

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
 Data File : VV0192282.D
 Acq On : 05 Nov 2020 16:44
 Operator : SY/MD
 Sample : L4615-12MERE
 Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 22:41:15 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	243878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84310	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	72309	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.06%
11) 1,1-Dichloroethene-d2	2.10	63	132795	36.02	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.04%
21) 2-Butanone-d5	3.92	46	101648	85.63	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.63%
24) Chloroform-d	4.37	84	171559	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.05	65	130416	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
32) Benzene-d6	5.07	84	331618	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.09	67	107687	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.26%
41) Toluene-d8	7.33	98	294292	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.64	79	55491	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.84%
47) 2-Hexanone-d5	8.14	63	82489	92.20	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	126350	45.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	121425	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

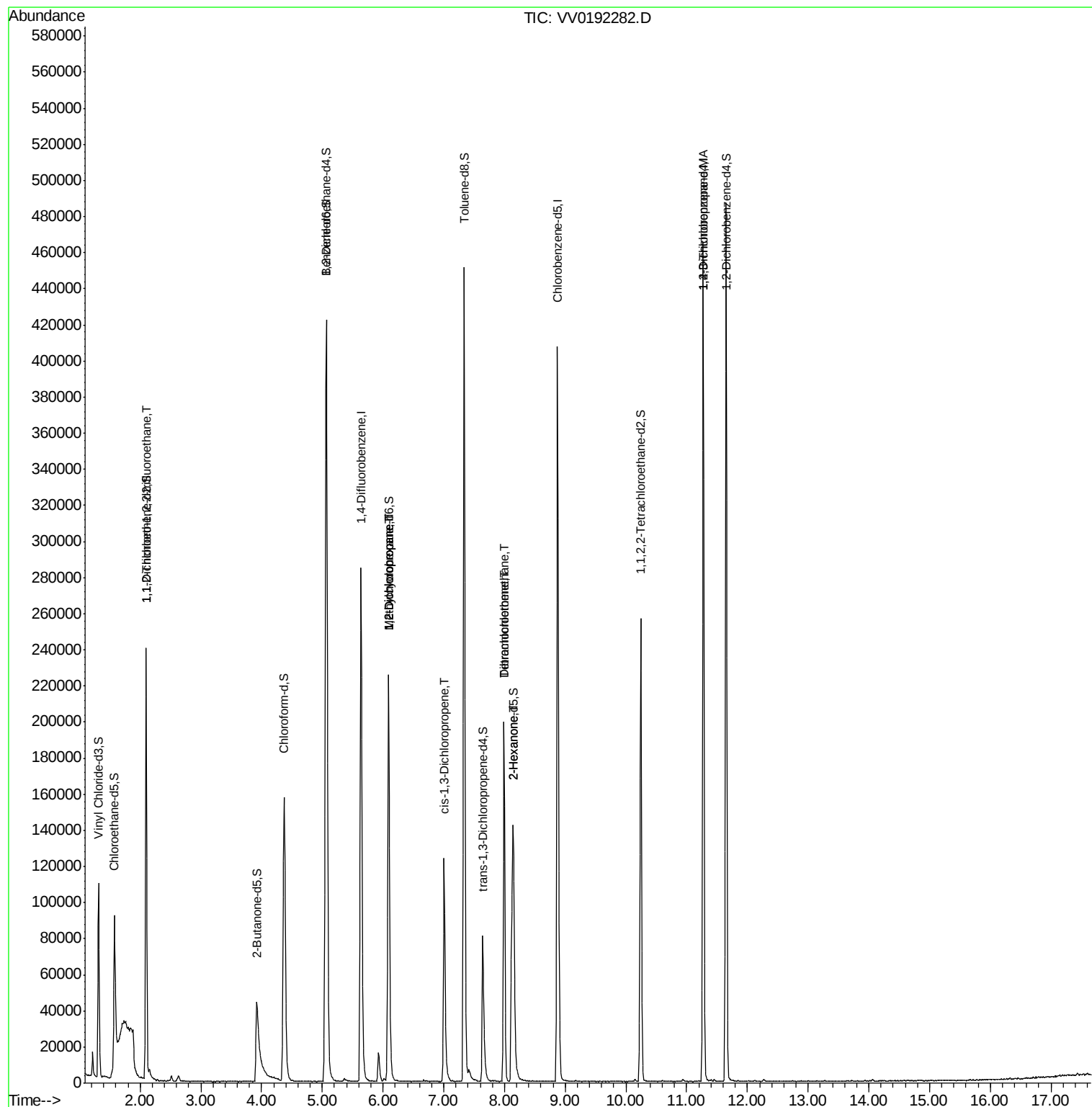
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1291	0.808	ug/L # 17
35) Methylcyclohexane	6.09	83	27512	10.563	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	13202	7.549	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	3562	1.233	ug/L # 65
46) Tetrachloroethene	7.99	164	44811	27.201	ug/L # 98
48) 2-Hexanone	8.14	43	11696	6.099	ug/L # 59
49) Dibromochloromethane	7.99	129	40270	18.962	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	13600	5.948	ug/L # 92

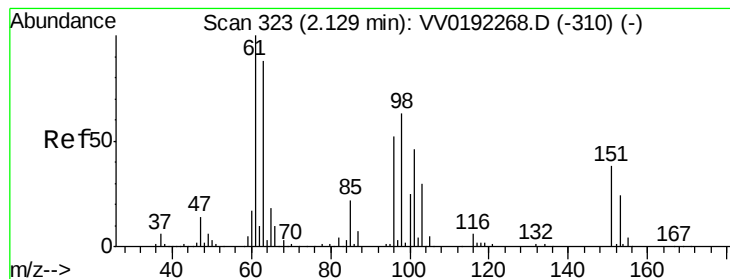
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 05 22:41:15 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: 0.808 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV0192282.D

Acq: 05 Nov 2020 16:44

Instrument :

MSVOA_V

ClientSampleId :

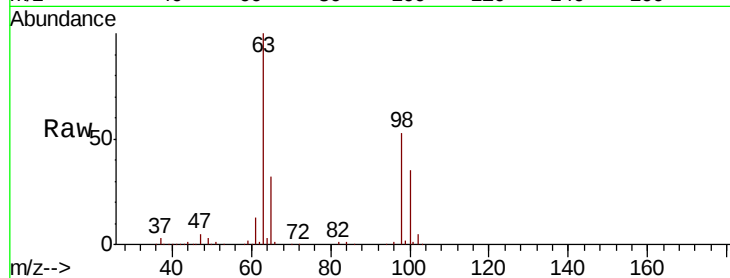
Tot Ion:101 Resp: 1291

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

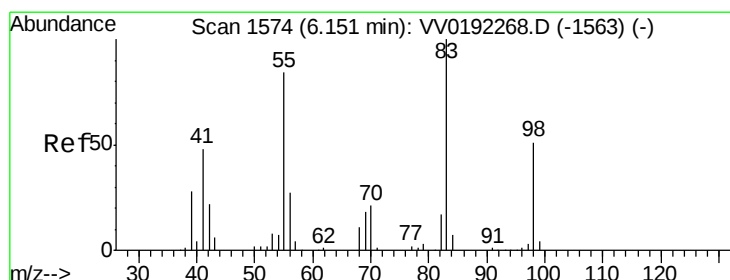
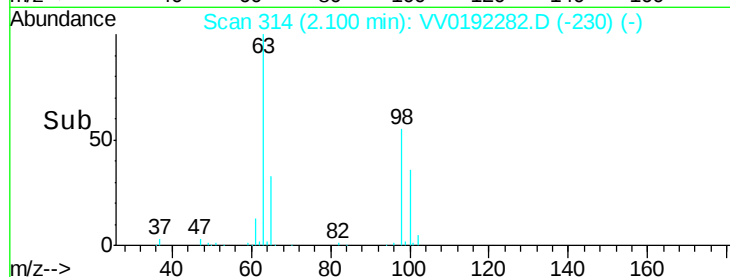
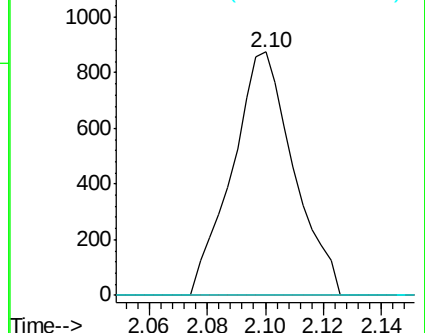
151 0.0 65.0 97.4#



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



#35

Methylcyclohexane

Concen: 10.563 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV0192282.D

Acq: 05 Nov 2020 16:44

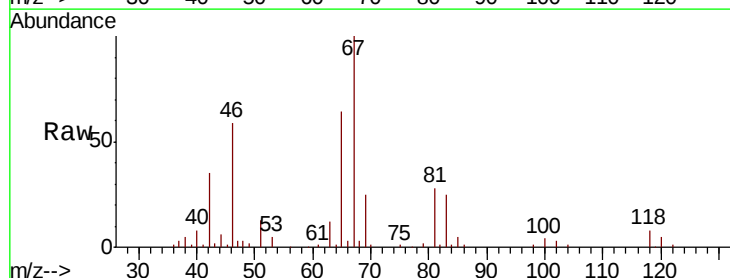
Tgt Ion: 83 Resp: 27512

Ion Ratio Lower Upper

83 100

55 0.4 62.2 93.4#

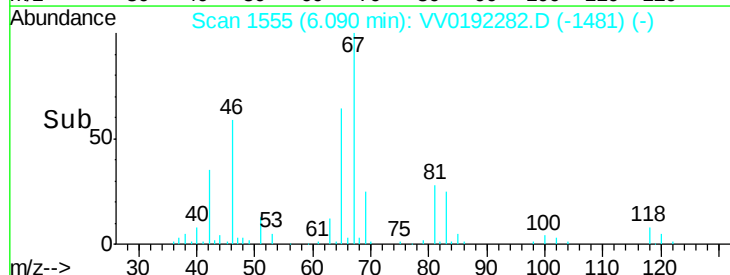
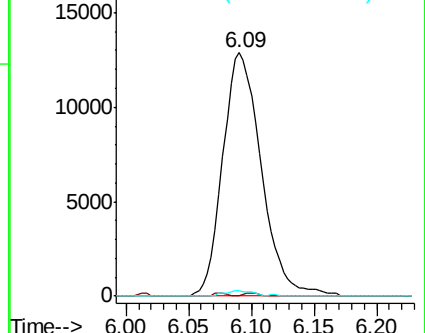
98 1.6 39.4 59.2#

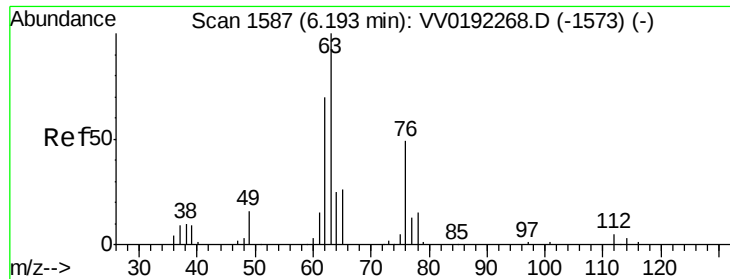


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

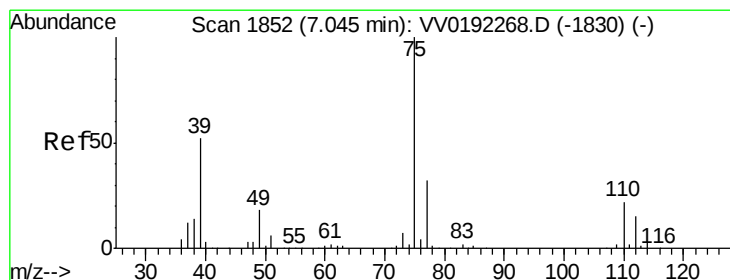
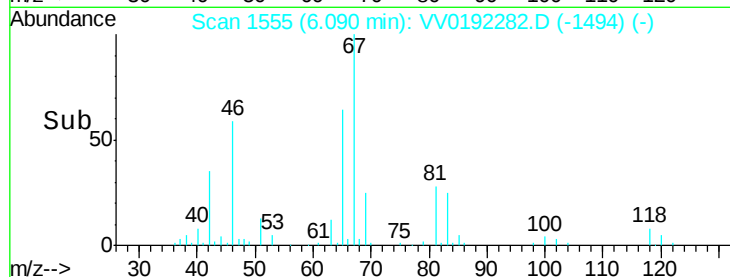
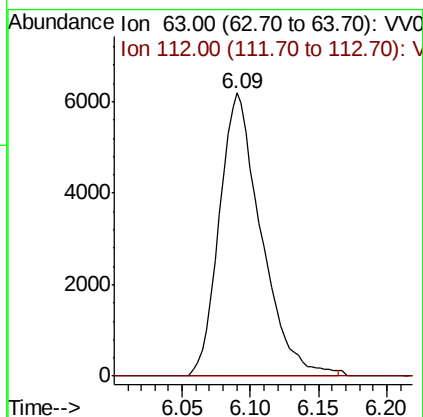
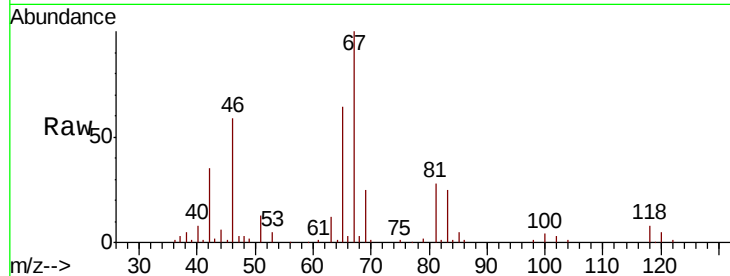




#37
 1,2-Dichloropropane
 Concen: 7.549 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV0192282.D
 Acq: 05 Nov 2020 16:44

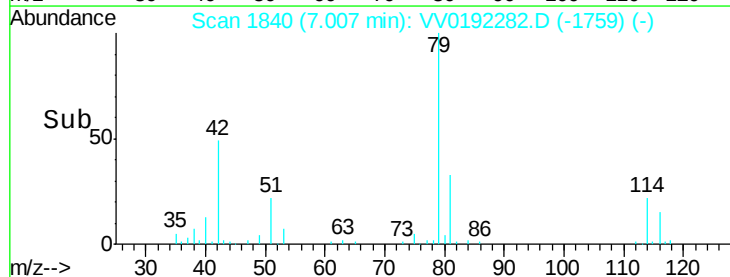
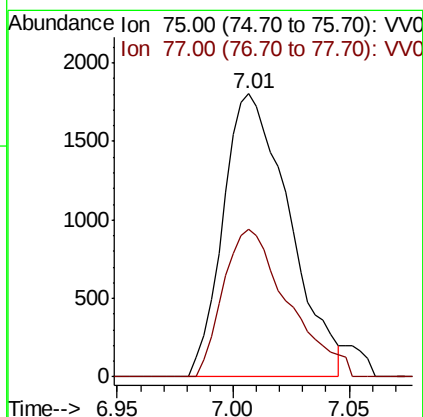
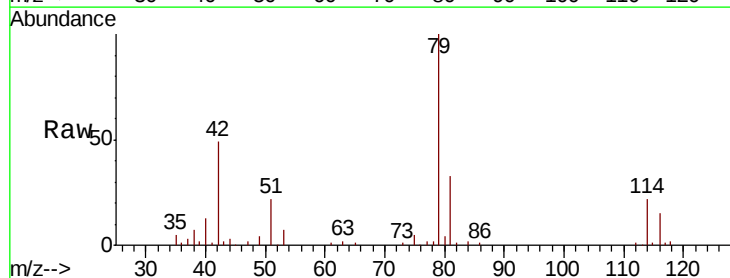
Instrument :
 MSVOA_V
 ClientSampleId :

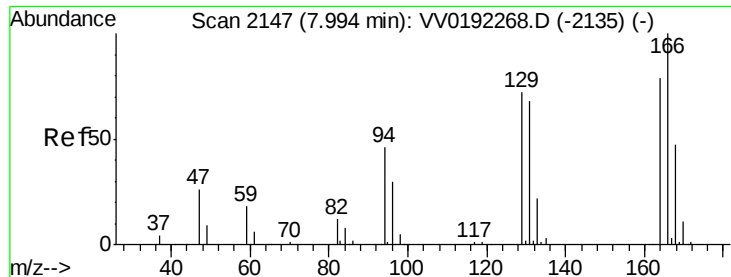
Tot Ion: 63 Resp: 13202
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.233 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV0192282.D
 Acq: 05 Nov 2020 16:44

Tgt Ion: 75 Resp: 3562
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.7 42.1#

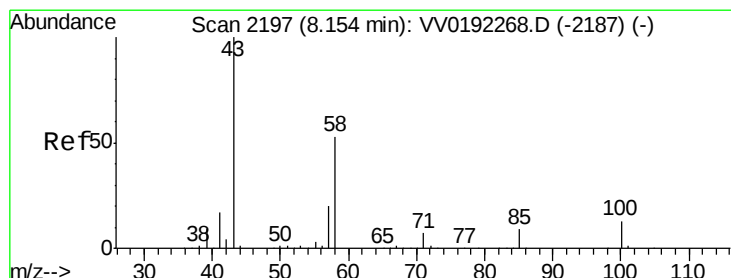
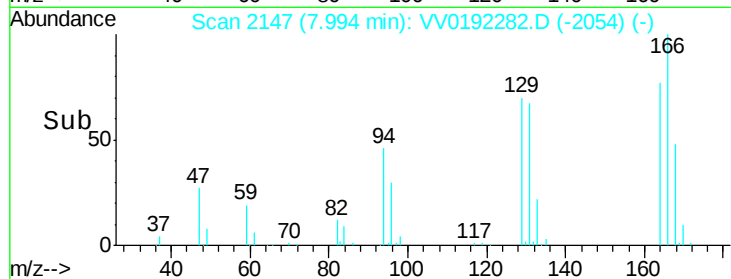
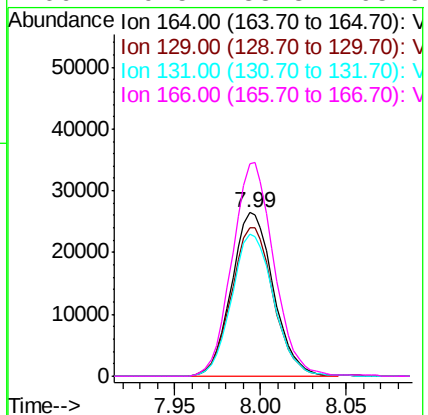
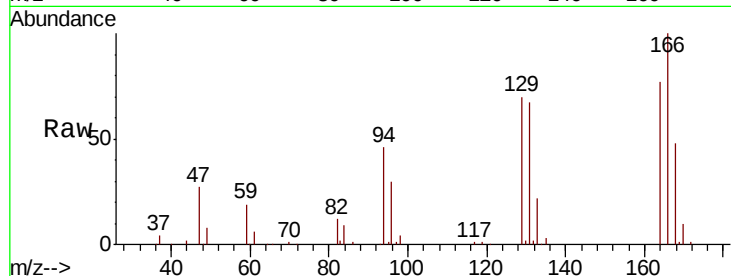




#46
Tetrachloroethene
Concen: 27.201 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV0192282.D
Acq: 05 Nov 2020 16:44

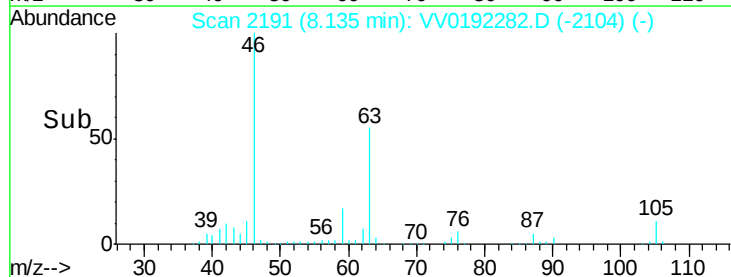
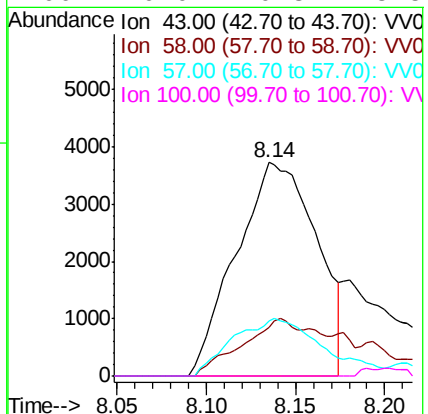
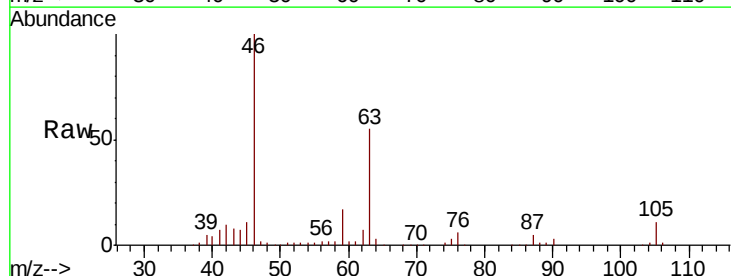
Instrument :
MSVOA_V
ClientSampleId :

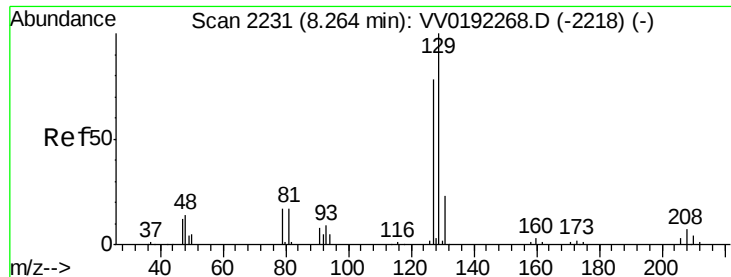
Tot Ion:164 Resp: 44811
Ion Ratio Lower Upper
164 100
129 91.1 63.2 117.4
131 86.8 60.3 112.1
166 129.5 88.3 163.9



#48
2-Hexanone
Concen: 6.099 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VV0192282.D
Acq: 05 Nov 2020 16:44

Tgt Ion: 43 Resp: 11696
Ion Ratio Lower Upper
43 100
58 17.9 43.6 65.4#
57 10.0 16.0 24.0#
100 0.0 10.3 15.5#





#49

Dibromochloromethane

Concen: 18.962 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV0192282.D

Acq: 05 Nov 2020 16:44

Instrument :

MSVOA_V

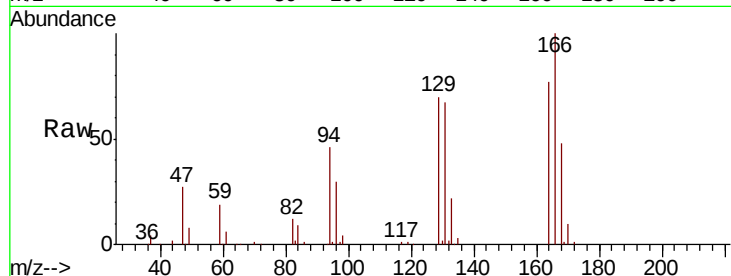
ClientSampled :

Tot Ion:129 Resp: 40270

Ion Ratio Lower Upper

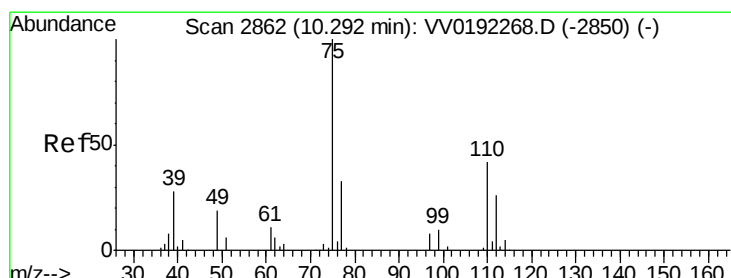
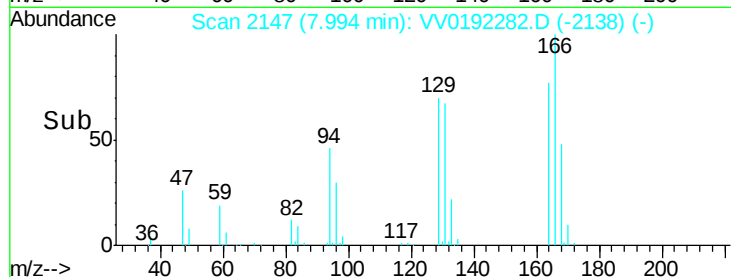
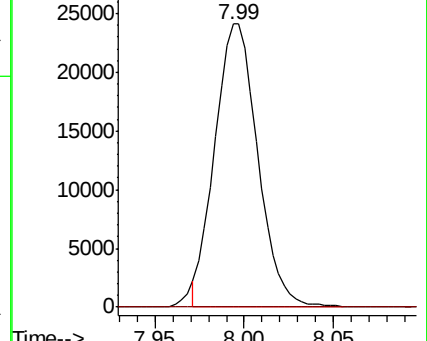
129 100

127 0.0 54.7 101.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.948 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV0192282.D

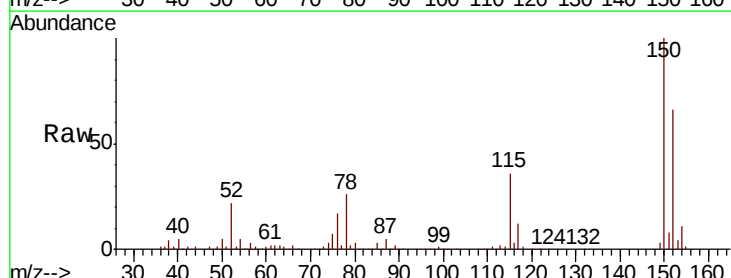
Acq: 05 Nov 2020 16:44

Tgt Ion: 75 Resp: 13600

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

