

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081920\
 Data File : VV018062.D
 Acq On : 19 Aug 2020 13:57
 Operator : SY/MD
 Sample : L3709-13ME
 Misc : 7.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWQ6ME

Quant Time: Aug 20 04:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 04:32:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287780	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76283	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.48%
7) Chloroethane-d5	1.58	69	61090	34.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.02%#
11) 1,1-Dichloroethene-d2	2.10	63	116503	27.74	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.48%#
21) 2-Butanone-d5	3.92	46	88974	61.87	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.87%
24) Chloroform-d	4.37	84	152898	38.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.50%
26) 1,2-Dichloroethane-d4	5.05	65	108159	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
32) Benzene-d6	5.07	84	300521	37.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.50%
36) 1,2-Dichloropropane-d6	6.09	67	102552	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.80%
41) Toluene-d8	7.34	98	264042	36.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.76%#
43) trans-1,3-Dichloropropene-	7.64	79	47093	39.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.80%
47) 2-Hexanone-d5	8.14	63	60156	72.03	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124025	36.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	112603	42.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.04%

Target Compounds

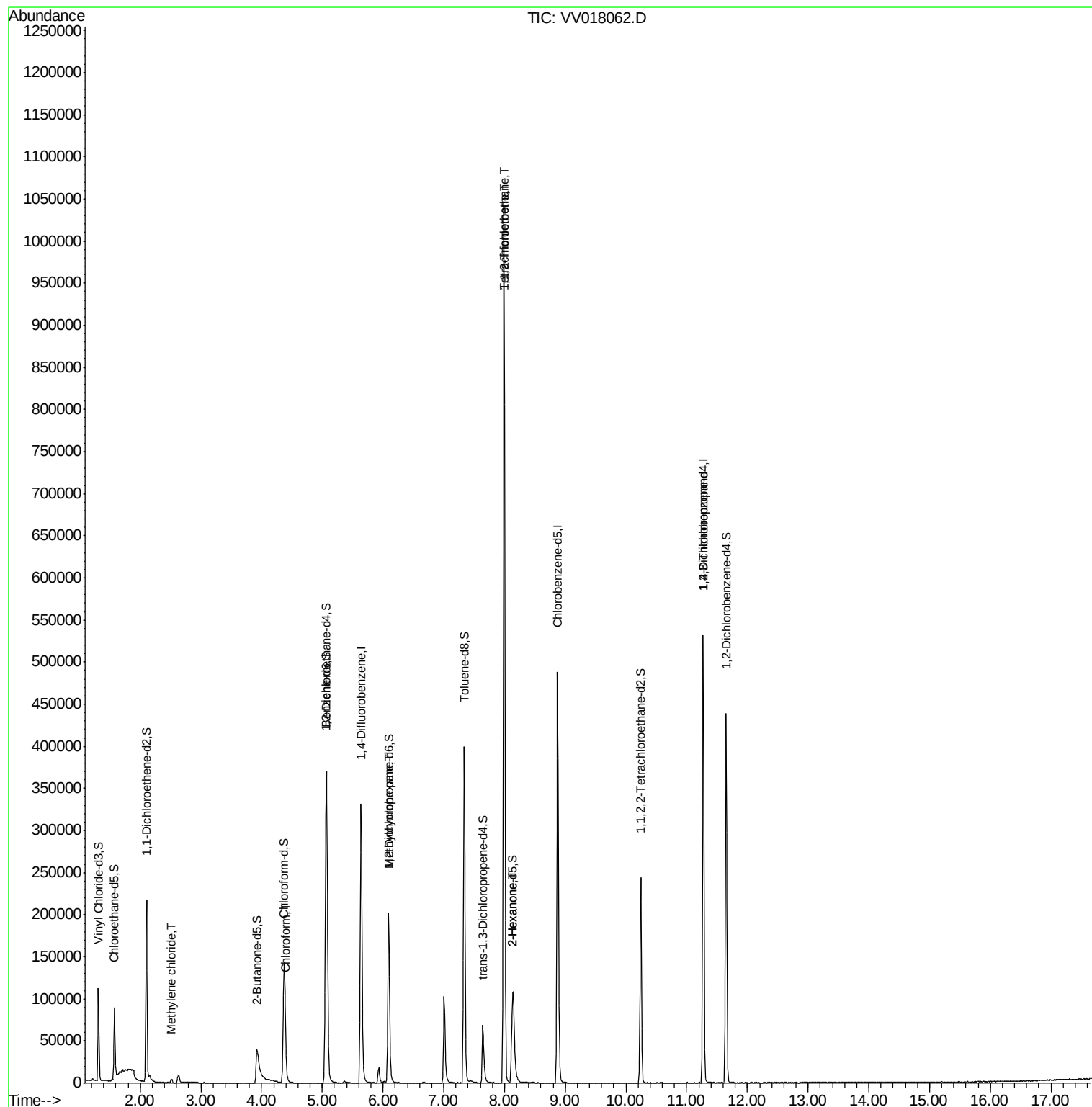
					Ovalue
16) Methylene chloride	2.51	84	1888	0.768	ug/L 91
25) Chloroform	4.40	83	4043	0.993	ug/L 99
35) Methylcyclohexane	6.09	83	24056	6.849	ug/L # 17
45) 1,1,2-Trichloroethane	7.99	97	1989	0.881	ug/L # 1
46) Tetrachloroethene	8.00	164	238144	137.464	ug/L 98
48) 2-Hexanone	8.14	43	8396	3.268	ug/L # 57
59) 1,2,3-Trichloropropane	11.27	75	15717	5.222	ug/L 93

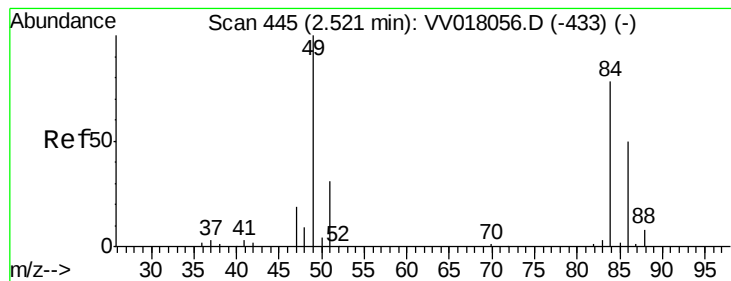
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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BFWQ6ME

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QLast Update : Thu Aug 20 04:32:09 2020
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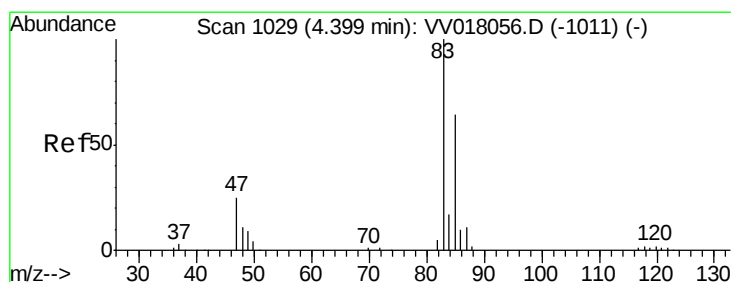
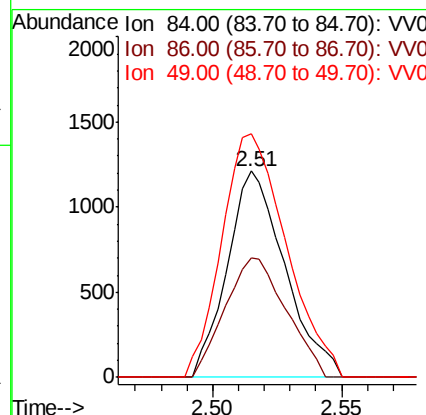
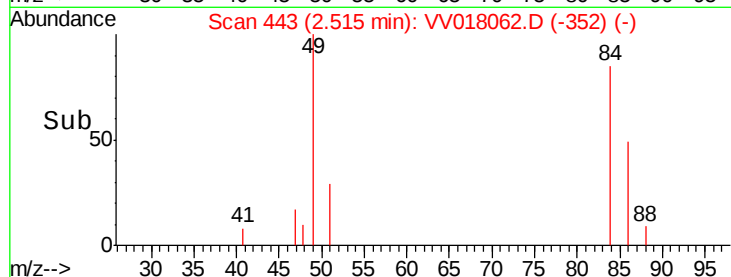
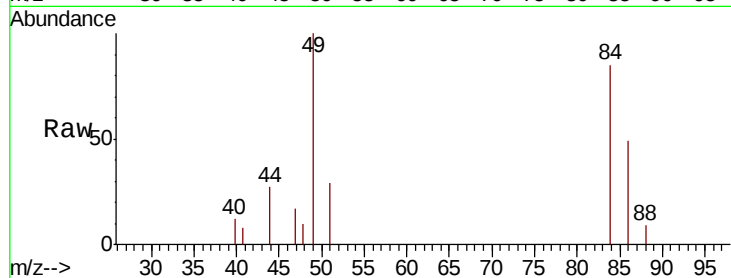




#16
Methvlene chloride
Concen: 0.768 ug/L
RT: 2.51 min Scan# 443
Delta R.T. -0.01 min
Lab File: VV018062.D
Acq: 19 Aug 2020 13:57

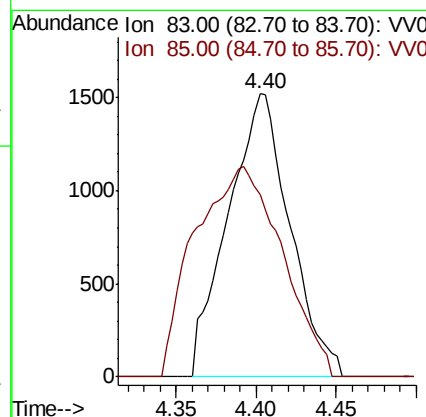
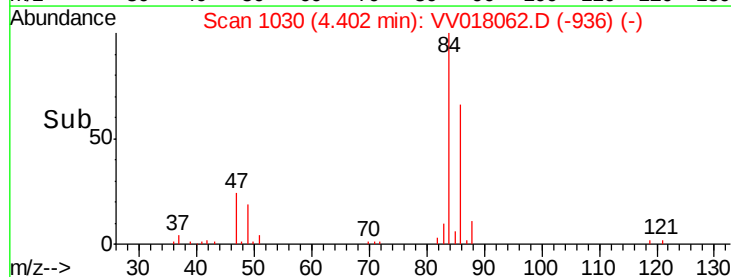
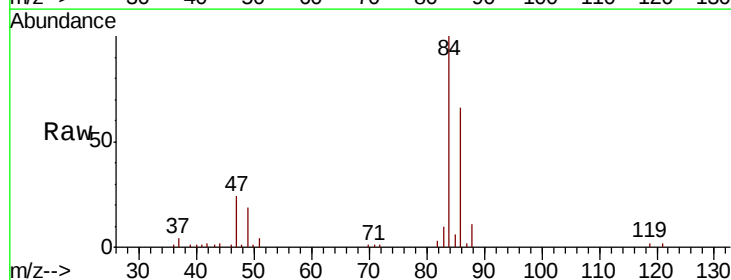
Instrument :
MSVOA_V
ClientSampleId :
BFWQ6ME

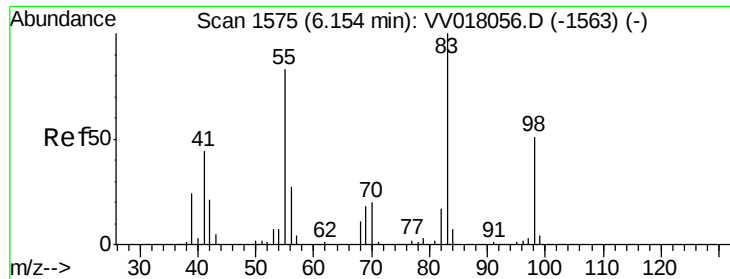
Tot Ion: 84 Resp: 1888
Ion Ratio Lower Upper
84 100
86 57.9 46.3 85.9
49 118.2 89.7 166.5



#25
Chloroform
Concen: 0.993 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018062.D
Acq: 19 Aug 2020 13:57

Tgt Ion: 83 Resp: 4043
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5

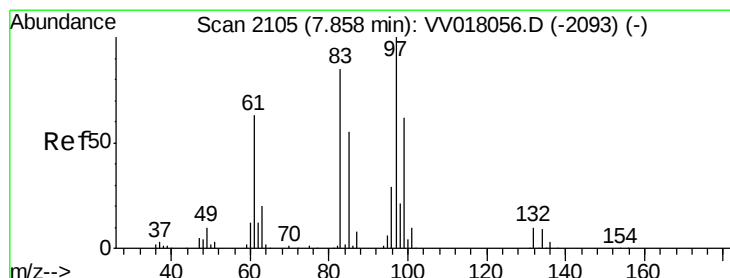
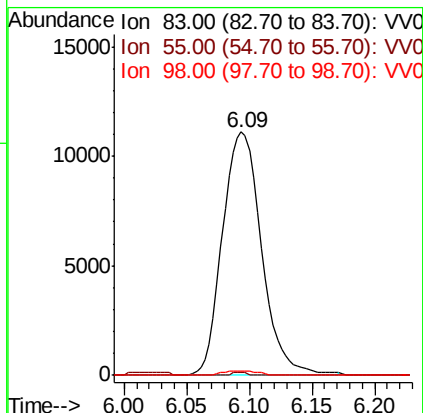
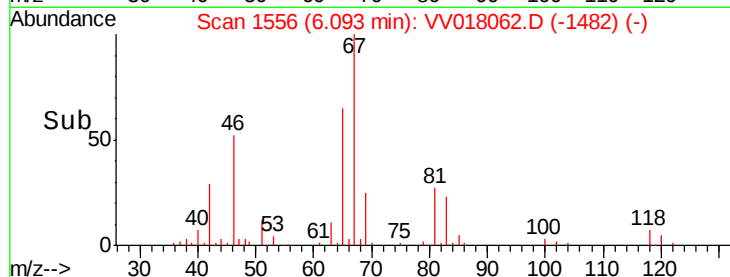
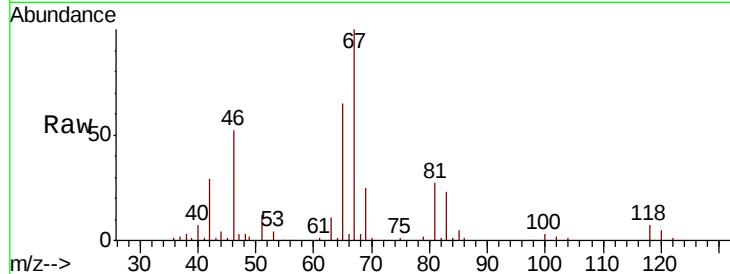




#35
Methvlcvclohexane
Concen: 6.849 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018062.D
Acq: 19 Aug 2020 13:57

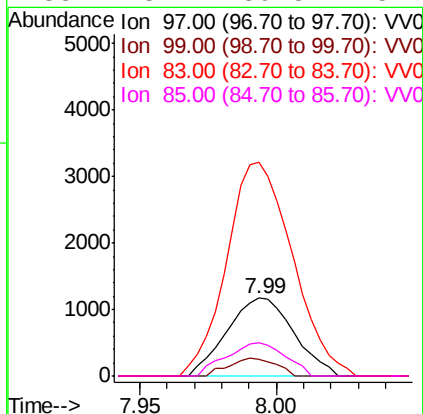
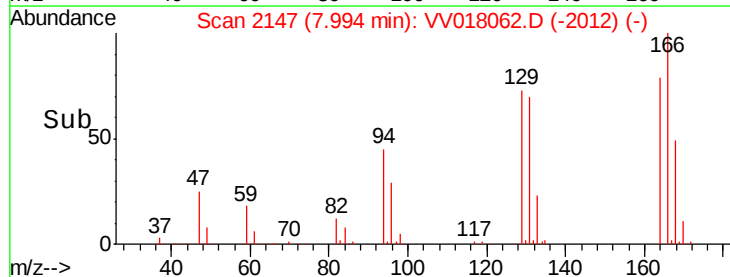
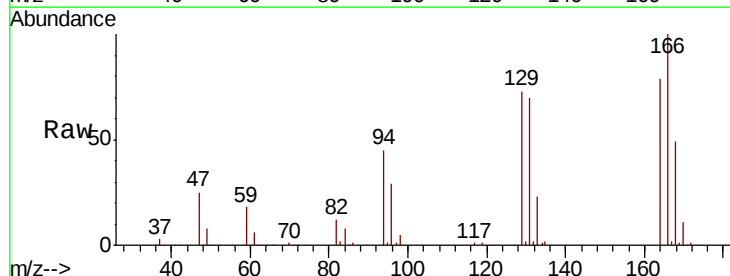
Instrument :
MSVOA_V
ClientSampleId :
BFWQ6ME

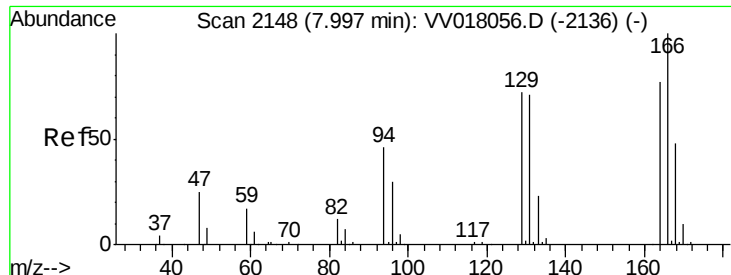
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.9	97.3#
98	1.7	38.7	58.1#



#45
1,1,2-Trichloroethane
Concen: 0.881 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV018062.D
Acq: 19 Aug 2020 13:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	22.2	44.2	82.2#
83	273.7	61.0	113.4#
85	43.4	39.5	73.4





#46

Tetrachloroethene

Concen: 137.464 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018062.D

Acq: 19 Aug 2020 13:57

Instrument :

MSVOA_V

ClientSampleId :

BFWQ6ME

Tot Ion:164 Resp: 238144

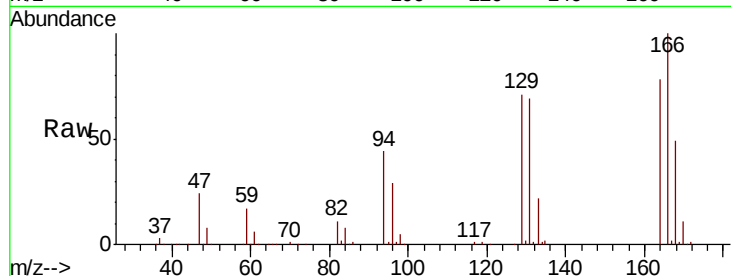
Ion Ratio Lower Upper

164 100

129 91.0 64.8 120.3

131 88.5 64.5 119.9

166 127.4 88.9 165.1

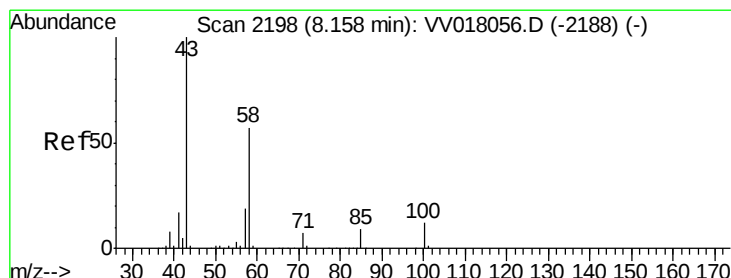
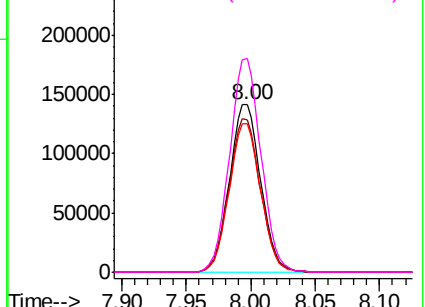
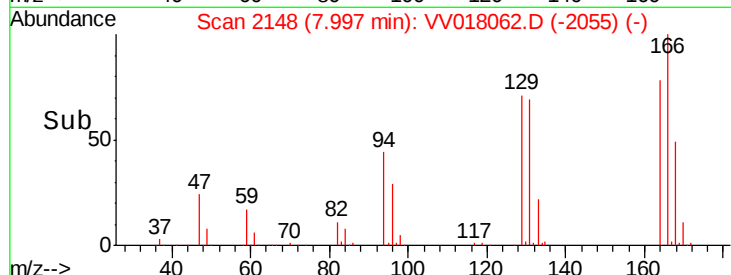


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.268 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.02 min

Lab File: VV018062.D

Acq: 19 Aug 2020 13:57

Tgt Ion: 43 Resp: 8396

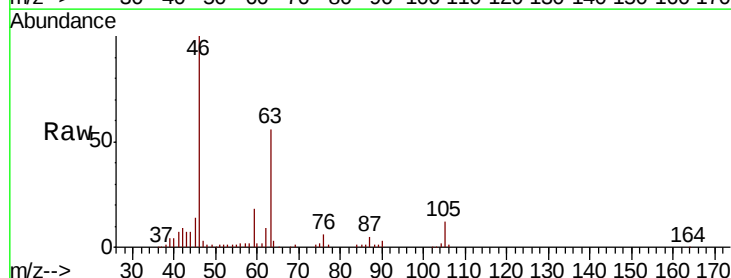
Ion Ratio Lower Upper

43 100

58 13.6 44.4 66.6#

57 14.4 15.2 22.8#

100 0.8 9.8 14.6#

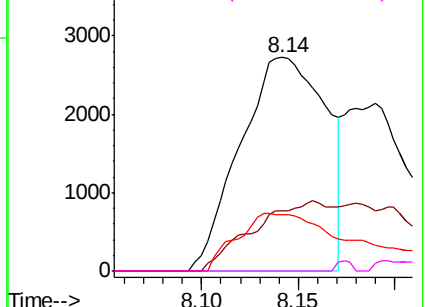
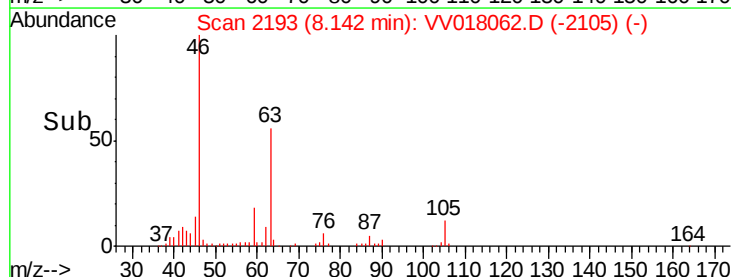


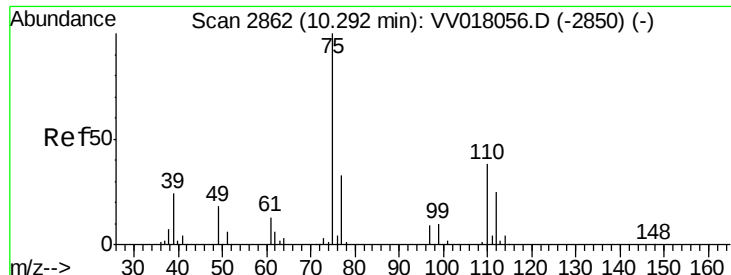
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.222 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018062.D

Acq: 19 Aug 2020 13:57

Instrument :

MSVOA_V

ClientSampleId :

BFWQ6ME

Tot Ion: 75 Resp: 15717

Ion Ratio Lower Upper

75 100

77 36.0 25.7 38.5

