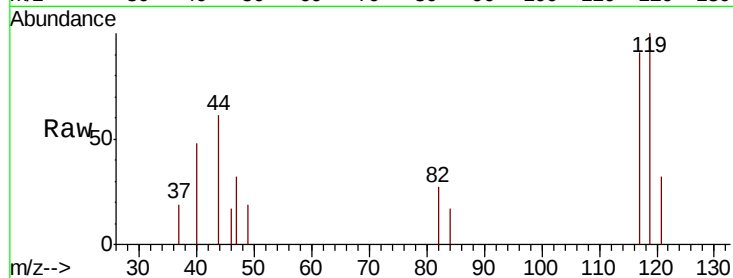
ClientSampleId :

Tot Ion:117 Resp: 1468

Ion Ratio Lower Upper

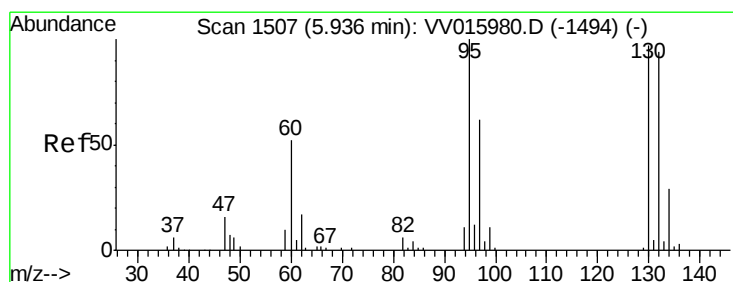
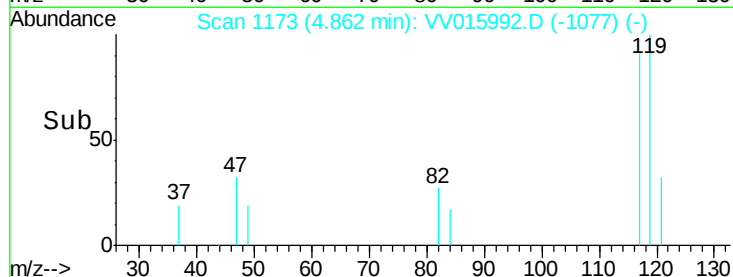
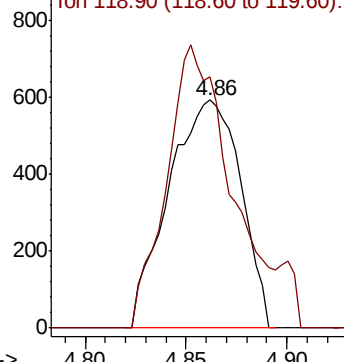
117 100

119 111.3 77.3 115.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.324 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015992.D

Acq: 11 May 2020 16:11

Tgt Ion: 95 Resp: 3375

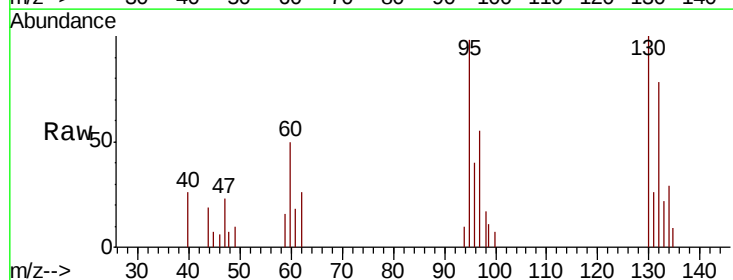
Ion Ratio Lower Upper

95 100

97 55.7 43.3 80.5

132 79.6 60.3 112.1

130 101.9 66.0 122.6

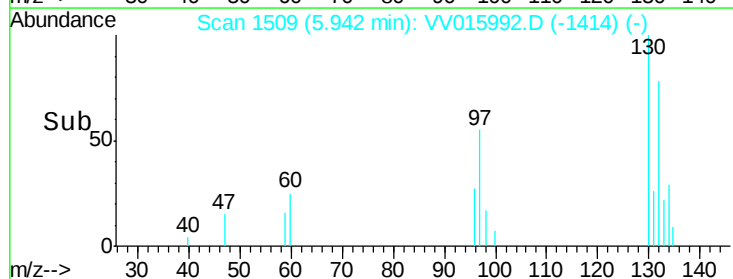
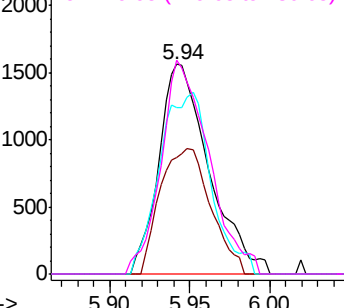


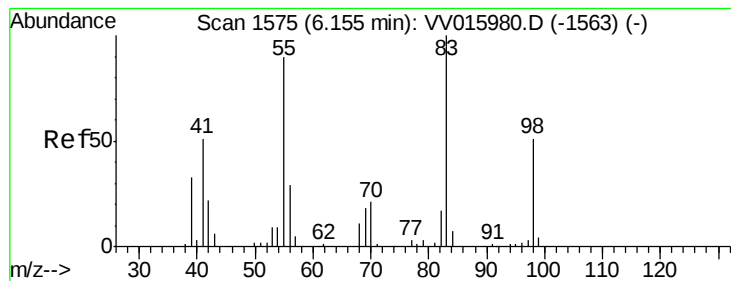
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#35

Methvlcvclohexane

Concen: 0.805 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015992.D

Acq: 11 May 2020 16:11

Instrument :

MSVOA_V

ClientSampled :

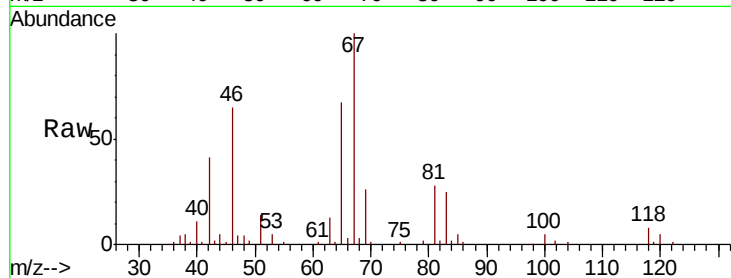
Tot Ion: 83 Resp: 12702

Ion Ratio Lower Upper

83 100

55 0.4 66.2 99.2#

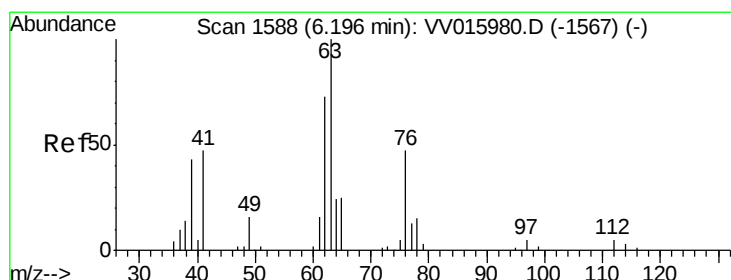
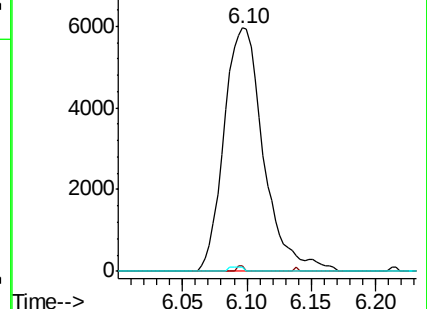
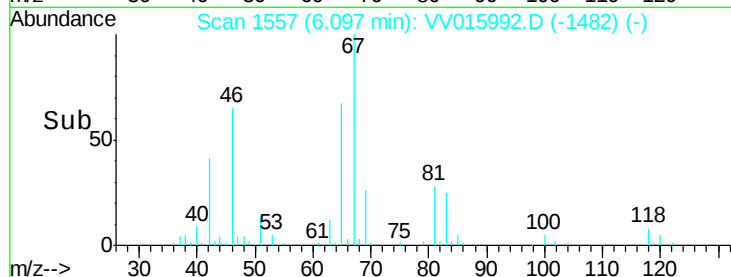
98 0.7 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015992.D

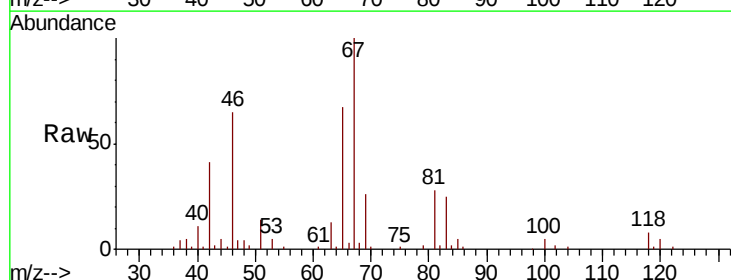
Acq: 11 May 2020 16:11

Tgt Ion: 63 Resp: 6355

Ion Ratio Lower Upper

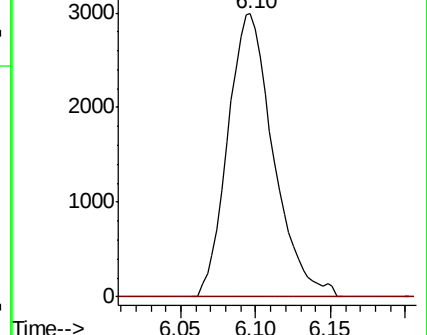
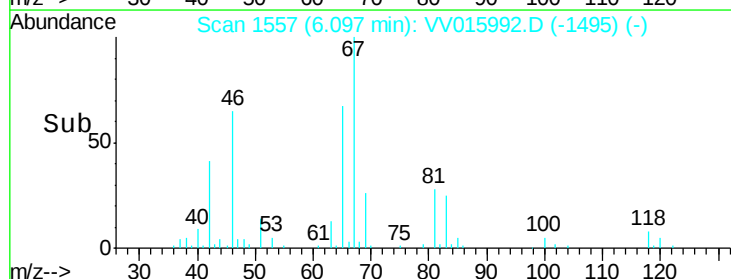
63 100

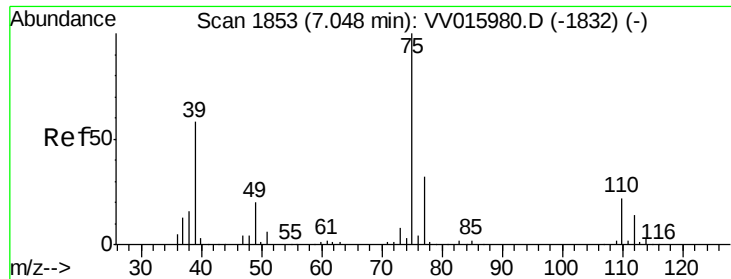
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

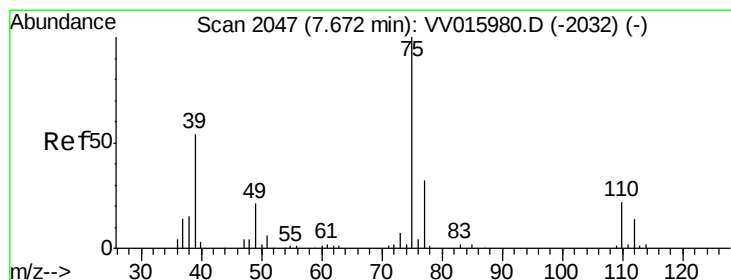
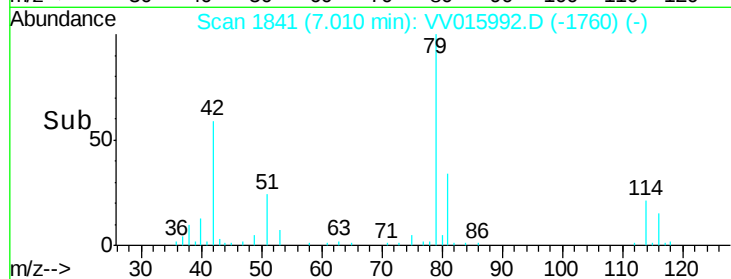
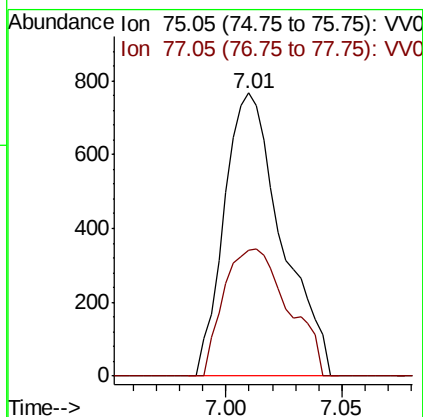
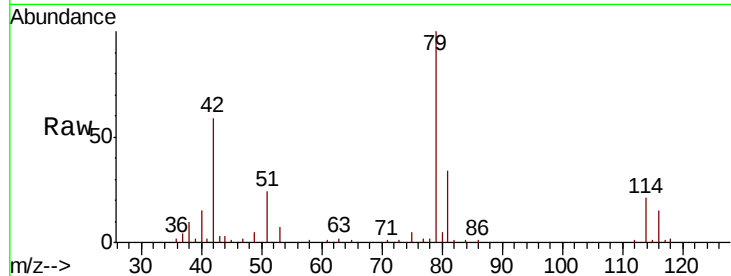




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015992.D
 Acq: 11 May 2020 16:11

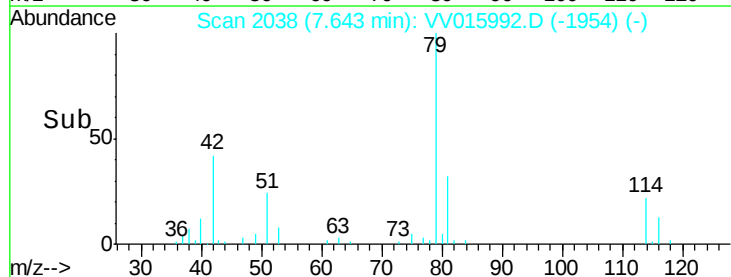
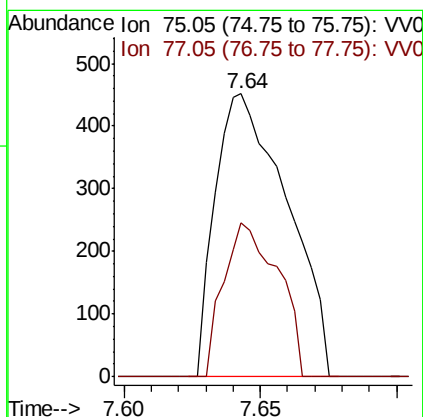
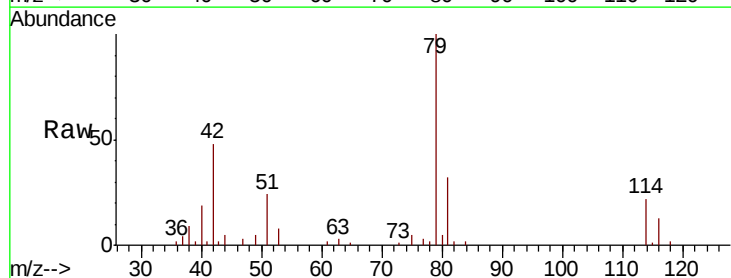
Instrument :
 MSVOA_V
 ClientSampleId :

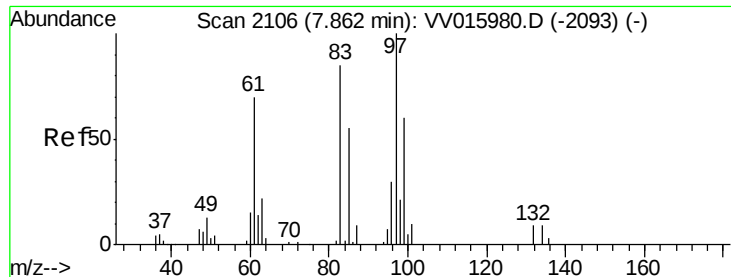
Tot Ion: 75 Resp: 1319
 Ion Ratio Lower Upper
 75 100
 77 44.3 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015992.D
 Acq: 11 May 2020 16:11

Tgt Ion: 75 Resp: 828
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.3 39.6#

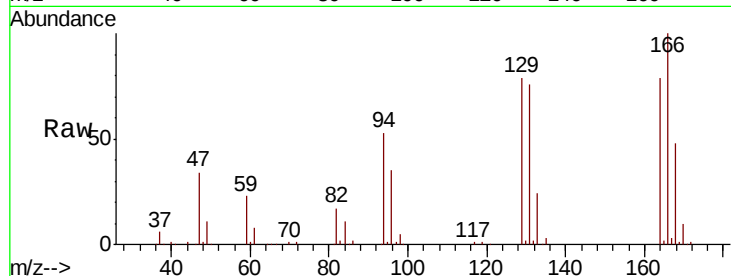




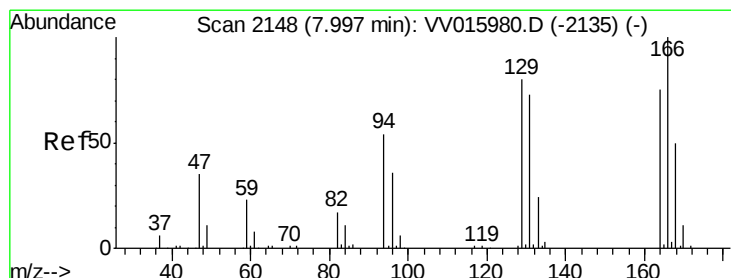
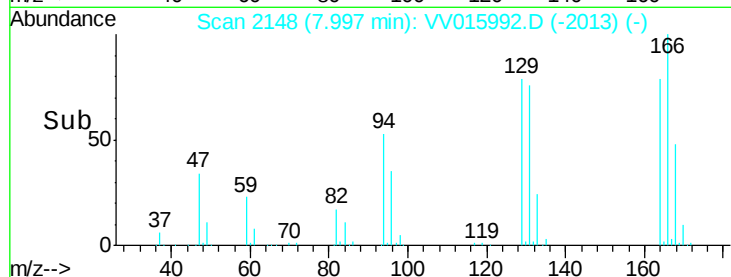
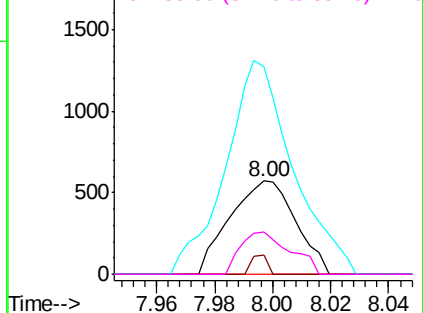
#47
1,1,2-Trichloroethane
Concen: 0.145 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.13 min
Lab File: VV015992.D
Acq: 11 May 2020 16:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 898
Ion Ratio Lower Upper
97 100
99 20.6 42.1 78.1#
83 222.8 59.2 110.0#
85 45.2 38.6 71.8



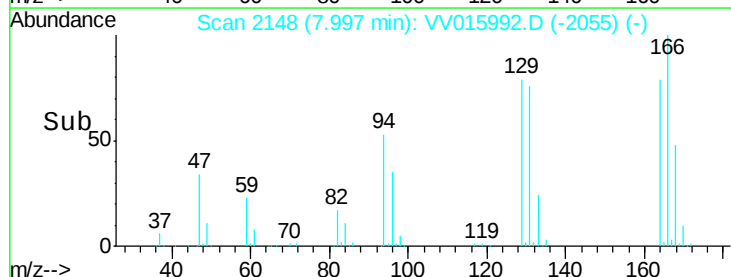
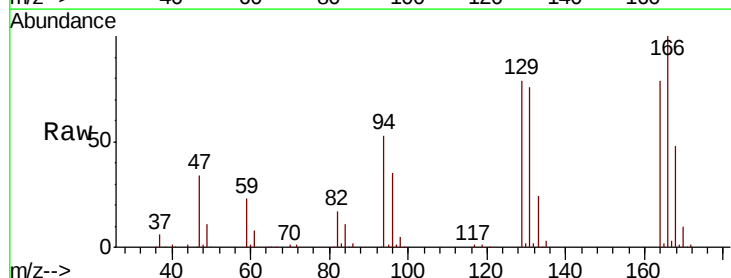
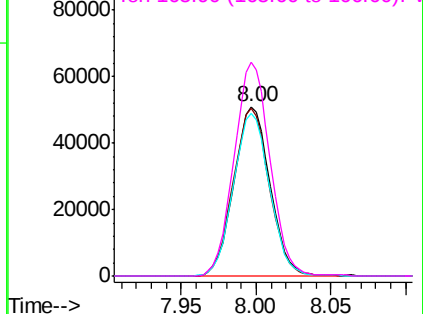
Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0

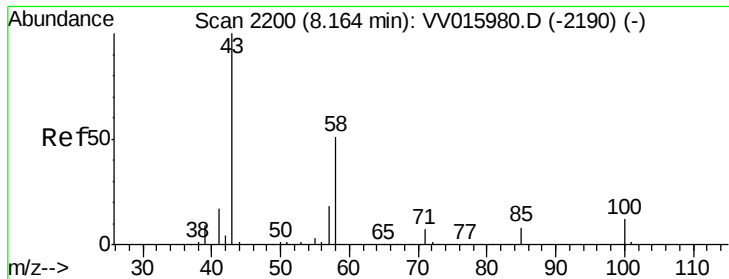


#49
Tetrachloroethene
Concen: 11.747 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015992.D
Acq: 11 May 2020 16:11

Tgt Ion: 164 Resp: 85467
Ion Ratio Lower Upper
164 100
129 99.2 69.7 129.4
131 96.4 66.8 124.2
166 126.3 89.1 165.5

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

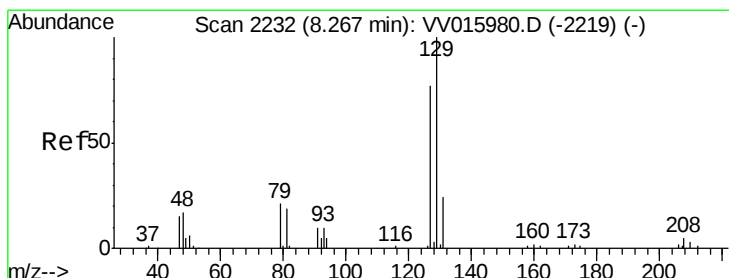
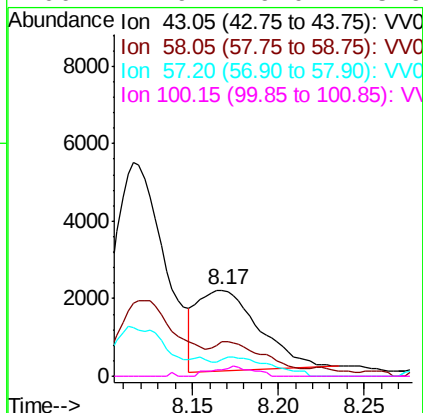
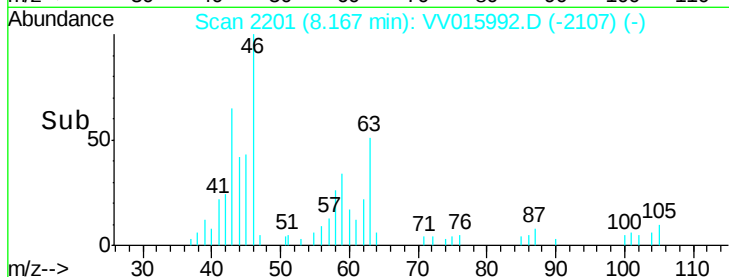
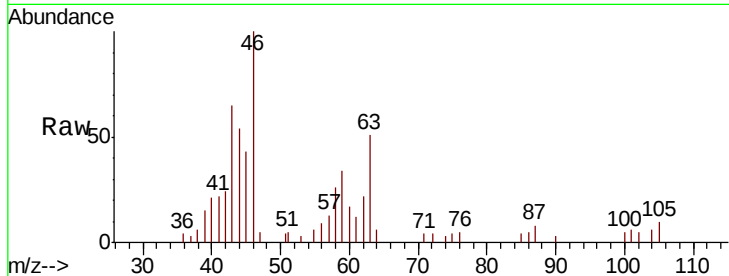




#50
2-Hexanone
Concen: 1.281 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015992.D
Acq: 11 May 2020 16:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5239
Ion Ratio Lower Upper
43 100
58 27.5 40.8 61.2#
57 20.2 14.7 22.1
100 7.9 9.0 13.6#



#51
Dibromochloromethane
Concen: 11.854 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015992.D
Acq: 11 May 2020 16:11

Tgt Ion: 129 Resp: 82552
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

