

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
 Data File : VV0192281.D
 Acq On : 05 Nov 2020 16:21
 Operator : SY/MD
 Sample : L4615-11MERE
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 22:41:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 22:32:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241367	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83531	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.10%
7) Chloroethane-d5	1.57	69	73036	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.02%
11) 1,1-Dichloroethene-d2	2.10	63	129242	35.42	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	3.92	46	120331	102.43	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.43%
24) Chloroform-d	4.37	84	174186	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.05	65	131084	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
32) Benzene-d6	5.07	84	334110	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.09	67	106584	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	7.33	98	299829	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	7.64	79	55363	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.14	63	82697	92.92	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128832	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	125065	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

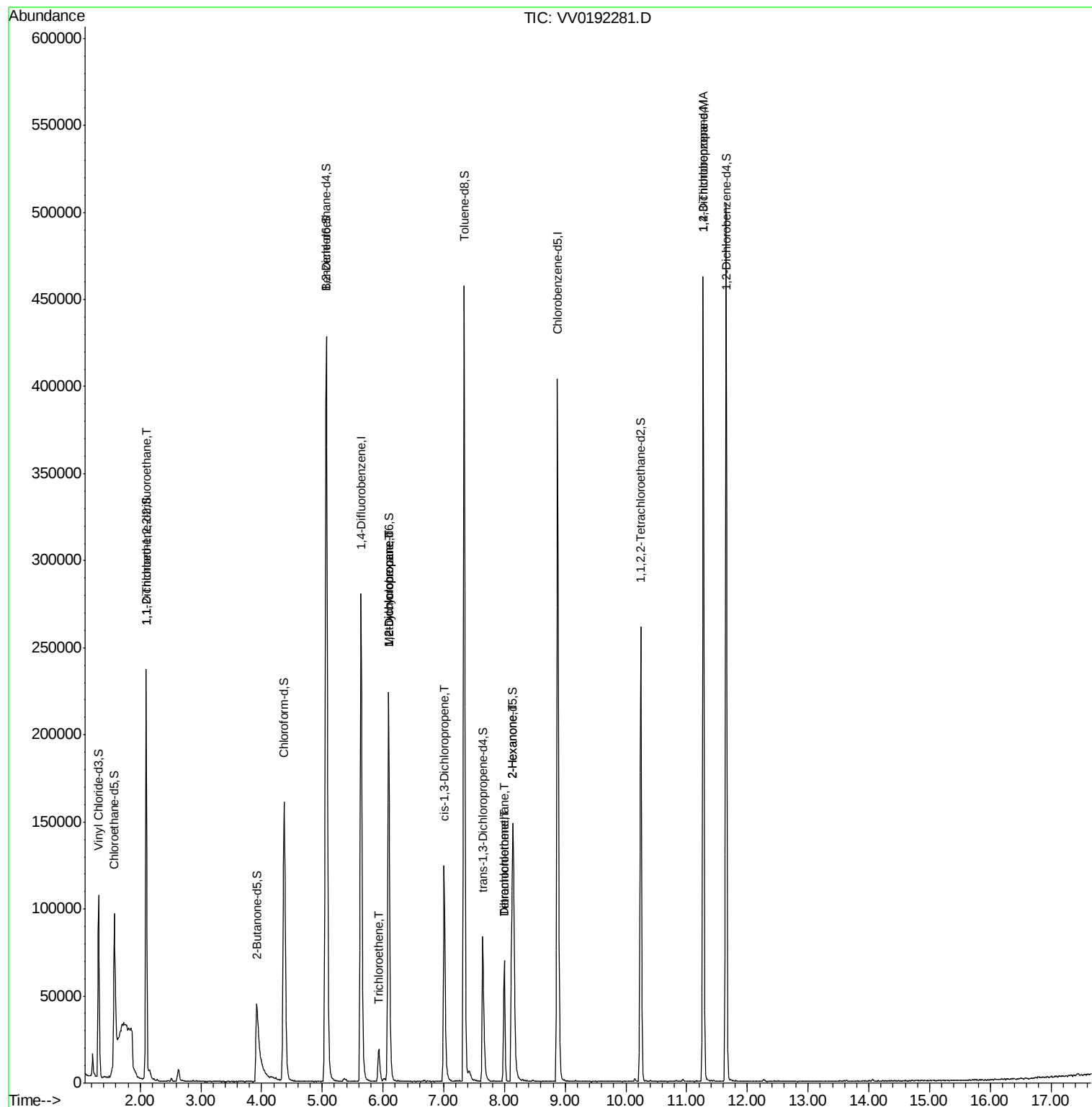
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1151	0.728 ug/L #	20
34) Trichloroethene	5.94	95	2451	1.277 ug/L	85
35) Methylcyclohexane	6.09	83	26570	10.255 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13278	7.632 ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	3889	1.353 ug/L	88
46) Tetrachloroethene	8.00	164	15897	9.701 ug/L	98
48) 2-Hexanone	8.14	43	13019	6.825 ug/L #	68
49) Dibromochloromethane	8.00	129	14321	6.779 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	13718	6.032 ug/L #	87

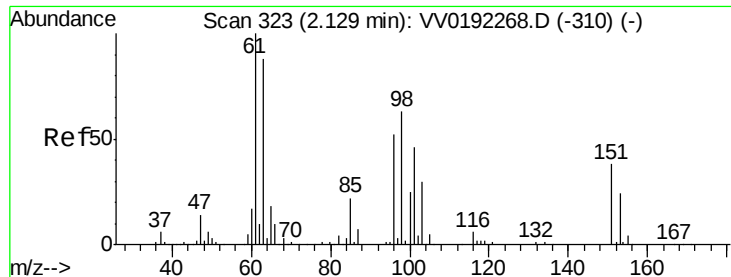
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV110720\
Data File : VV0192281.D
Acq On : 05 Nov 2020 16:21
Operator : SY/MD
Sample : L4615-11MERE
Misc : 6.02µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 05 22:41:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 05 22:32:19 2020
Response via : Initial Calibration





#10

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

Concen: 0.728 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV0192281.D

Acq: 05 Nov 2020 16:21

Instrument :

MSVOA_V

ClientSampled :

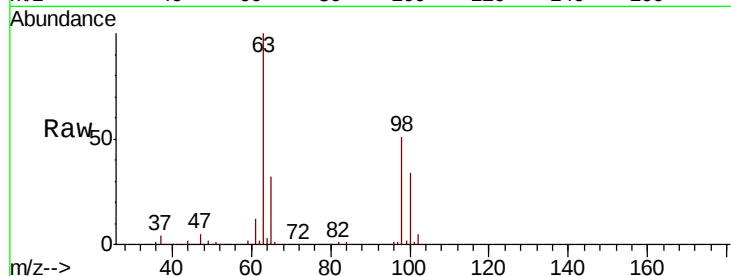
Tot Ion:101 Resp: 1151

Ion Ratio Lower Upper

101 100

85 5.3 36.1 54.1#

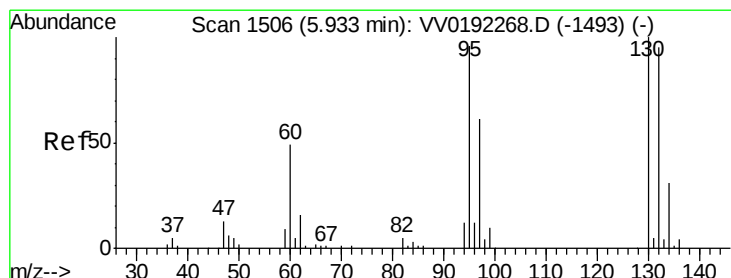
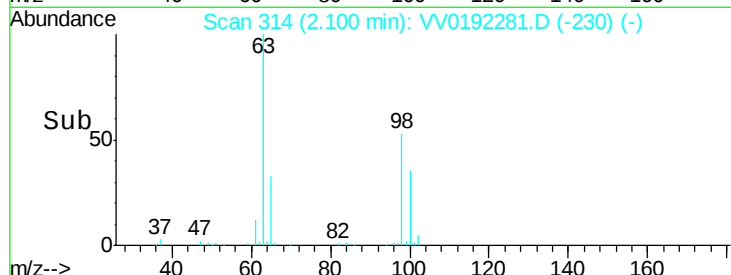
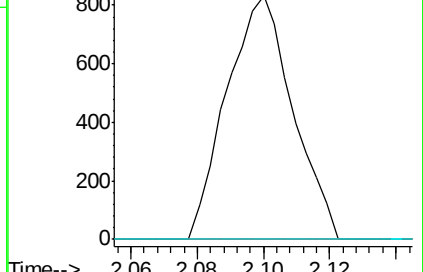
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 1.277 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV0192281.D

Acq: 05 Nov 2020 16:21

Tgt Ion: 95 Resp: 2451

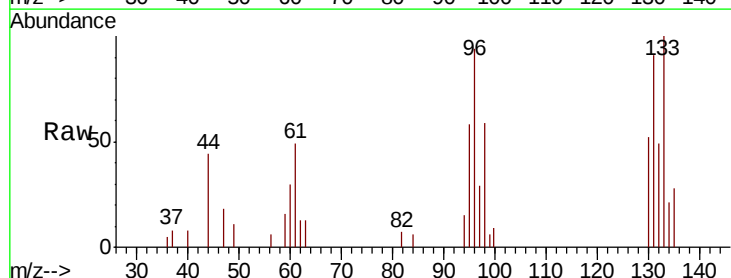
Ion Ratio Lower Upper

95 100

97 50.6 43.4 80.6

132 84.0 69.7 129.4

130 88.8 72.4 134.5

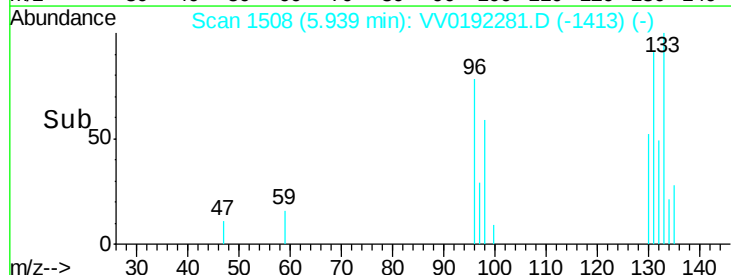
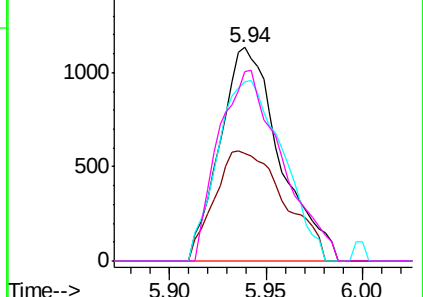


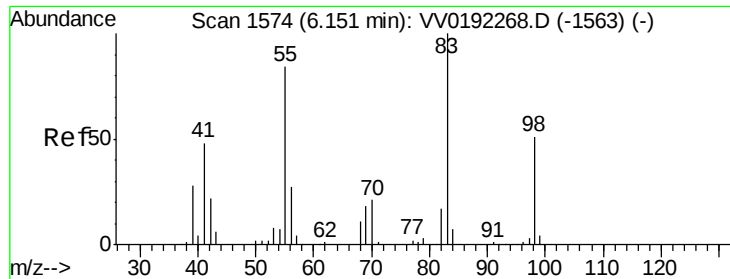
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

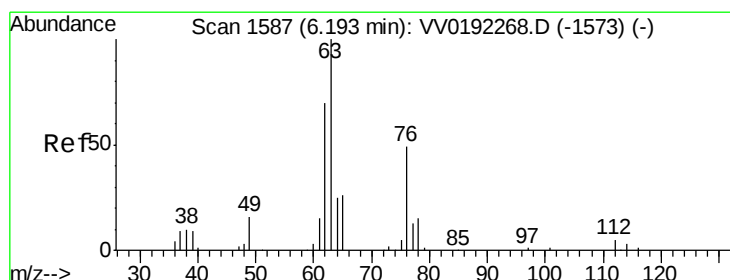
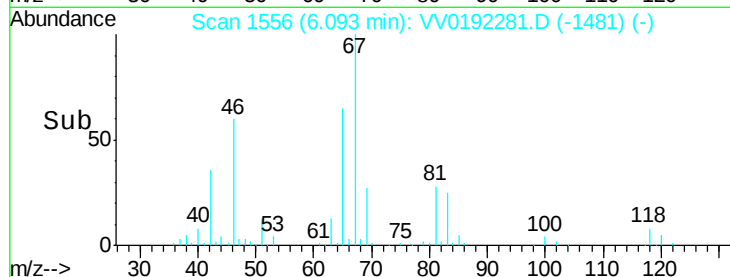
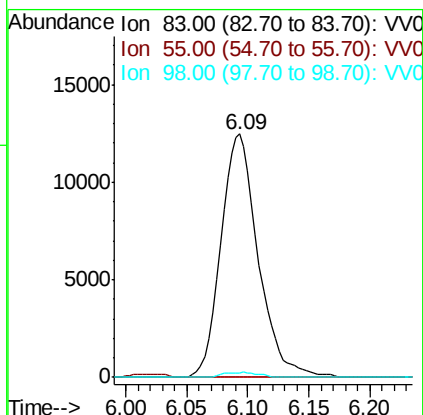
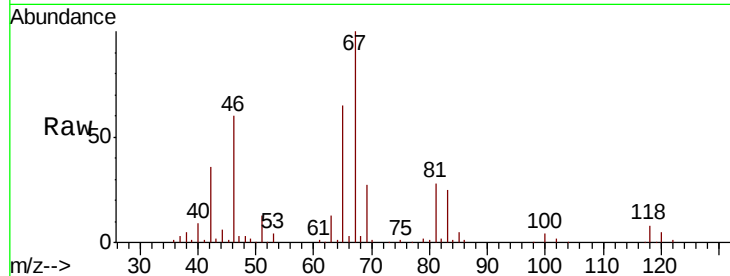




#35
Methvlcvclohexane
Concen: 10.255 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV0192281.D
Acq: 05 Nov 2020 16:21

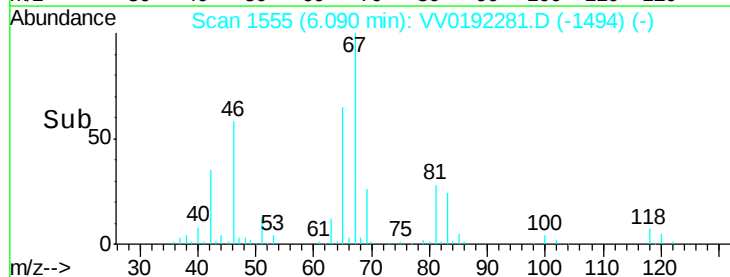
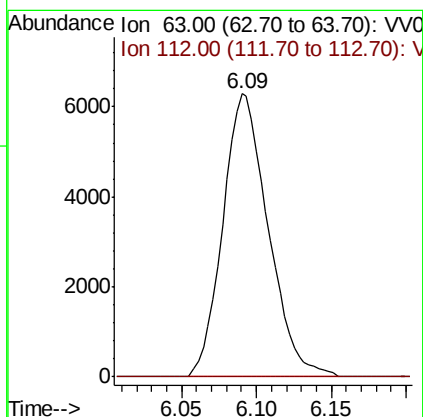
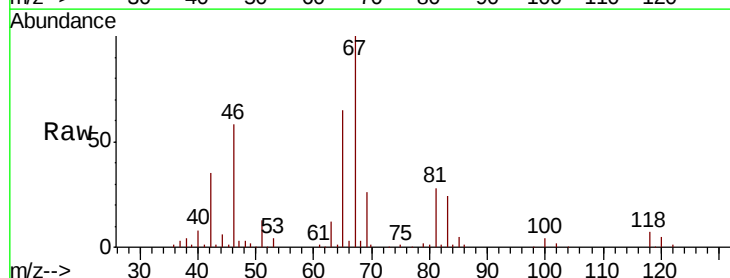
Instrument :
MSVOA_V
ClientSampleId :

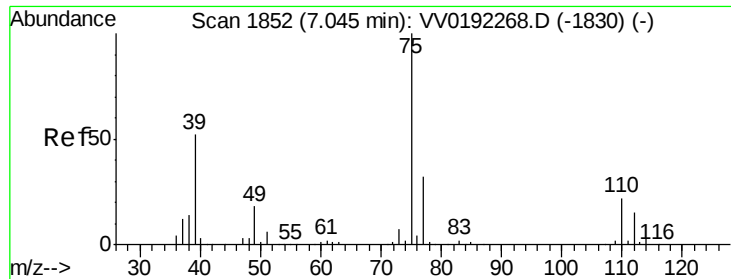
Tot Ion: 83 Resp: 26570
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 1.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 7.632 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV0192281.D
Acq: 05 Nov 2020 16:21

Tgt Ion: 63 Resp: 13278
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

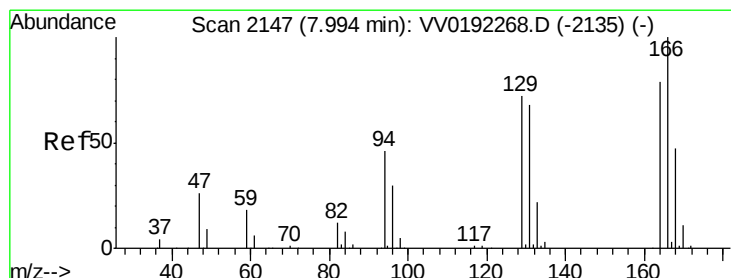
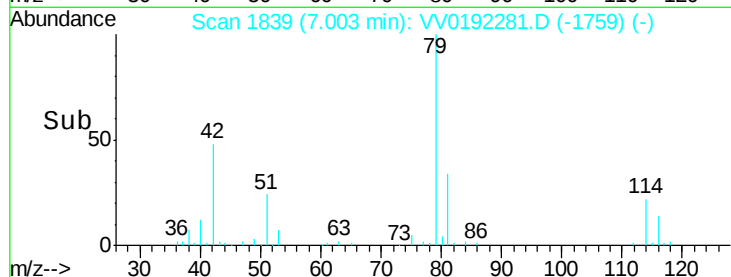
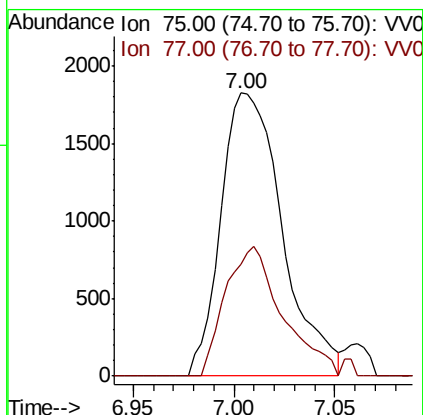
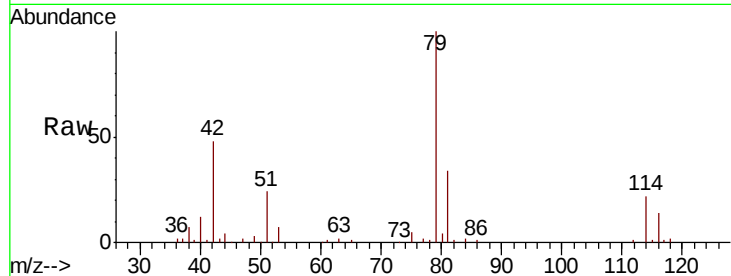




#39
 cis-1,3-Dichloropropene
 Concen: 1.353 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV0192281.D
 Acq: 05 Nov 2020 16:21

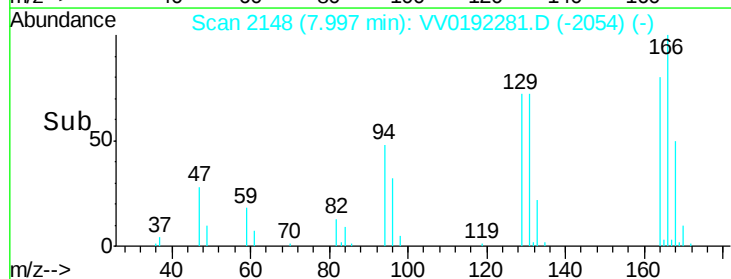
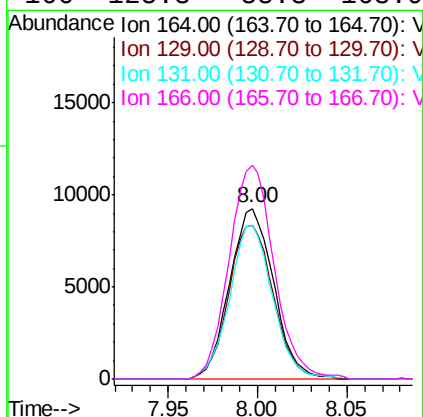
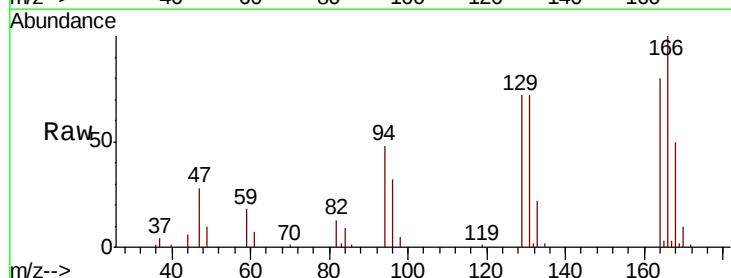
Instrument :
 MSVOA_V
 ClientSampleId :

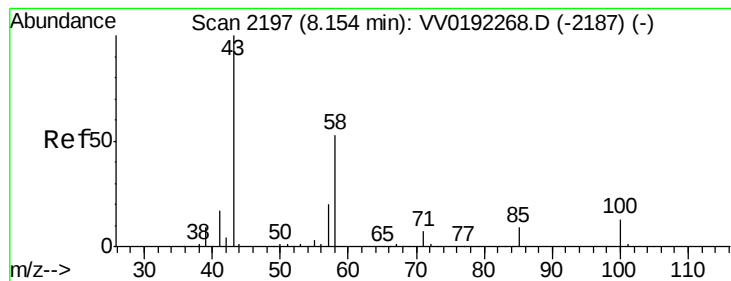
Tot Ion: 75 Resp: 3889
 Ion Ratio Lower Upper
 75 100
 77 39.3 22.7 42.1



#46
 Tetrachloroethene
 Concen: 9.701 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV0192281.D
 Acq: 05 Nov 2020 16:21

Tgt Ion: 164 Resp: 15897
 Ion Ratio Lower Upper
 164 100
 129 89.8 63.2 117.4
 131 90.3 60.3 112.1
 166 125.3 88.3 163.9





#48

2-Hexanone

Concen: 6.825 ug/L

RT: 8.14 min Scan# 2192

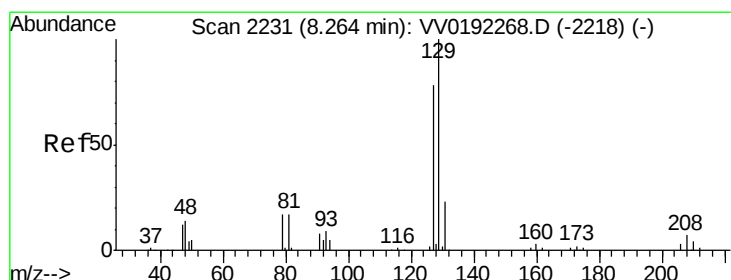
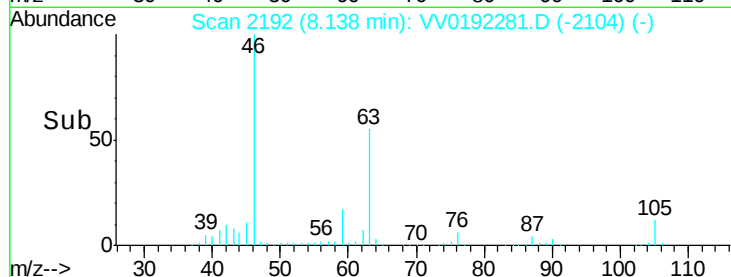
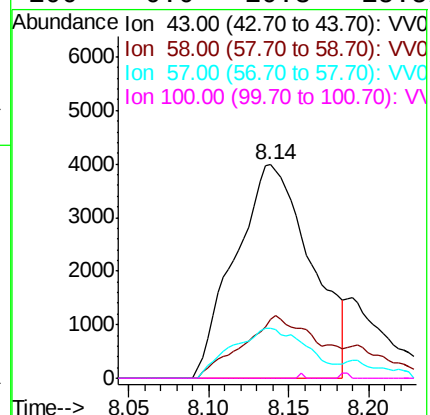
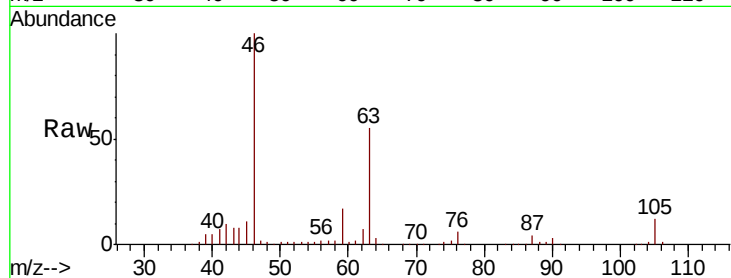
Delta R.T. -0.02 min

Lab File: VV0192281.D

Acq: 05 Nov 2020 16:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	13019
Ion	Ratio	Lower	Upper
43	100		
58	25.0	43.6	65.4#
57	16.0	16.0	24.0#
100	0.0	10.3	15.5#



#49

Dibromochloromethane

Concen: 6.779 ug/L

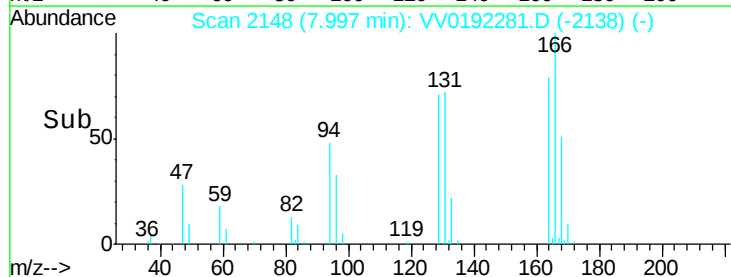
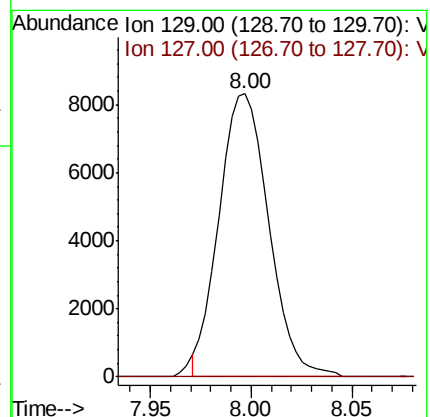
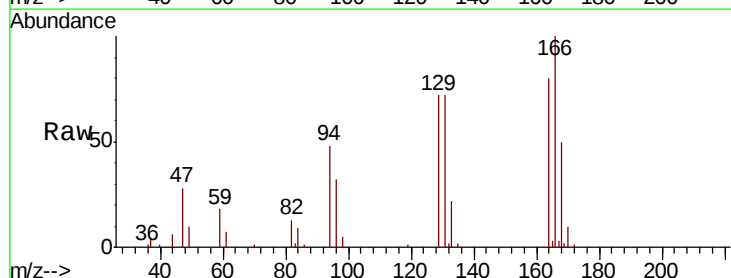
RT: 8.00 min Scan# 2148

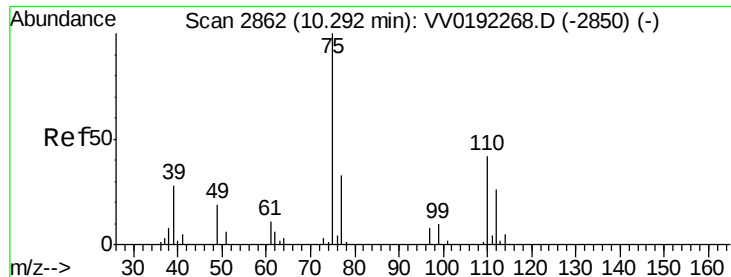
Delta R.T. -0.27 min

Lab File: VV0192281.D

Acq: 05 Nov 2020 16:21

Tgt Ion:	129	Resp:	14321
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59

1,2,3-Trichloropropane

Concen: 6.032 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV0192281.D

Acq: 05 Nov 2020 16:21

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 13718

Ion Ratio Lower Upper

75 100

77 40.0 26.2 39.4#

