

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014747.D
 Acq On : 04 Mar 2020 20:33
 Operator : SY/MD
 Sample : L1782-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:32:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	238210	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	223142	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69263	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.58	69	61486	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.13	63	94951	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.96	46	183871	47.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.40%
24) Chloroform-d	4.40	84	145623	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.08	65	77705	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	305147	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	98912	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	269183	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	33111	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.13	63	129127	40.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68575	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	99493	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

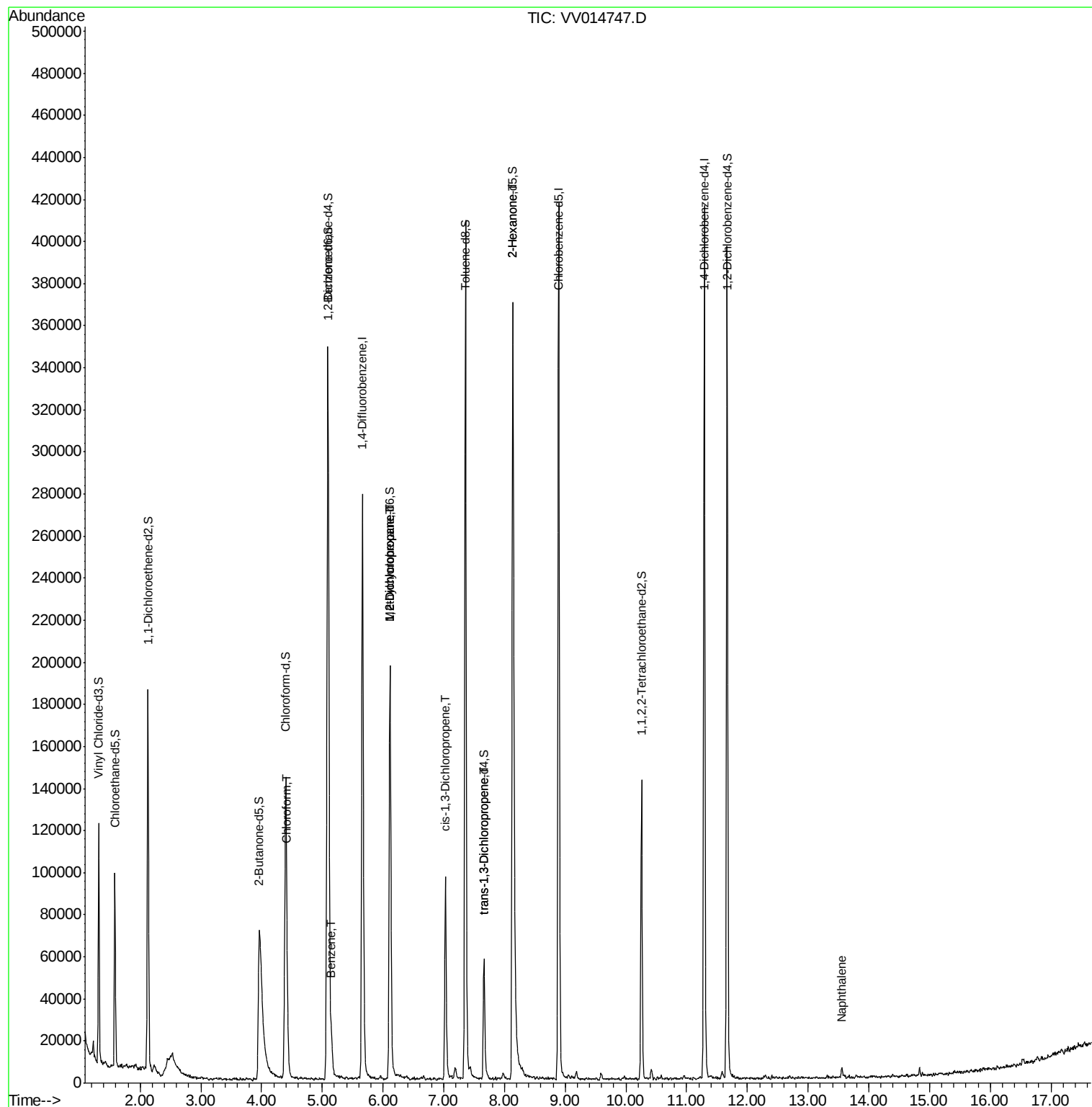
					Ovalue
25) Chloroform	4.42	83	9381	0.269 ug/L	88
33) Benzene	5.15	78	16941	0.231 ug/L	100
35) Methylcyclohexane	6.12	83	23404	0.717 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	10771	0.575 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2484	0.092 ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	1506	0.072 ug/L #	63
48) 2-Hexanone	8.13	43	23516	2.945 ug/L #	38
69) Naphthalene	13.56	128	4144	0.099 ug/L #	90

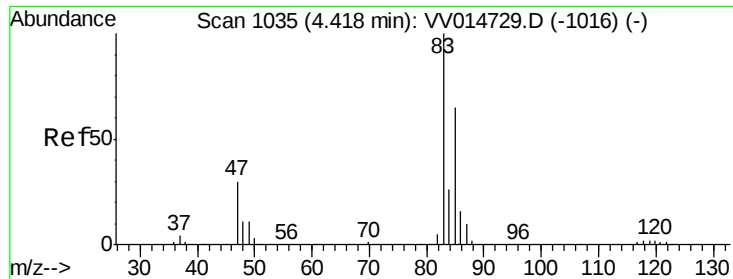
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 05 06:28:00 2020
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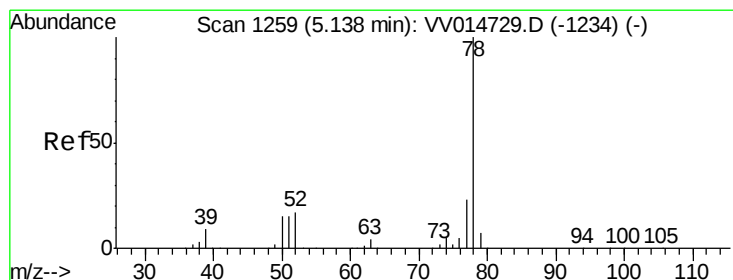
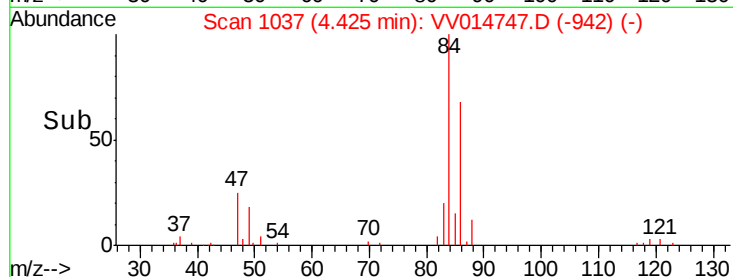
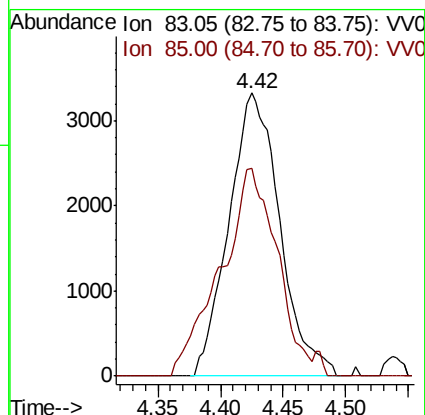
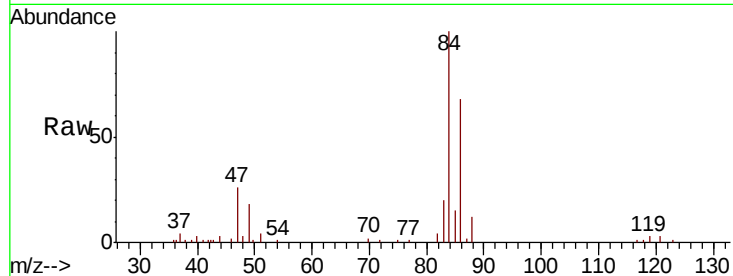




#25
Chloroform
Concen: 0.269 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014747.D
Acq: 04 Mar 2020 20:33

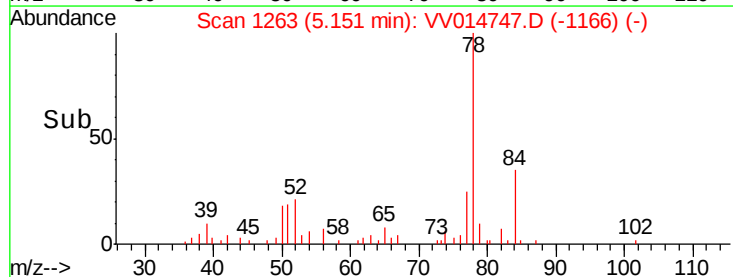
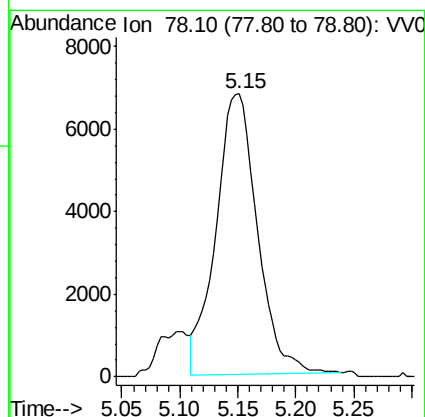
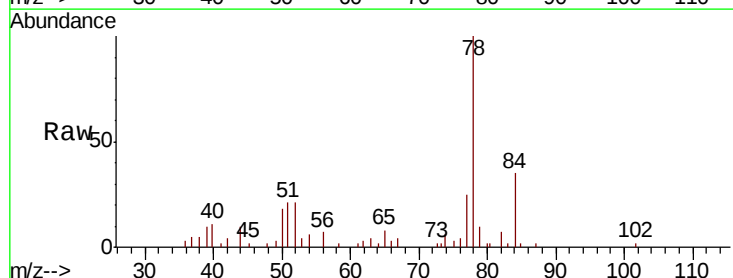
Instrument :
MSVOA_V
ClientSampleId :

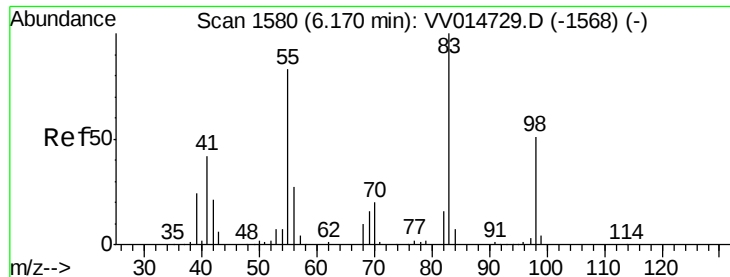
Tot Ion: 83 Resp: 9381
Ion Ratio Lower Upper
83 100
85 73.4 44.7 83.1



#33
Benzene
Concen: 0.231 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014747.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 78 Resp: 16941

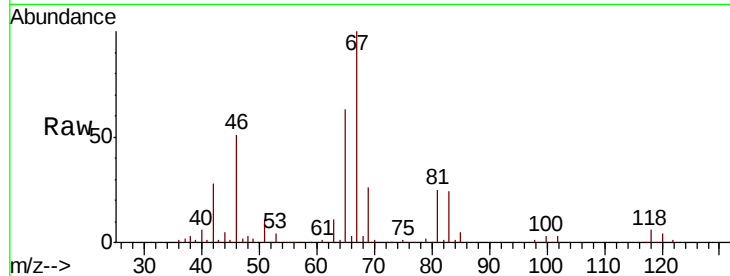




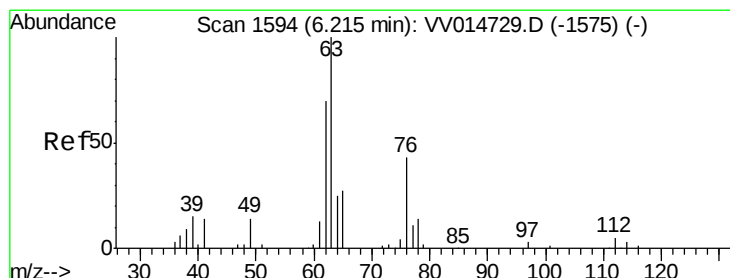
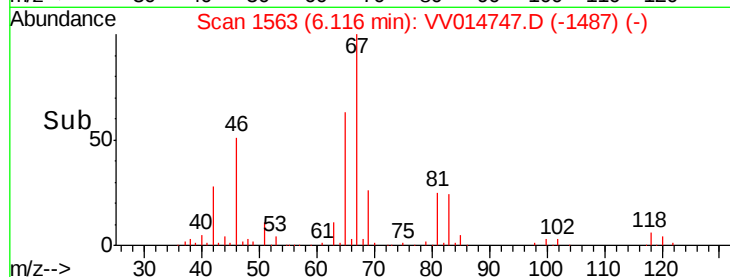
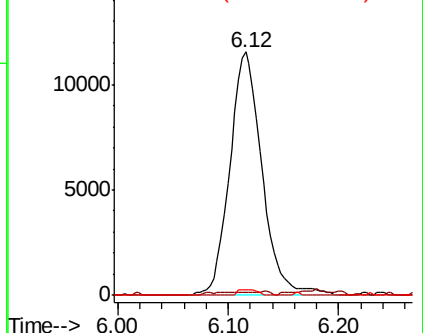
#35
Methvlcvclohexane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014747.D
Acq: 04 Mar 2020 20:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 23404
Ion Ratio Lower Upper
83 100
55 0.5 64.6 96.8#
98 1.4 37.8 56.8#

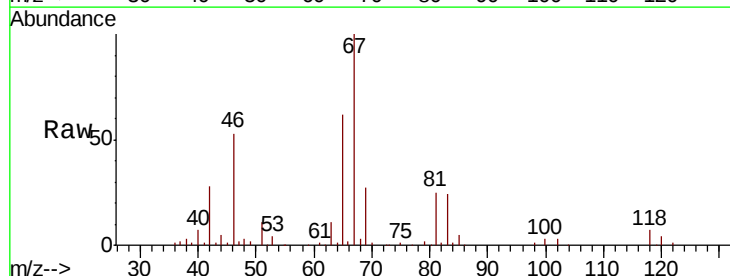


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

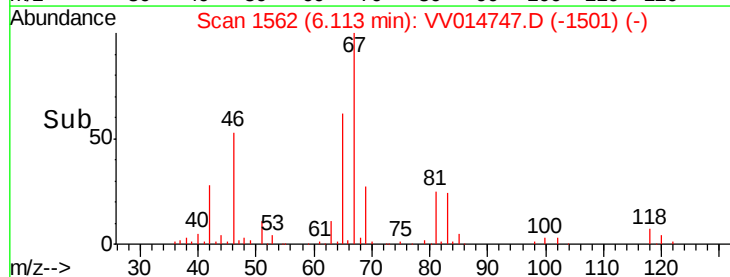
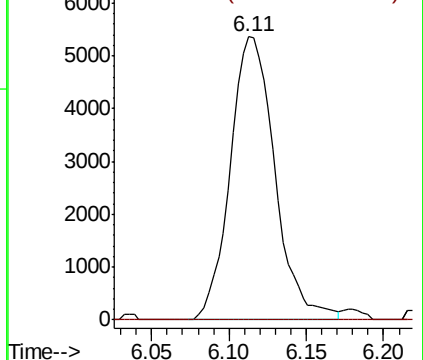


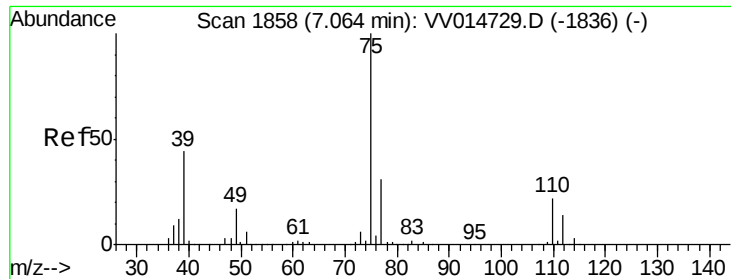
#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014747.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 63 Resp: 10771
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



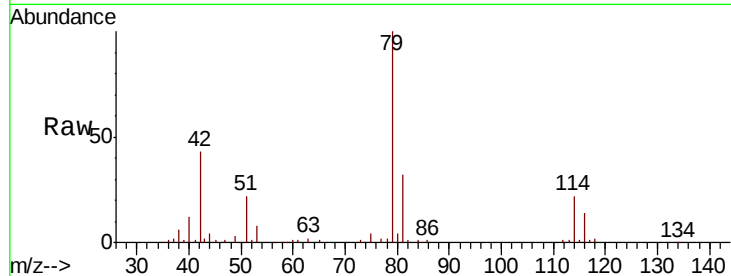


#39

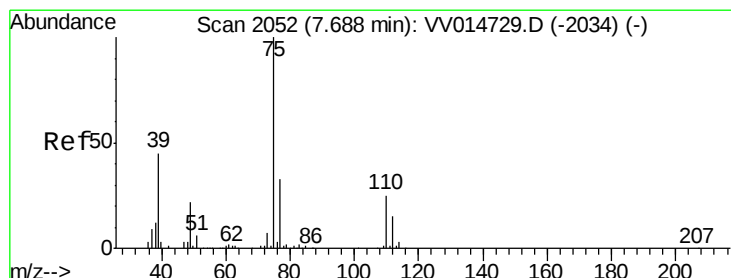
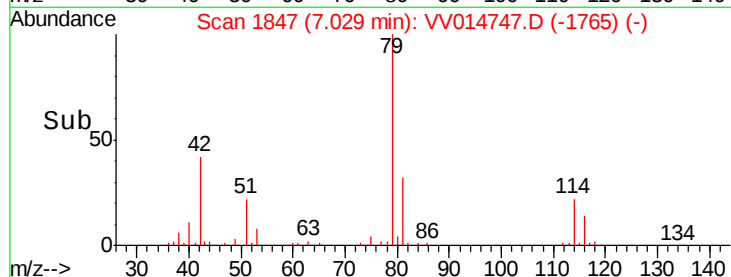
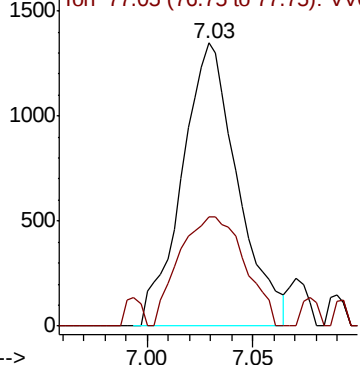
cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014747.D
 Acq: 04 Mar 2020 20:33

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2484
 Ion Ratio Lower Upper
 75 100
 77 38.5 23.0 42.8



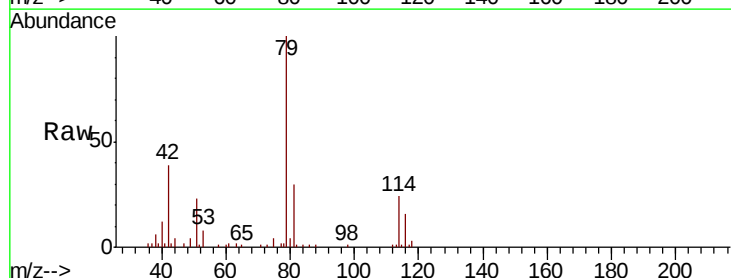
Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0



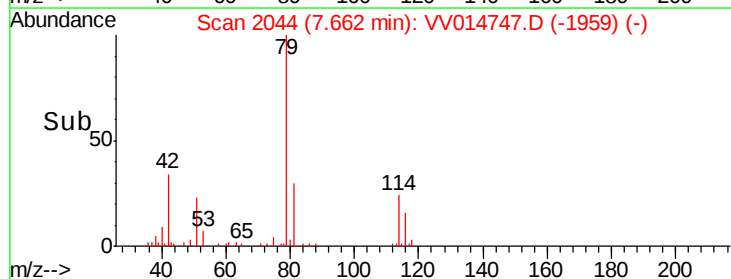
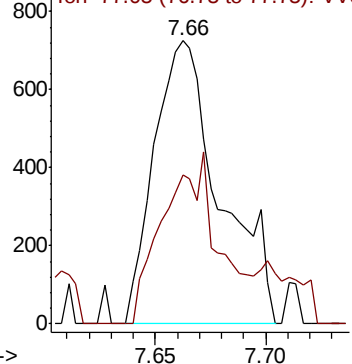
#44

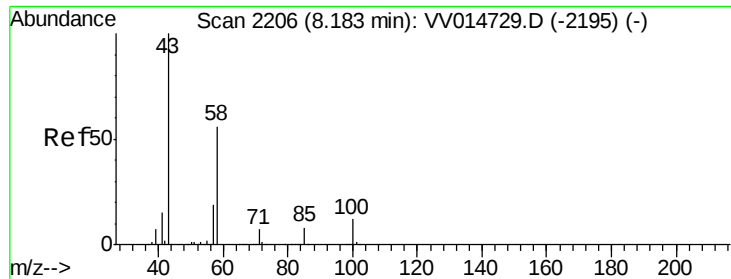
trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014747.D
 Acq: 04 Mar 2020 20:33

Tgt Ion: 75 Resp: 1506
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

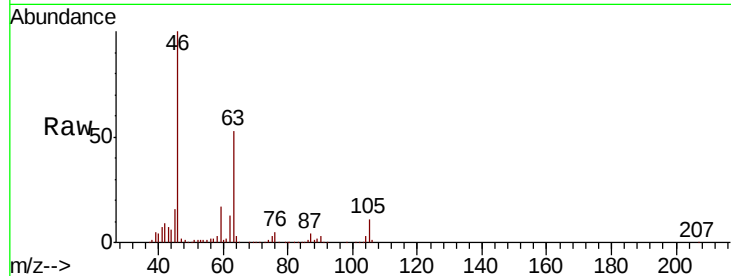




#48
2-Hexanone
Concen: 2.945 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014747.D
Acq: 04 Mar 2020 20:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.1	64.7#
57	0.0	14.6	21.8#
100	0.1	9.0	13.4#



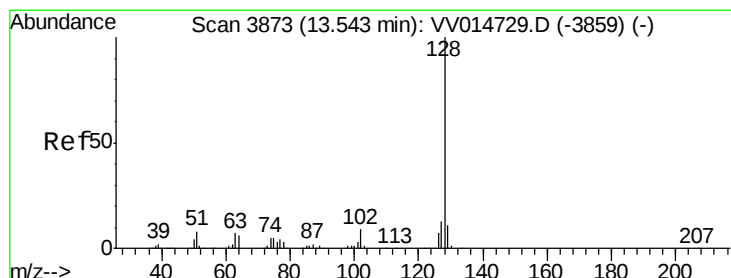
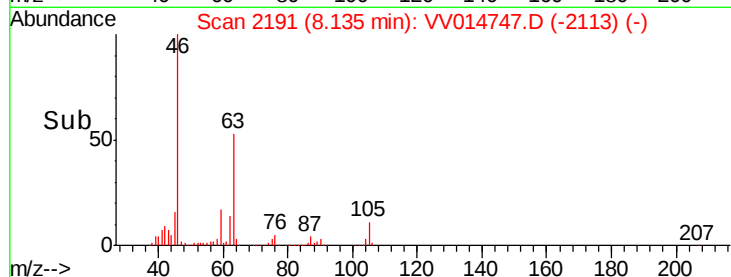
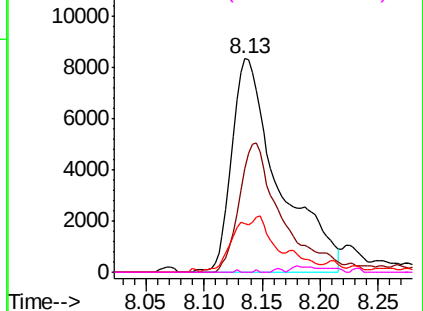
Abundance

Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

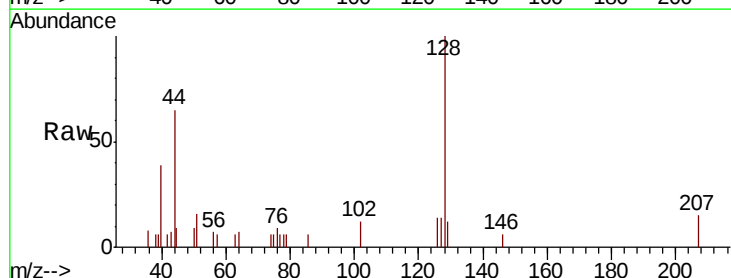
Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0



#69
Naphthalene
Concen: 0.099 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV014747.D
Acq: 04 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.6	8.7	13.1#
127	8.7	10.7	16.1#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

