

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018050.D
 Acq On : 18 Aug 2020 13:32
 Operator : SY/MD
 Sample : L3702-05ME
 Misc : 6.58g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 07:56:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 07:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154629	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	86411	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.44%
7) Chloroethane-d5	1.66	69	103	0.05	ug/L	0.08
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.10%#
11) 1,1-Dichloroethene-d2	2.10	63	132531	27.04	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.08%#
21) 2-Butanone-d5	3.93	46	90399	53.86	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.86%
24) Chloroform-d	4.37	84	165188	35.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.82%
26) 1,2-Dichloroethane-d4	5.05	65	117638	38.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.64%
32) Benzene-d6	5.07	84	338934	37.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.30%
36) 1,2-Dichloropropane-d6	6.09	67	110054	36.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.80%
41) Toluene-d8	7.34	98	301774	36.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.56%#
43) trans-1,3-Dichloropropene-	7.64	79	51533	38.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.18%
47) 2-Hexanone-d5	8.14	63	59496	62.16	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123952	31.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.82%#
64) 1,2-Dichlorobenzene-d4	11.65	152	118876	39.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.12%#

Target Compounds

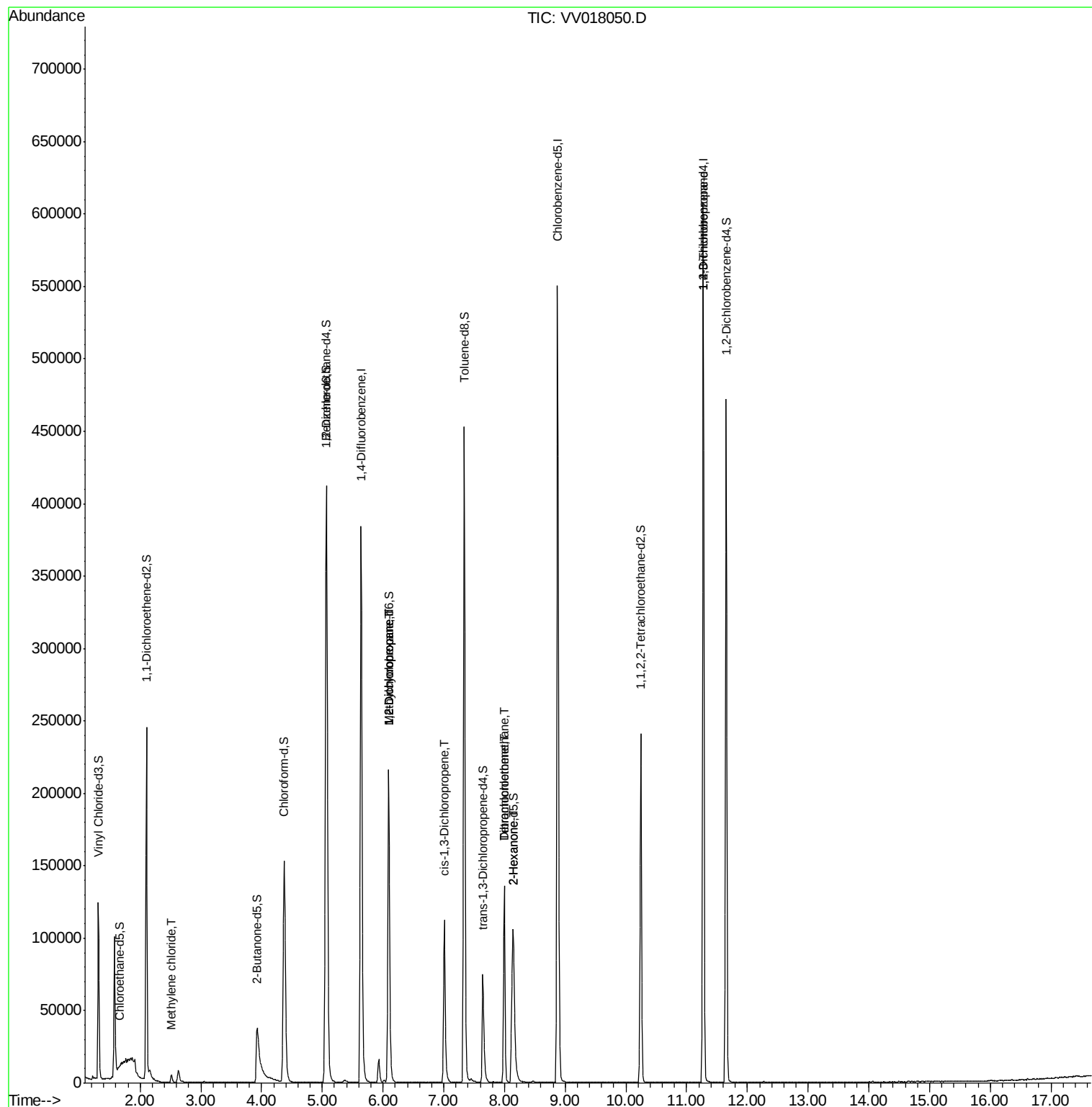
					Ovalue
16) Methylene chloride	2.52	84	2313	0.806	ug/L 92
35) Methylcyclohexane	6.09	83	26174	6.502	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	12494	4.473	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2930	0.740	ug/L # 73
46) Tetrachloroethene	8.00	164	31489	15.859	ug/L 98
48) 2-Hexanone	8.14	43	6760	2.296	ug/L # 64
49) Dibromochloromethane	8.00	129	28477	11.278	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	18959	5.496	ug/L 93

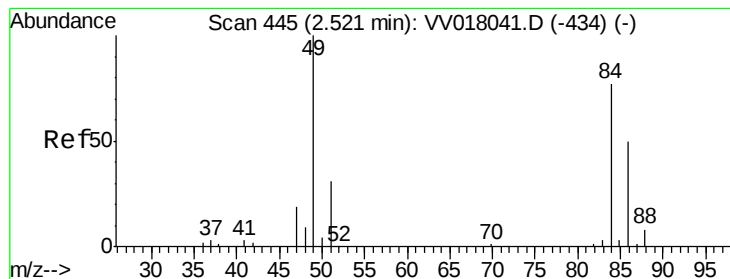
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 19 07:54:18 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.806 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV018050.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_V

ClientSampleId :

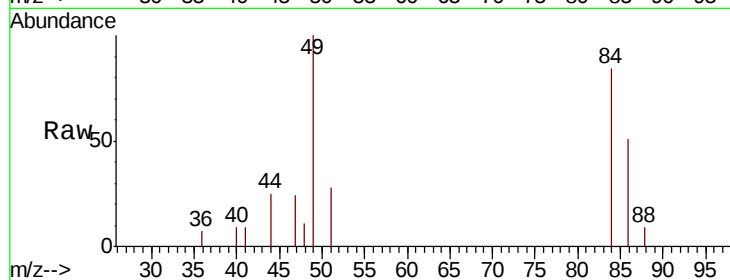
Tot Ion: 84 Resp: 2313

Ion Ratio Lower Upper

84 100

86 60.8 46.3 85.9

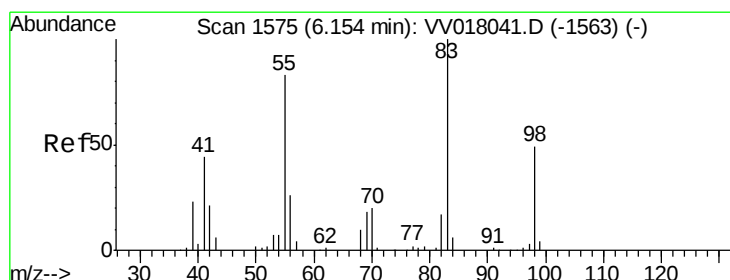
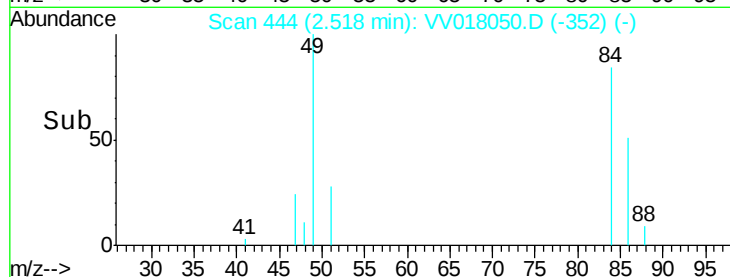
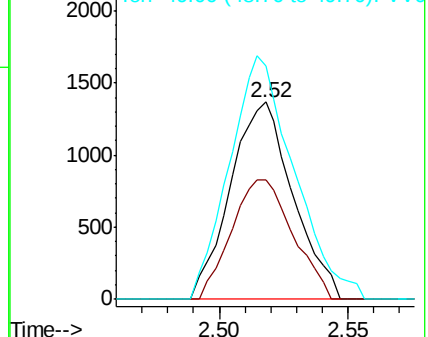
49 118.4 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#35

Methylcyclohexane

Concen: 6.502 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018050.D

Acq: 18 Aug 2020 13:32

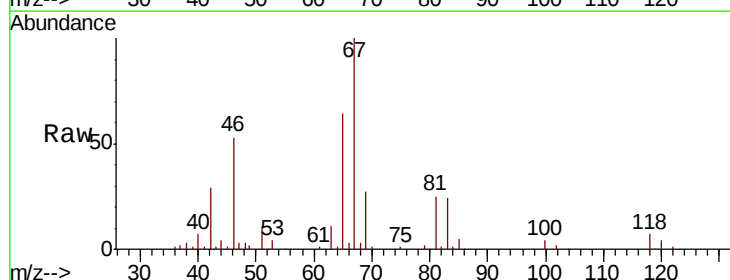
Tgt Ion: 83 Resp: 26174

Ion Ratio Lower Upper

83 100

55 0.3 64.9 97.3#

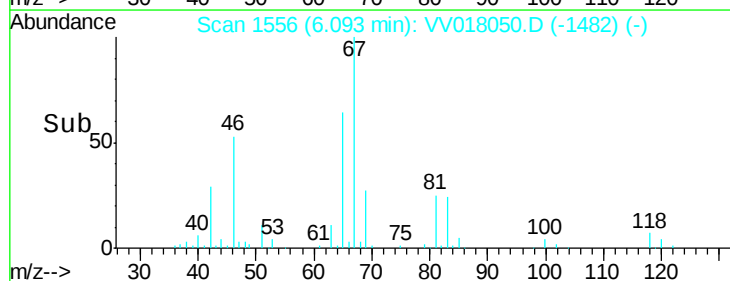
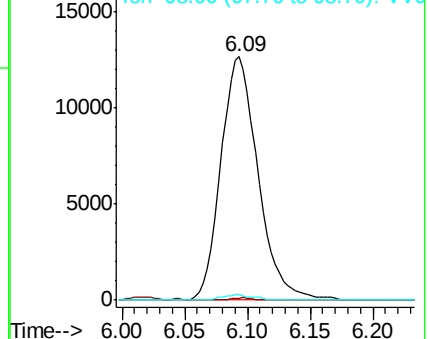
98 1.7 38.7 58.1#

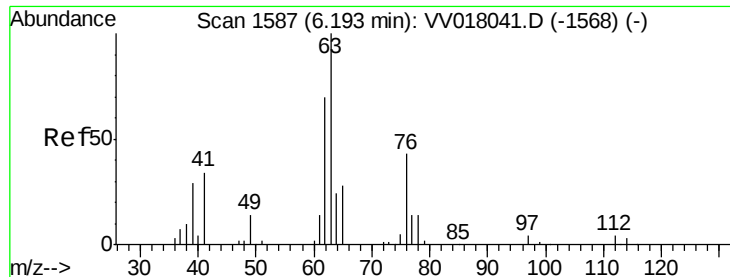


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

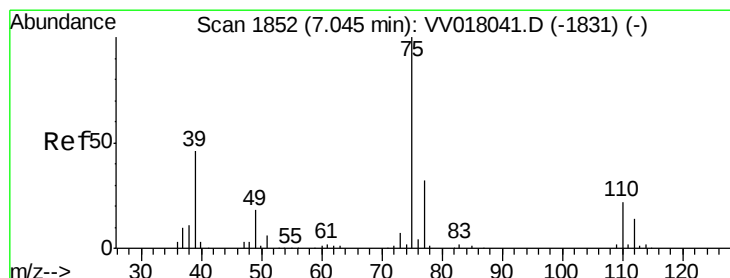
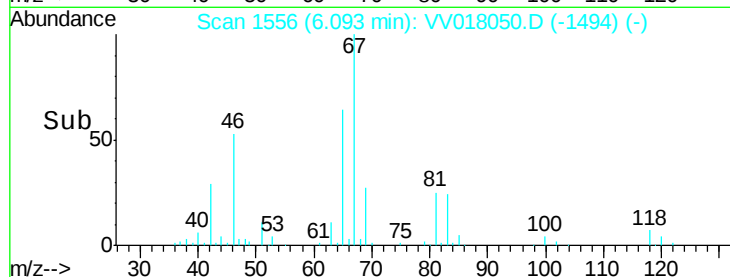
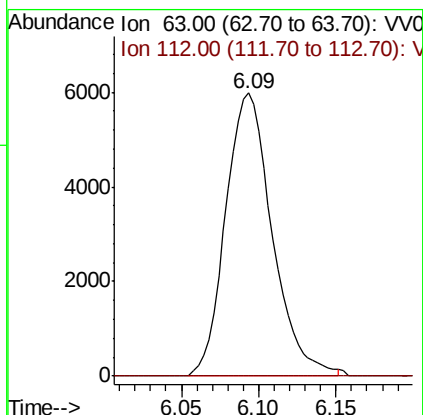
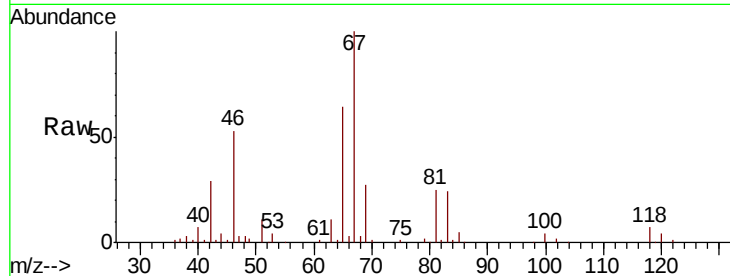




#37
 1,2-Dichloropropane
 Concen: 4.473 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018050.D
 Acq: 18 Aug 2020 13:32

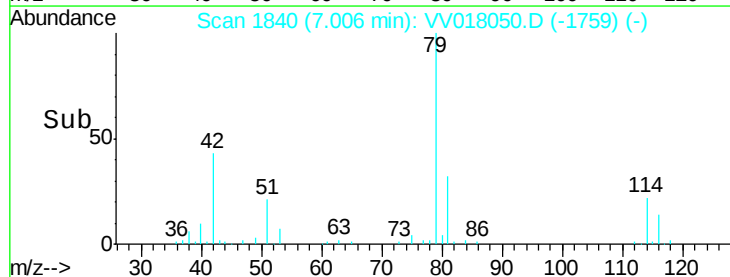
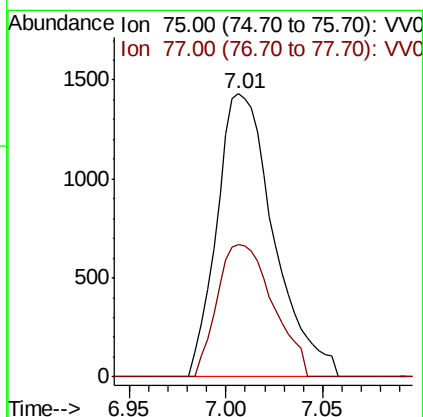
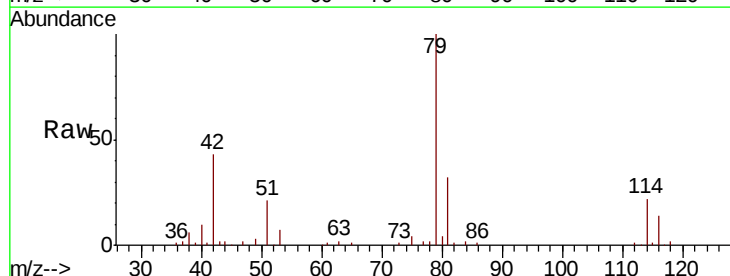
Instrument :
 MSVOA_V
 ClientSampleId :

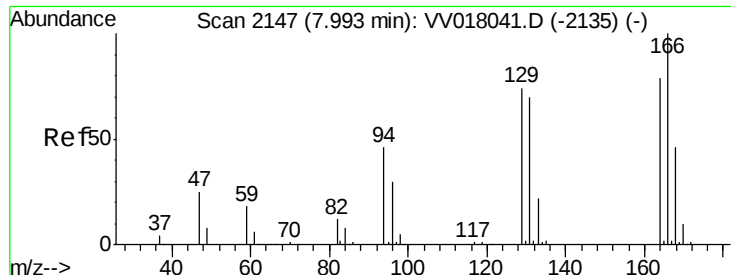
Tot Ion: 63 Resp: 12494
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.740 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018050.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 75 Resp: 2930
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.3 41.5#

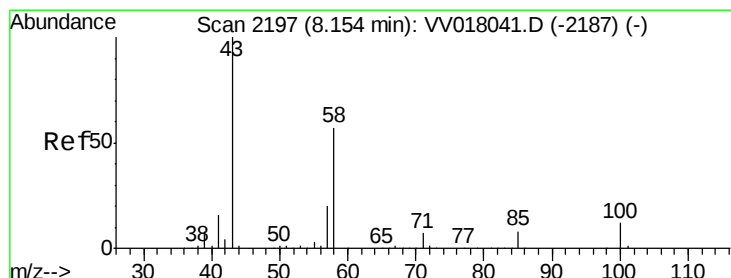
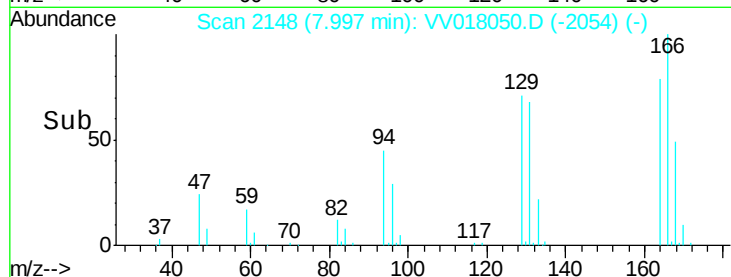
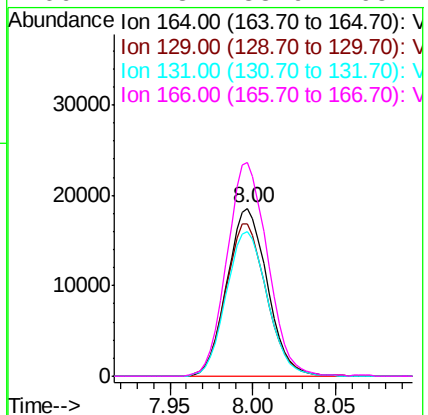
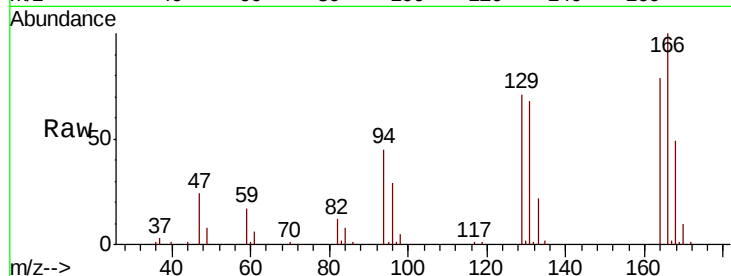




#46
Tetrachloroethene
Concen: 15.859 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018050.D
Acq: 18 Aug 2020 13:32

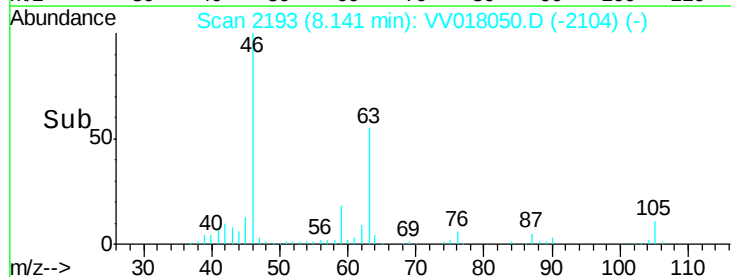
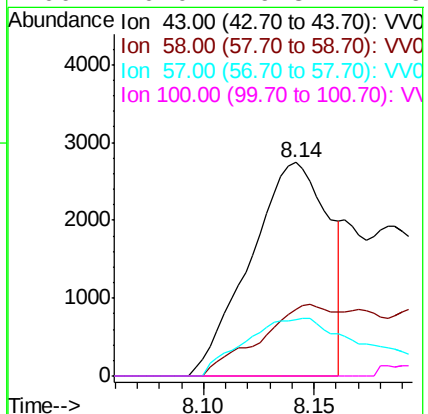
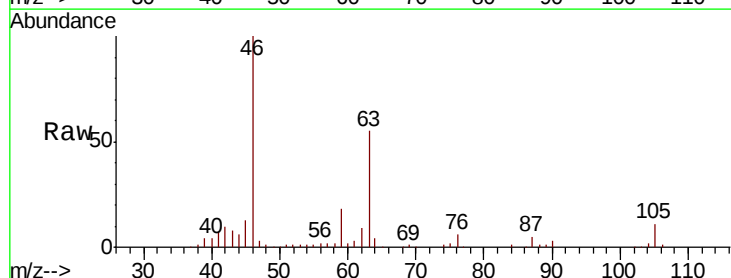
Instrument :
MSVOA_V
ClientSampleId :

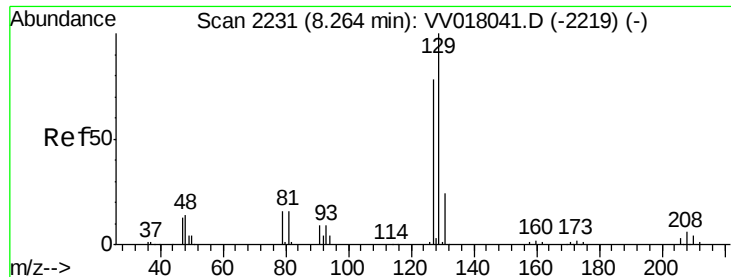
Tot Ion:164 Resp: 31489
Ion Ratio Lower Upper
164 100
129 90.9 64.8 120.3
131 86.1 64.5 119.9
166 127.3 88.9 165.1



#48
2-Hexanone
Concen: 2.296 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VV018050.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
58 31.7 44.4 66.6#
57 40.9 15.2 22.8#
100 0.0 9.8 14.6#





#49

Dibromochloromethane

Concen: 11.278 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018050.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_V

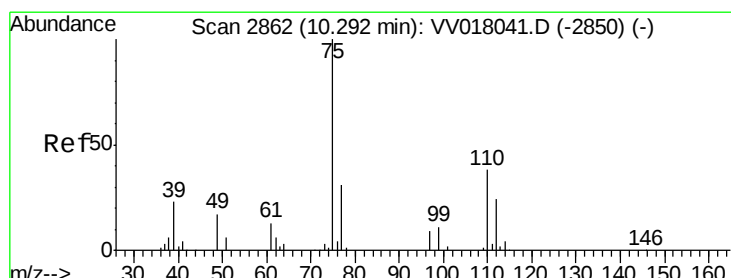
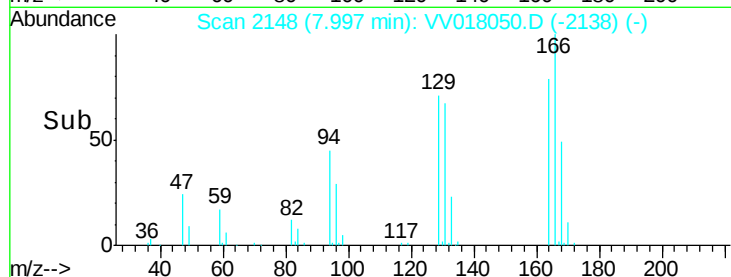
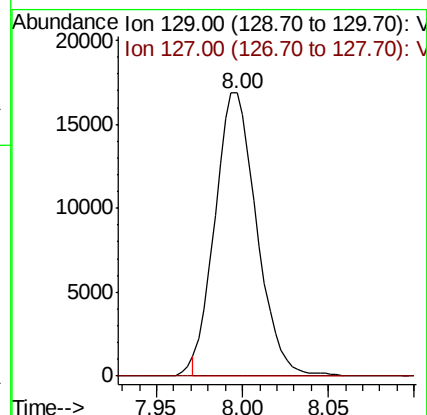
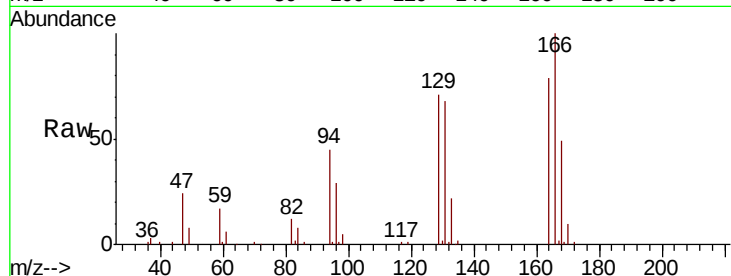
ClientSampleId :

Tot Ion:129 Resp: 28477

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#59

1,2,3-Trichloropropane

Concen: 5.496 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018050.D

Acq: 18 Aug 2020 13:32

Tgt Ion: 75 Resp: 18959

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5

