

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019573.D
 Acq On : 12 Dec 2020 22:52
 Operator : SY/MD
 Sample : L4998-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR7

Quant Time: Dec 13 07:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	627790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	581793	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	261863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	253431	56.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.60%
7) Chloroethane-d5	1.57	69	204386	57.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.12%
11) 1,1-Dichloroethene-d2	2.11	63	364152	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
21) 2-Butanone-d5	3.90	46	273247	111.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.67%
24) Chloroform-d	4.35	84	434372	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	5.04	65	303889	57.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.62%
32) Benzene-d6	5.05	84	877135	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.06%
36) 1,2-Dichloropropane-d6	6.07	67	274661	56.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.02%
41) Toluene-d8	7.32	98	776206	55.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.12%
43) trans-1,3-Dichloropropene-	7.62	79	138051	49.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.86%
47) 2-Hexanone-d5	8.09	63	207087	108.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.55%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	350471	53.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	273936	55.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.92%

Target Compounds

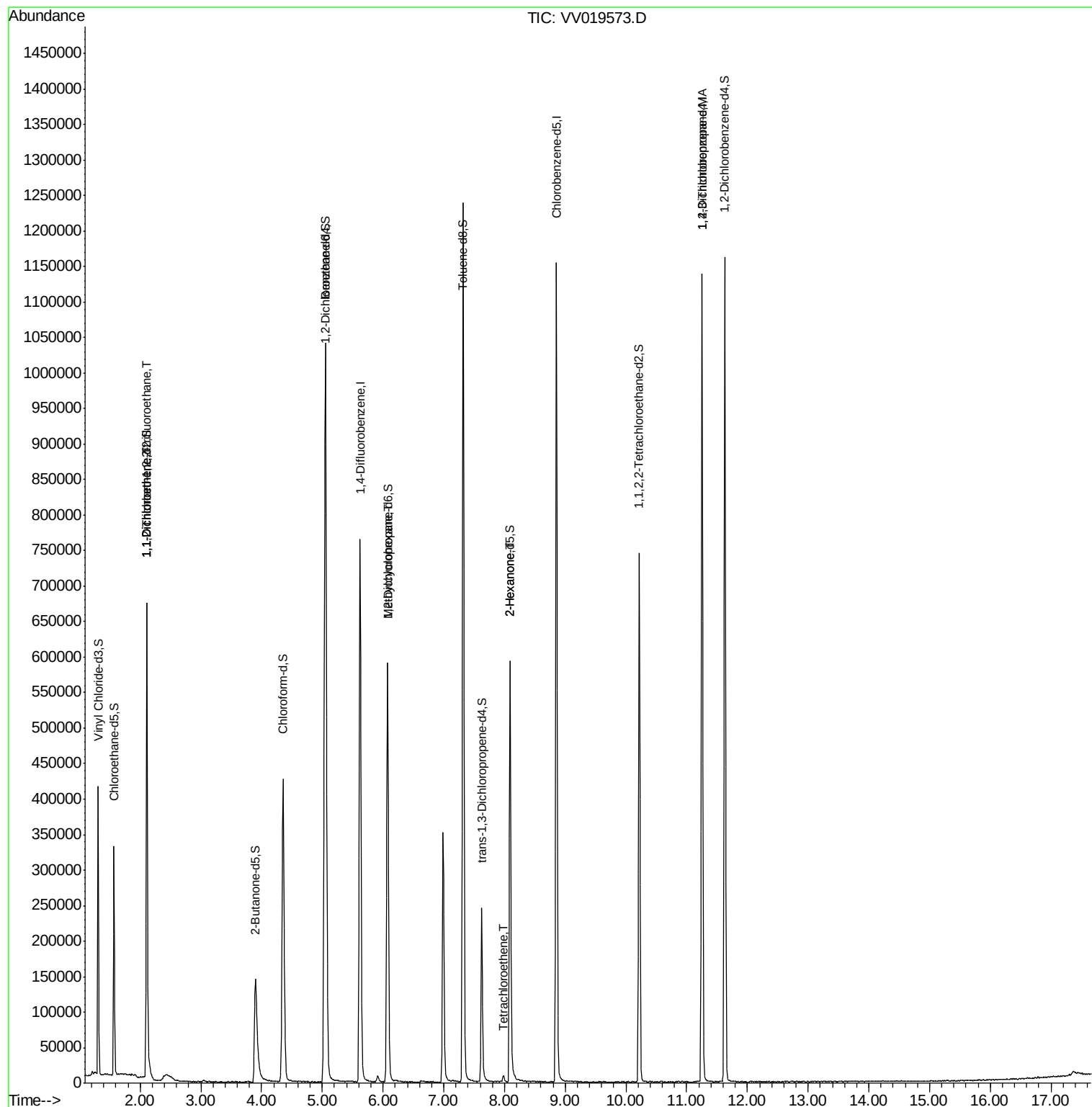
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3218	0.883 ug/L #	22
12) 1,1-Dichloroethene	2.11	96	3675	0.983 ug/L #	1
35) Methylcyclohexane	6.07	83	67345	9.869 ug/L #	18
46) Tetrachloroethene	7.98	164	2082	0.670 ug/L	97
48) 2-Hexanone	8.09	43	25057	5.155 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	36066	6.530 ug/L	91

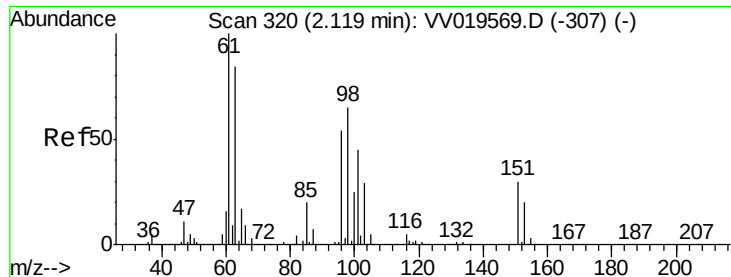
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.883 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019573.D

Acq: 12 Dec 2020 22:52

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MSVOA_V

ClientSampleId :

C0AR7

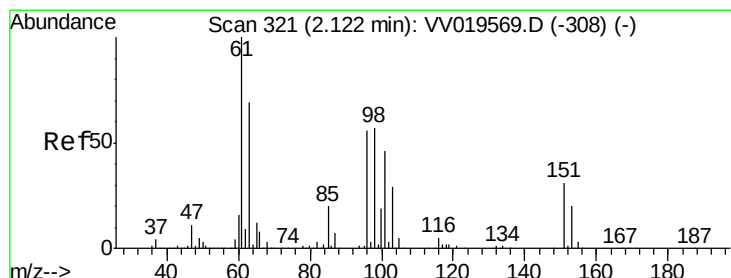
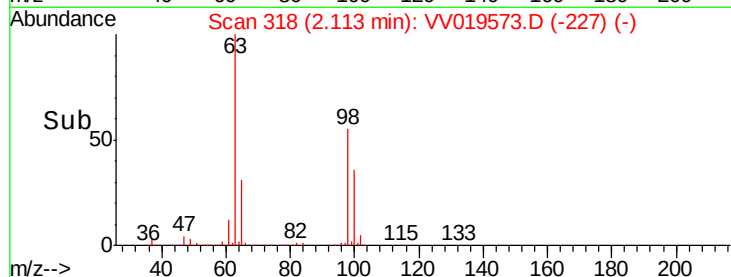
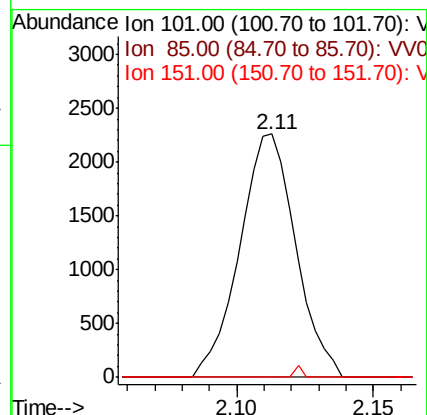
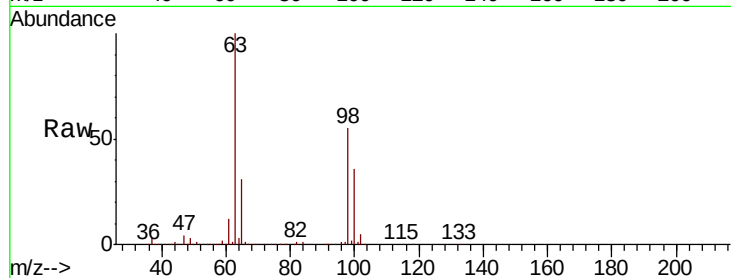
Tot Ion:101 Resp: 3218

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.8 83.8#



#12

1,1-Dichloroethene

Concen: 0.983 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019573.D

Acq: 12 Dec 2020 22:52

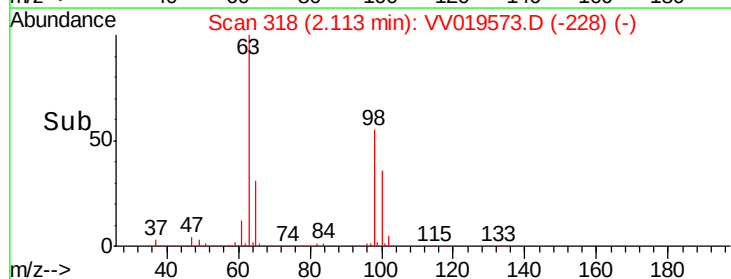
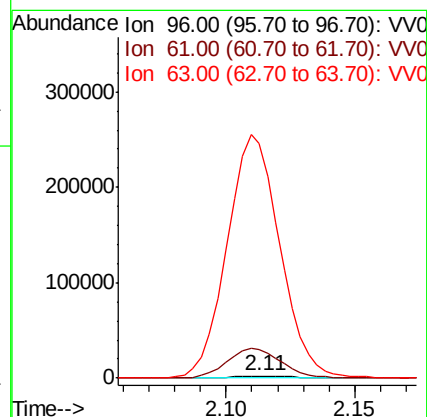
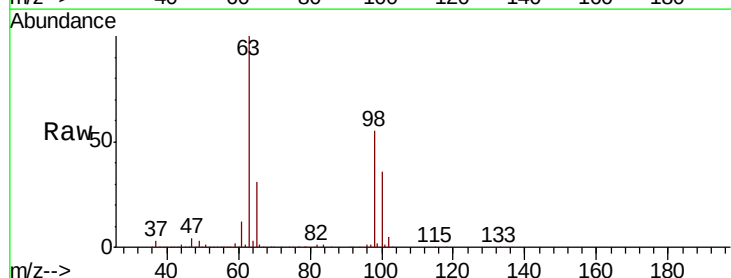
Tgt Ion: 96 Resp: 3675

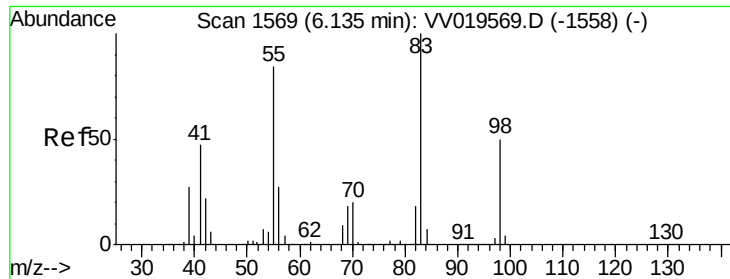
Ion Ratio Lower Upper

96 100

61 1289.2 120.7 224.1#

63 10760.7 64.3 119.5#

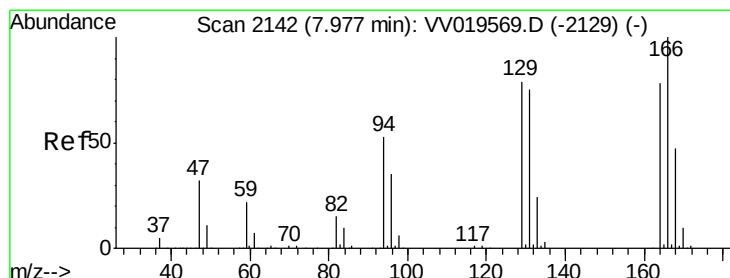
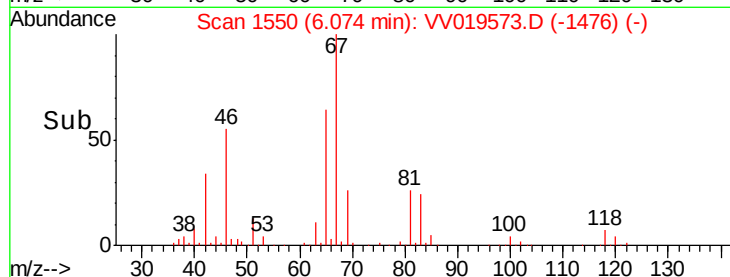
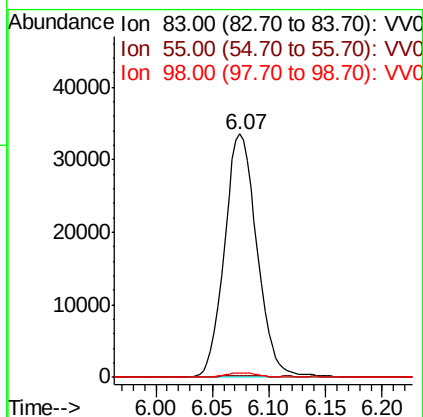
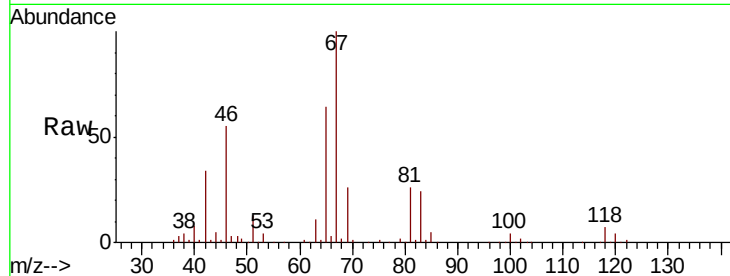




#35
Methvlcvclohexane
Concen: 9.869 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019573.D
Acq: 12 Dec 2020 22:52

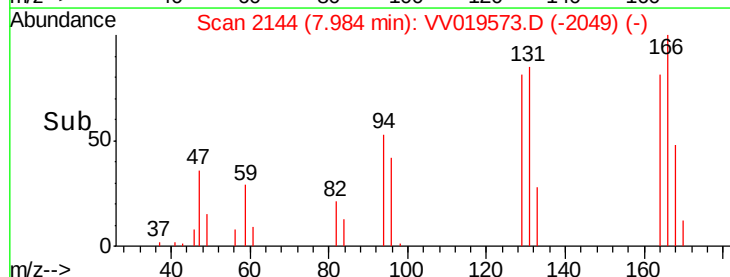
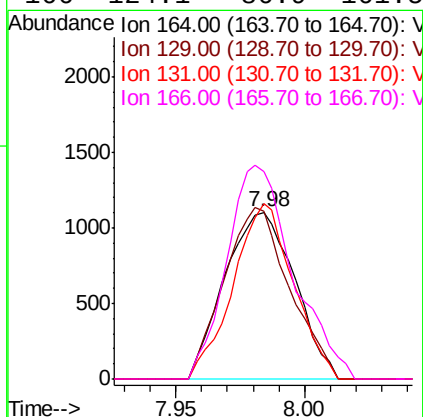
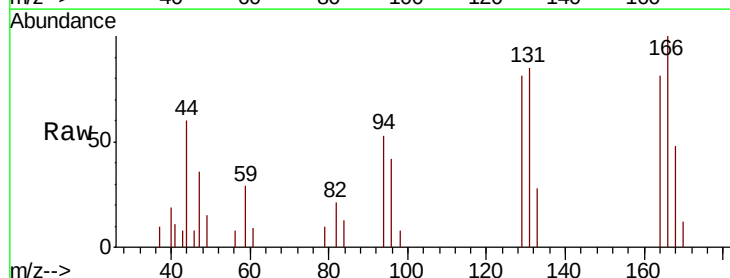
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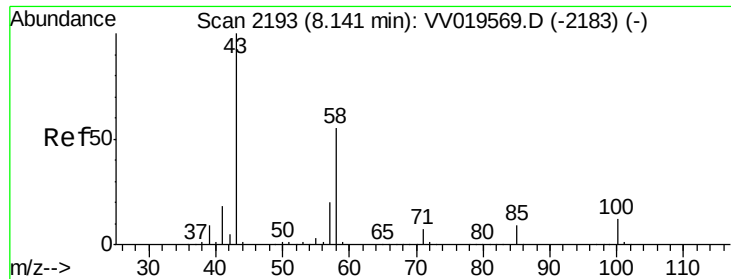
Tot Ion: 83 Resp: 67345
Ion Ratio Lower Upper
83 100
55 1.1 64.2 96.4#
98 0.9 39.3 58.9#



#46
Tetrachloroethene
Concen: 0.670 ug/L
RT: 7.98 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VV019573.D
Acq: 12 Dec 2020 22:52

Tgt Ion: 164 Resp: 2082
Ion Ratio Lower Upper
164 100
129 100.8 70.6 131.0
131 105.4 68.0 126.4
166 124.1 86.9 161.5

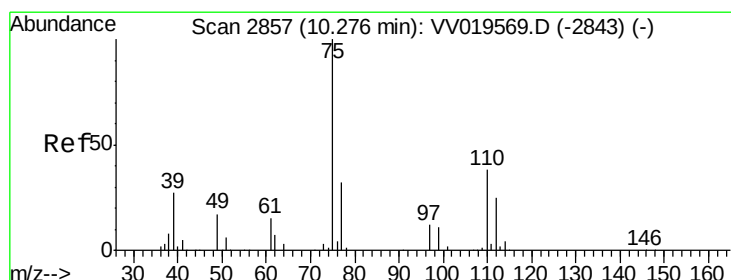
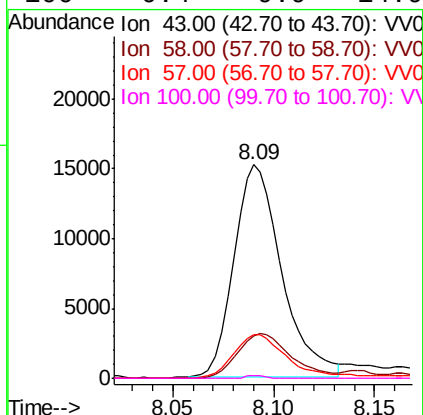
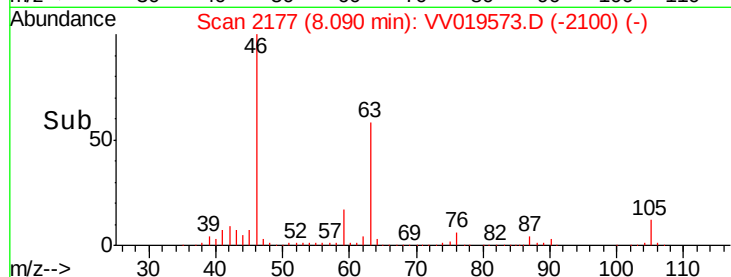
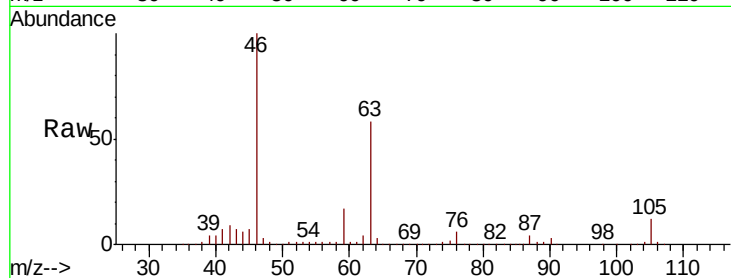




#48
2-Hexanone
Concen: 5.155 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019573.D
Acq: 12 Dec 2020 22:52

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Tot Ion	Ratio	Lower	Upper
43	100		
58	23.3	44.4	66.6#
57	23.5	15.7	23.5
100	0.4	9.9	14.9#



#59
1,2,3-Trichloropropane
Concen: 6.530 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.97 min
Lab File: VV019573.D
Acq: 12 Dec 2020 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.8	38.8

