

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018051.D
 Acq On : 18 Aug 2020 13:55
 Operator : SY/MD
 Sample : L3702-18ME
 Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 07:57:04 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	340062	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	340478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97950	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.50%
7) Chloroethane-d5	1.58	69	74854	35.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.52%
11) 1,1-Dichloroethene-d2	2.10	63	147979	29.82	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.64%#
21) 2-Butanone-d5	3.93	46	112493	66.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.20%
24) Chloroform-d	4.37	84	182903	38.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.44%
26) 1,2-Dichloroethane-d4	5.05	65	127873	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.36%
32) Benzene-d6	5.07	84	372402	39.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.38%
36) 1,2-Dichloropropane-d6	6.09	67	121275	39.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.06%
41) Toluene-d8	7.34	98	332019	39.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.70%#
43) trans-1,3-Dichloropropene-	7.64	79	56258	40.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.86%
47) 2-Hexanone-d5	8.14	63	66253	67.30	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137115	34.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	131156	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%

Target Compounds

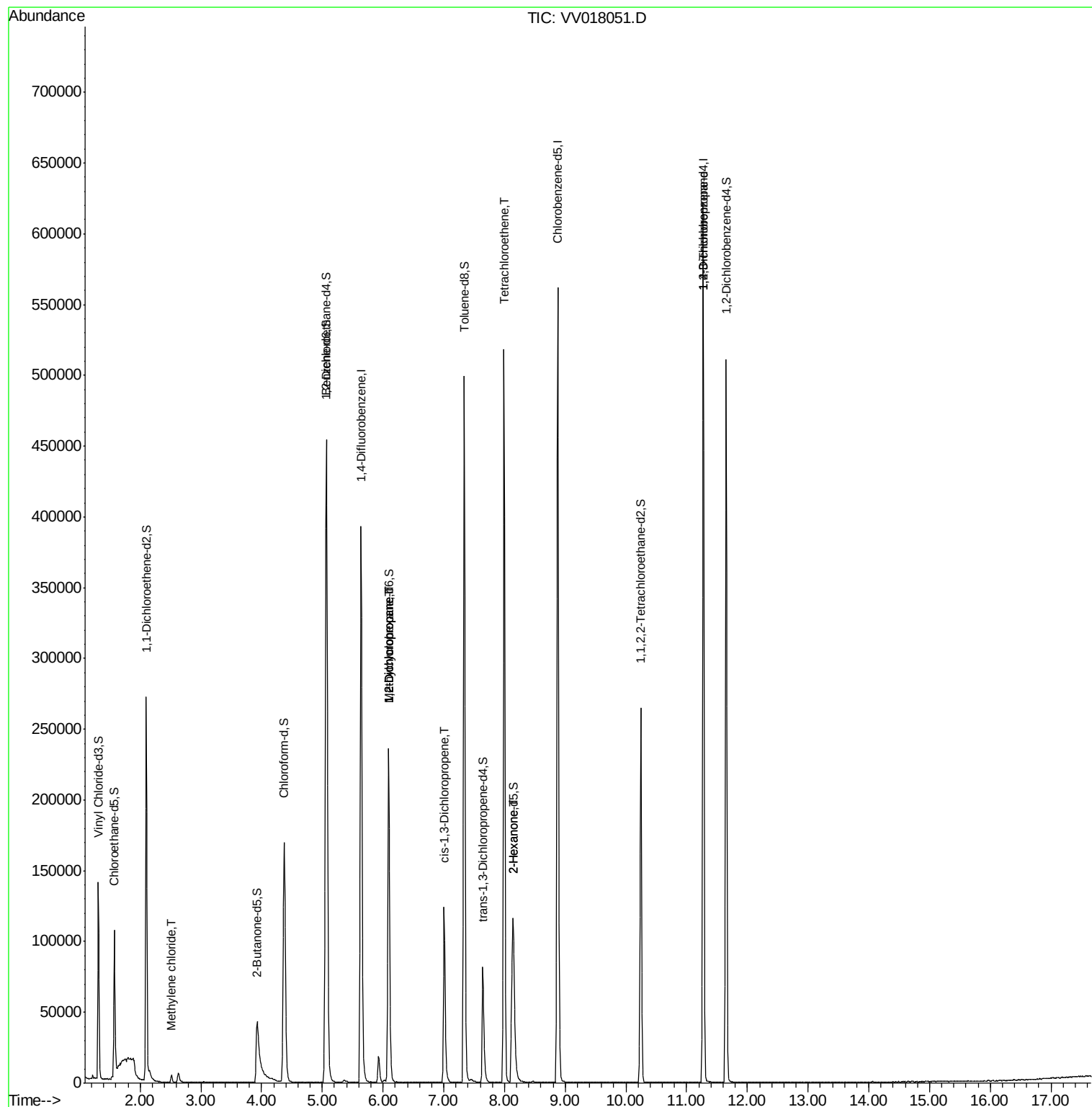
					Ovalue
16) Methylene chloride	2.51	84	2092	0.720 ug/L	99
35) Methylcyclohexane	6.09	83	28719	6.936 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13024	4.534 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3399	0.835 ug/L #	80
46) Tetrachloroethene	8.00	164	116394	56.998 ug/L	98
48) 2-Hexanone	8.14	43	9992	3.300 ug/L #	64
59) 1,2,3-Trichloropropane	11.27	75	19298	5.439 ug/L	93

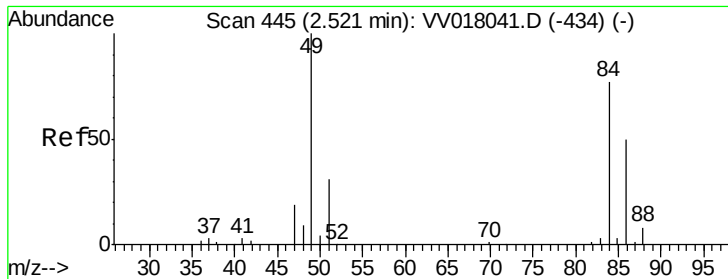
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

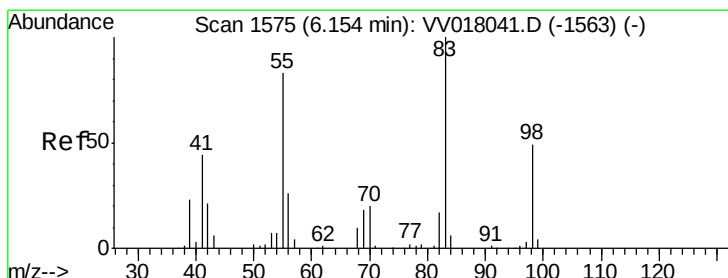
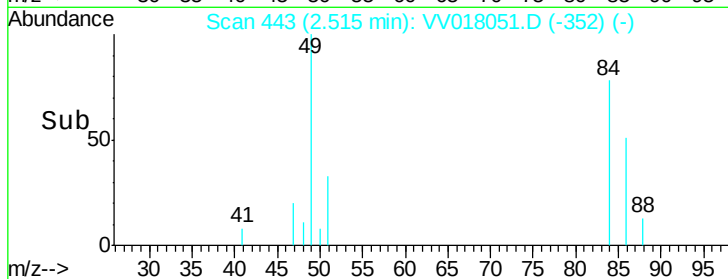
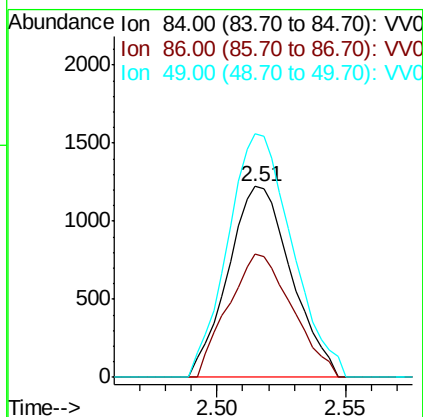
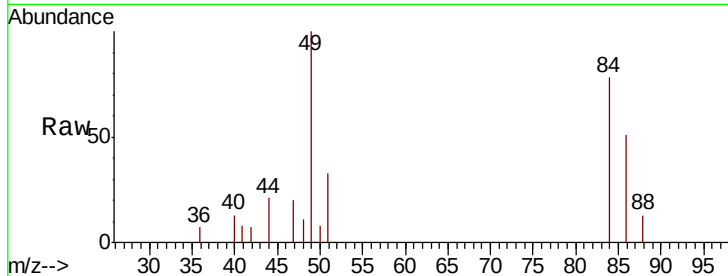




#16
Methvlene chloride
Concen: 0.720 ug/L
RT: 2.51 min Scan# 443
Delta R.T. -0.01 min
Lab File: VV018051.D
Acq: 18 Aug 2020 13:55

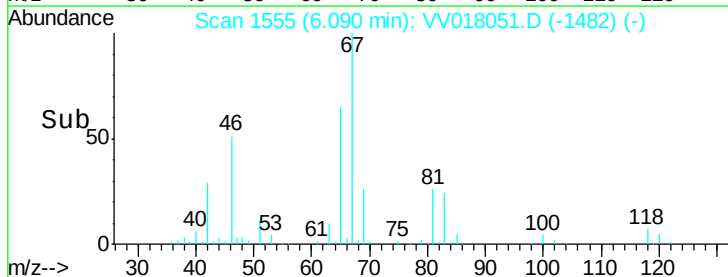
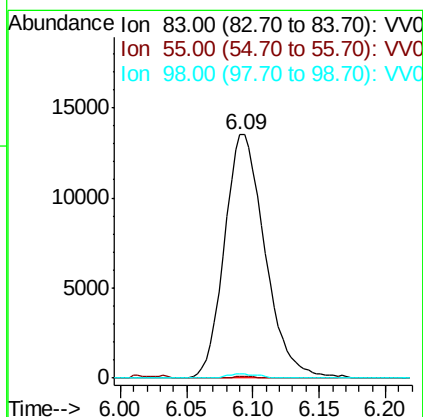
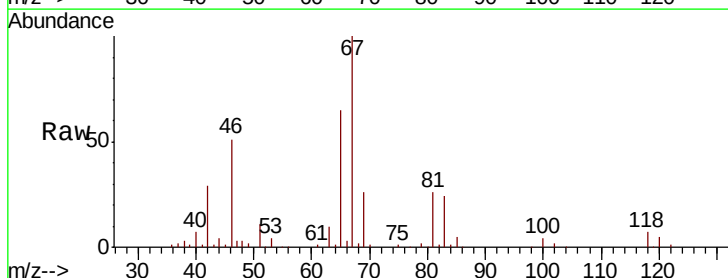
Instrument :
MSVOA_V
ClientSampled :

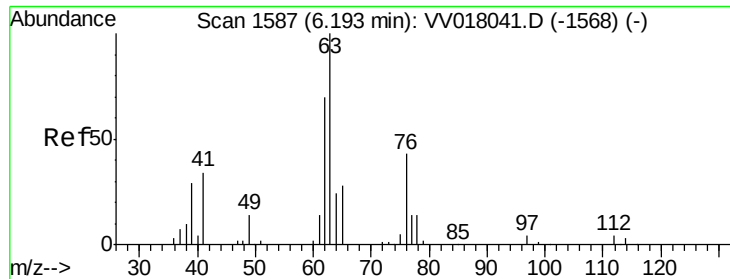
Tot Ion: 84 Resp: 2092
Ion Ratio Lower Upper
84 100
86 64.4 46.3 85.9
49 127.6 89.7 166.5



#35
Methylcyclohexane
Concen: 6.936 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018051.D
Acq: 18 Aug 2020 13:55

Tgt Ion: 83 Resp: 28719
Ion Ratio Lower Upper
83 100
55 0.4 64.9 97.3#
98 1.3 38.7 58.1#

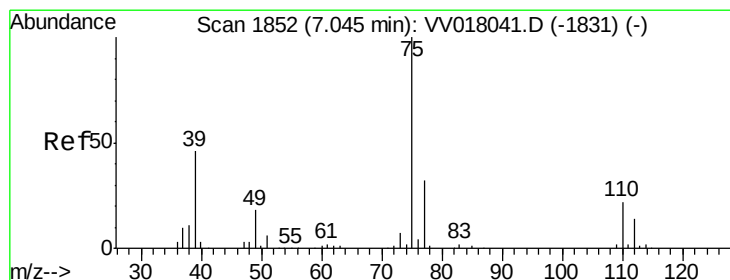
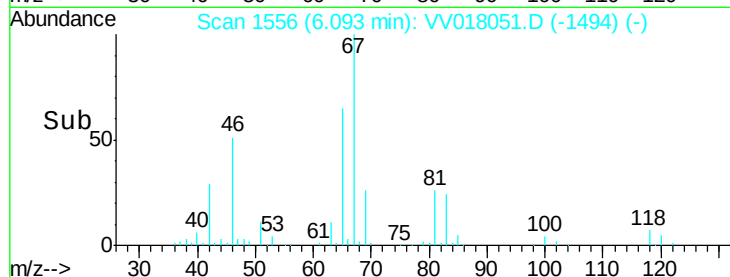
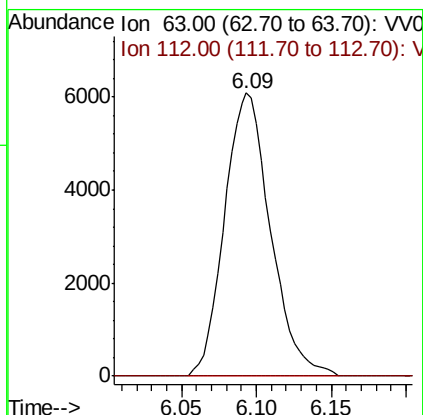
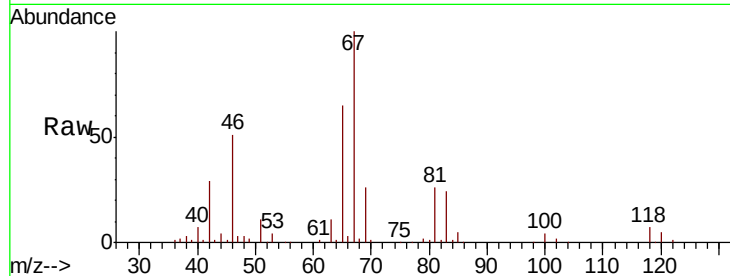




#37
 1,2-Dichloropropane
 Concen: 4.534 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018051.D
 Acq: 18 Aug 2020 13:55

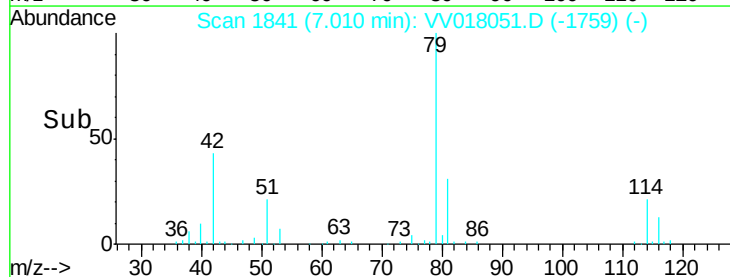
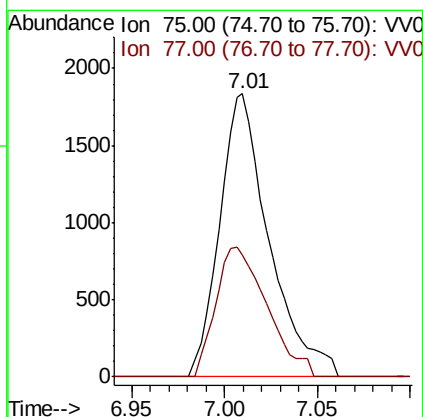
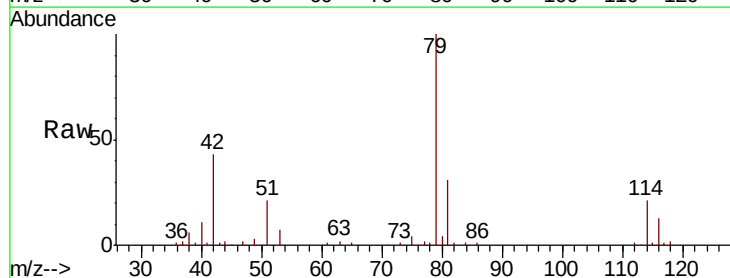
Instrument :
 MSVOA_V
 ClientSampleId :

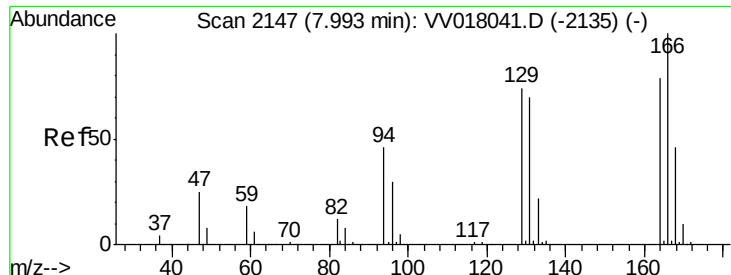
Tot Ion: 63 Resp: 13024
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.835 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018051.D
 Acq: 18 Aug 2020 13:55

Tgt Ion: 75 Resp: 3399
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.3 41.5#

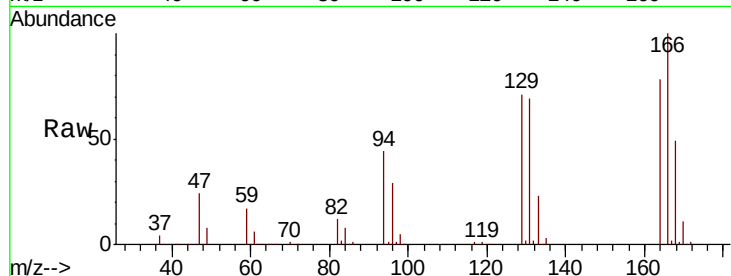




#46
Tetrachloroethene
Concen: 56.998 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018051.D
Acq: 18 Aug 2020 13:55

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.8	120.3
131	88.9	64.5	119.9
166	128.0	88.9	165.1

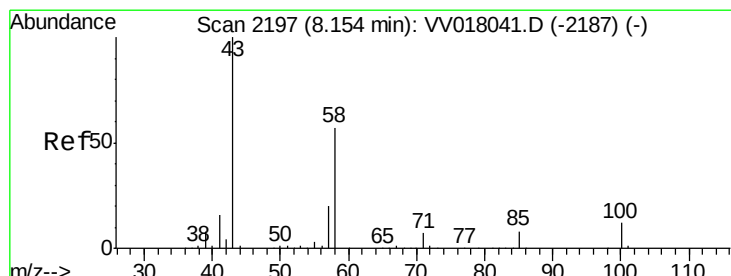
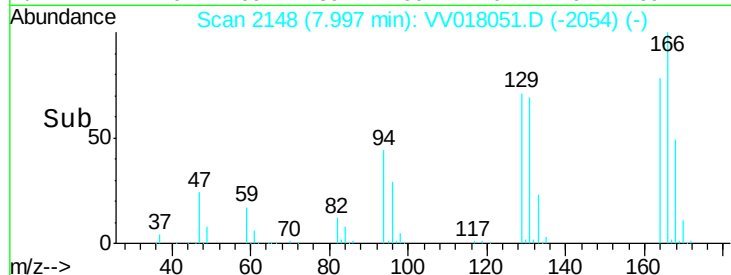
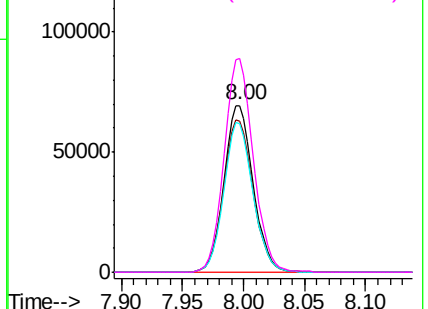


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

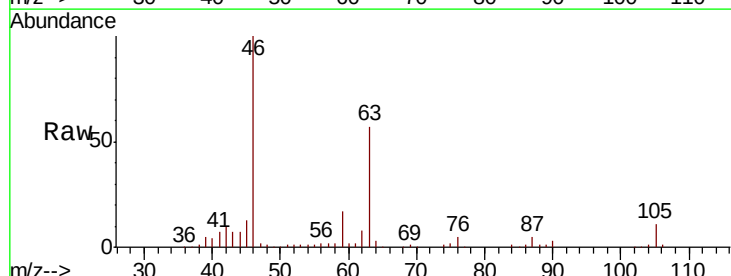
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 3.300 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VV018051.D
Acq: 18 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	21.3	44.4	66.6#
57	13.5	15.2	22.8#
100	2.1	9.8	14.6#

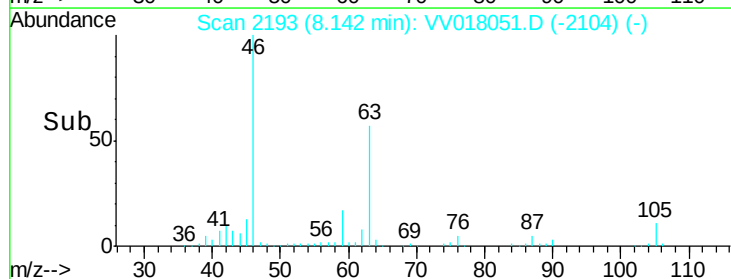
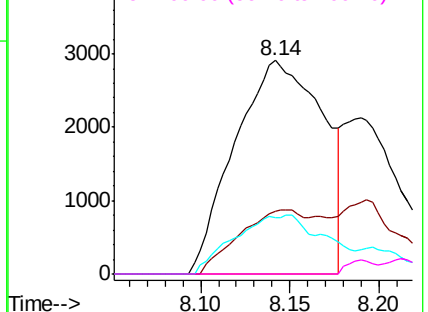


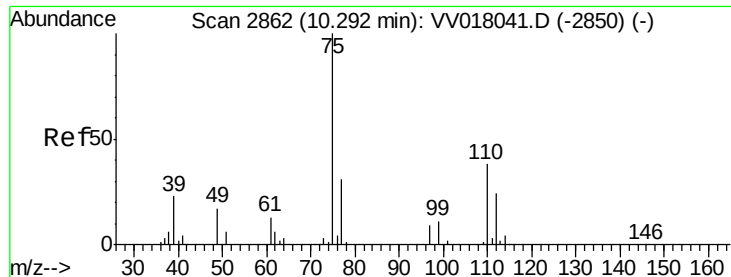
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 5.439 ug/L
 RT: 11.27 min Scan# 3167
 Delta R.T. 0.98 min
 Lab File: VV018051.D
 Acq: 18 Aug 2020 13:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 19298
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.7 38.5

