

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019242.D
 Acq On : 04 Nov 2020 12:22
 Operator : SY/MD
 Sample : L4543-16ME 2X
 Misc : 5.70g/5.00mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 02:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	249380	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127823	50.00	ug/L	0.00

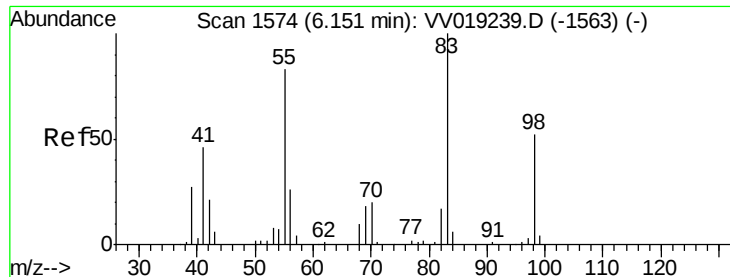
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	59157	29.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.70%#
7) Chloroethane-d5	1.57	69	53517	34.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.52%#
11) 1,1-Dichloroethene-d2	2.11	63	99515	26.40	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.80%#
21) 2-Butanone-d5	3.91	46	63934	52.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.67%
24) Chloroform-d	4.37	84	131380	35.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.28%
26) 1,2-Dichloroethane-d4	5.05	65	97079	37.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.58%
32) Benzene-d6	5.07	84	251760	36.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.70%
36) 1,2-Dichloropropane-d6	6.09	67	78757	38.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.28%
41) Toluene-d8	7.33	98	228191	34.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	7.64	79	41572	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.58%
47) 2-Hexanone-d5	8.12	63	59516	66.55	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97352	34.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	102205	38.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.12%#

Target Compounds

					Ovalue
35) Methylcyclohexane	6.09	83	20210	7.763	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	9838	5.628	ug/L # 85
39) cis-1,3-Dichloropropene	7.00	75	2708	0.938	ug/L # 78
46) Tetrachloroethene	8.00	164	8718	5.294	ug/L 97
48) 2-Hexanone	8.12	43	8612	4.493	ug/L # 56
49) Dibromochloromethane	7.99	129	8024	3.780	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	13482	5.899	ug/L # 87

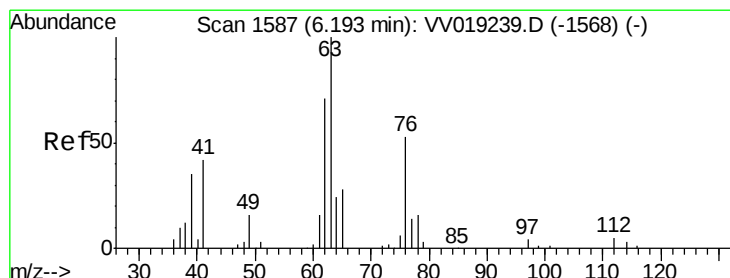
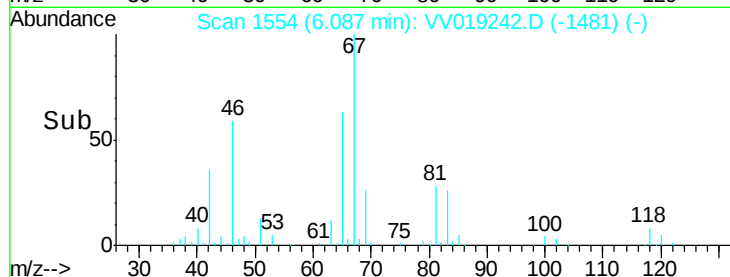
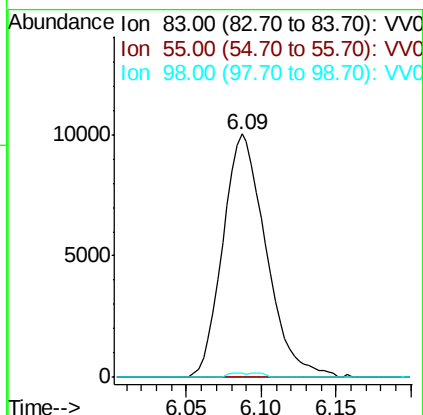
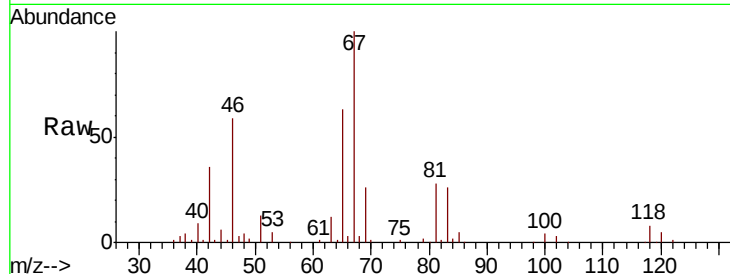
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#35
Methvlcvclohexane
Concen: 7.763 ug/L
RT: 6.09 min Scan# 1554
Delta R.T. -0.06 min
Lab File: VV019242.D
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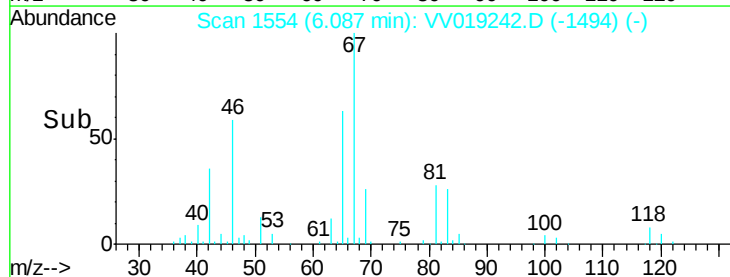
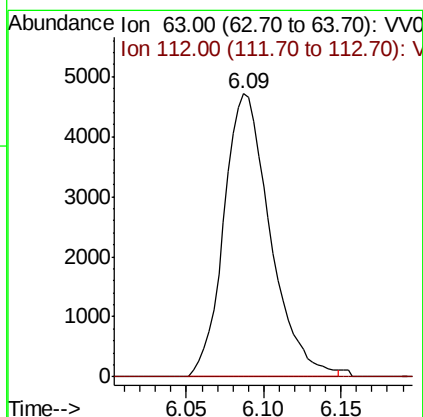
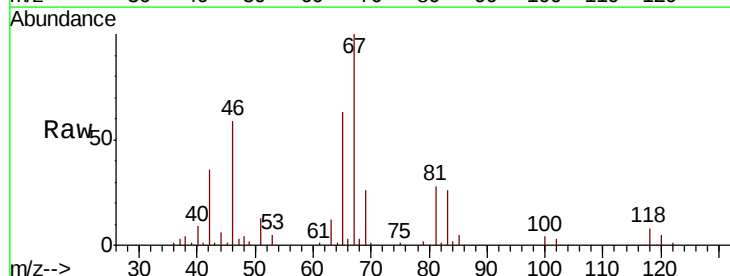
Instrument :
MSVOA_V
ClientSampleId :

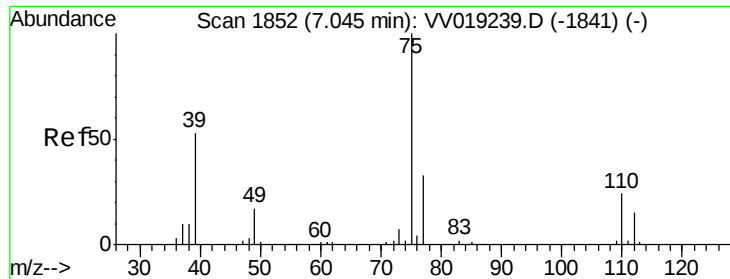
Tot Ion: 83 Resp: 20210
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 0.8 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 5.628 ug/L
RT: 6.09 min Scan# 1554
Delta R.T. -0.11 min
Lab File: VV019242.D
Acq: 04 Nov 2020 12:22

Tgt Ion: 63 Resp: 9838
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

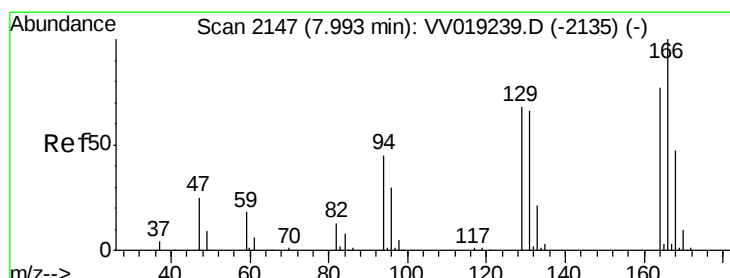
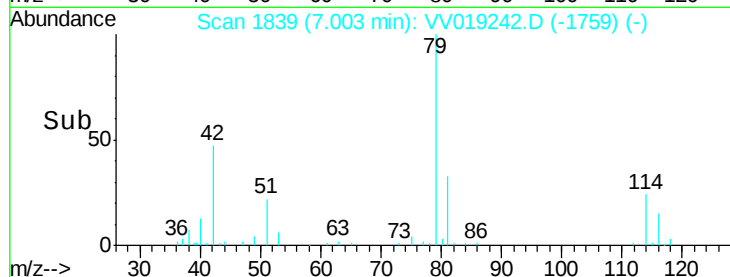
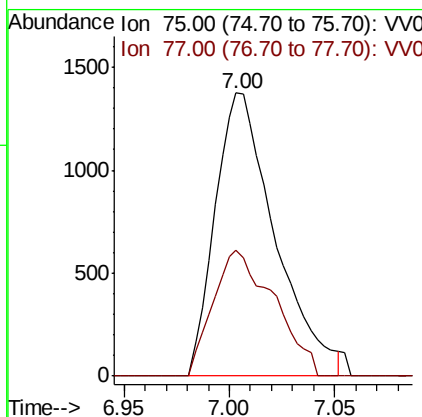
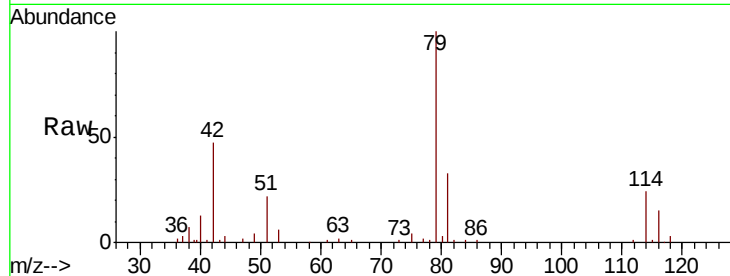




#39
 cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019242.D
 Acq: 04 Nov 2020 12:22

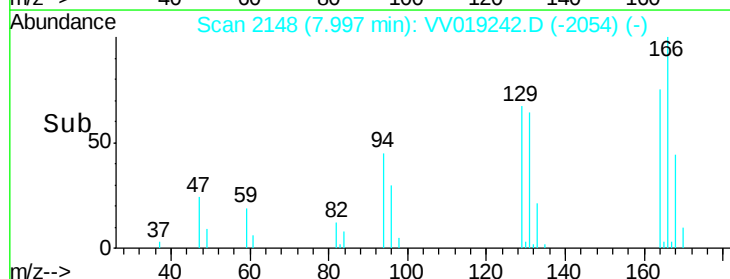
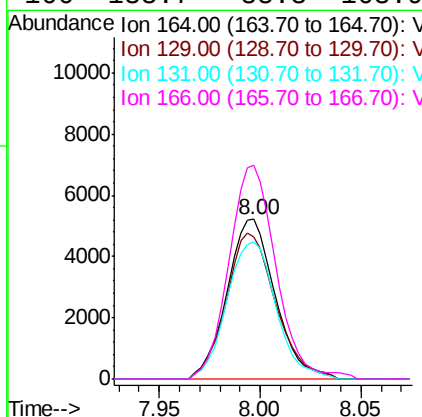
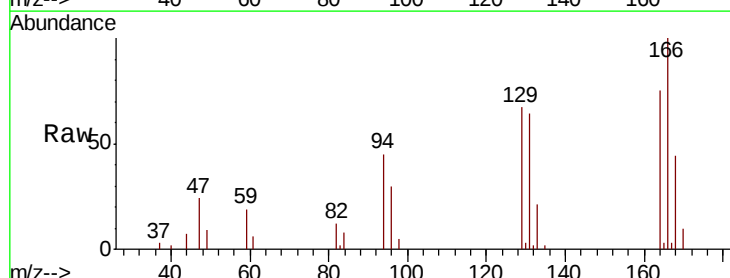
Instrument :
 MSVOA_V
 ClientSampleId :

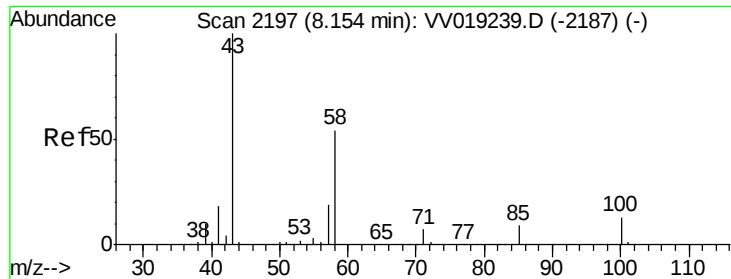
Tot Ion: 75 Resp: 2708
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.7 42.1#



#46
 Tetrachloroethene
 Concen: 5.294 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV019242.D
 Acq: 04 Nov 2020 12:22

Tgt Ion: 164 Resp: 8718
 Ion Ratio Lower Upper
 164 100
 129 89.3 63.2 117.4
 131 85.5 60.3 112.1
 166 133.7 88.3 163.9

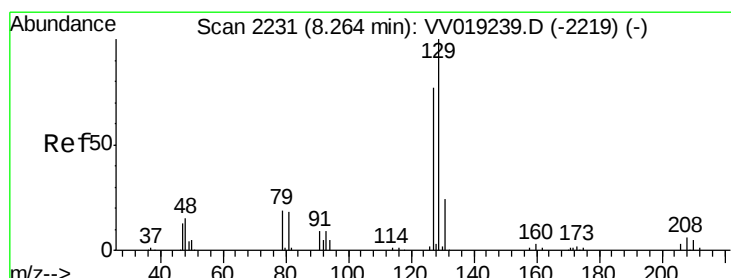
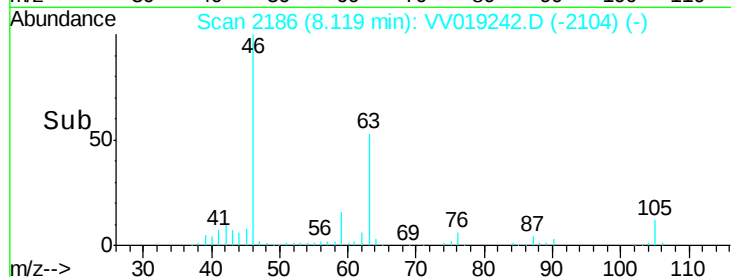
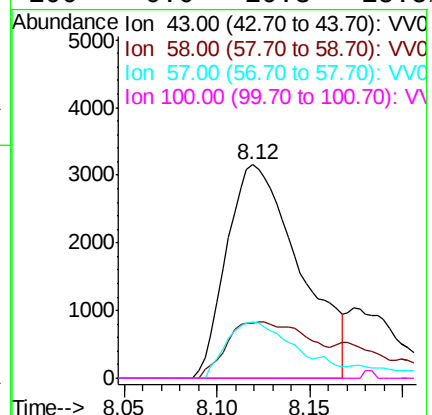
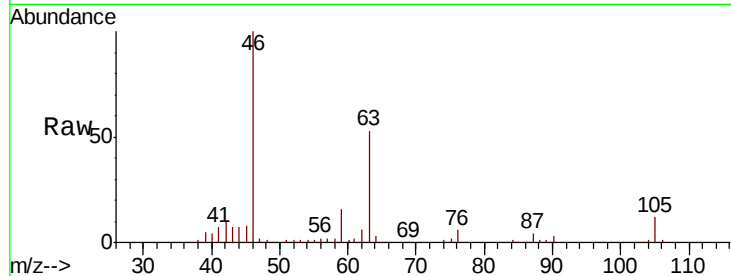




#48
2-Hexanone
Concen: 4.493 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV019242.D
Acq: 04 Nov 2020 12:22

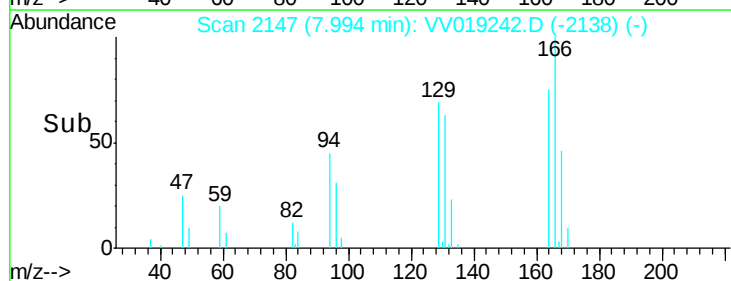
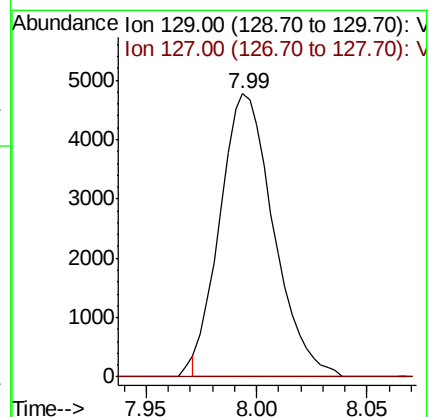
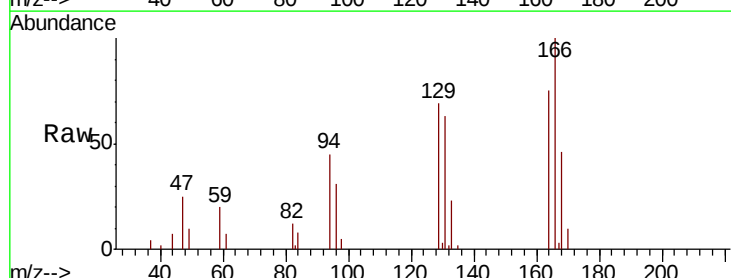
Instrument :
MSVOA_V
ClientSampleId :

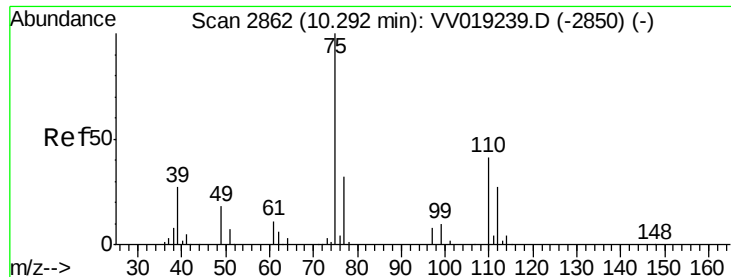
Tot Ion: 43 Resp: 8612
Ion Ratio Lower Upper
43 100
58 10.4 43.6 65.4#
57 22.8 16.0 24.0
100 0.0 10.3 15.5#



#49
Dibromochloromethane
Concen: 3.780 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV019242.D
Acq: 04 Nov 2020 12:22

Tgt Ion: 129 Resp: 8024
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 5.899 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019242.D

Acq: 04 Nov 2020 12:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 13482

Ion Ratio Lower Upper

75 100

77 40.2 26.2 39.4#

