

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016211.D
 Acq On : 26 May 2020 23:35
 Operator : SY/MD
 Sample : L2753-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 03:18:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	93531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89380	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29026	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	26269	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	40578	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.93	46	76884	51.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	4.38	84	57249	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	30795	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	112552	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	34170	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	101242	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.65	79	12073	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	8.12	63	53807	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24170	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	35677	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

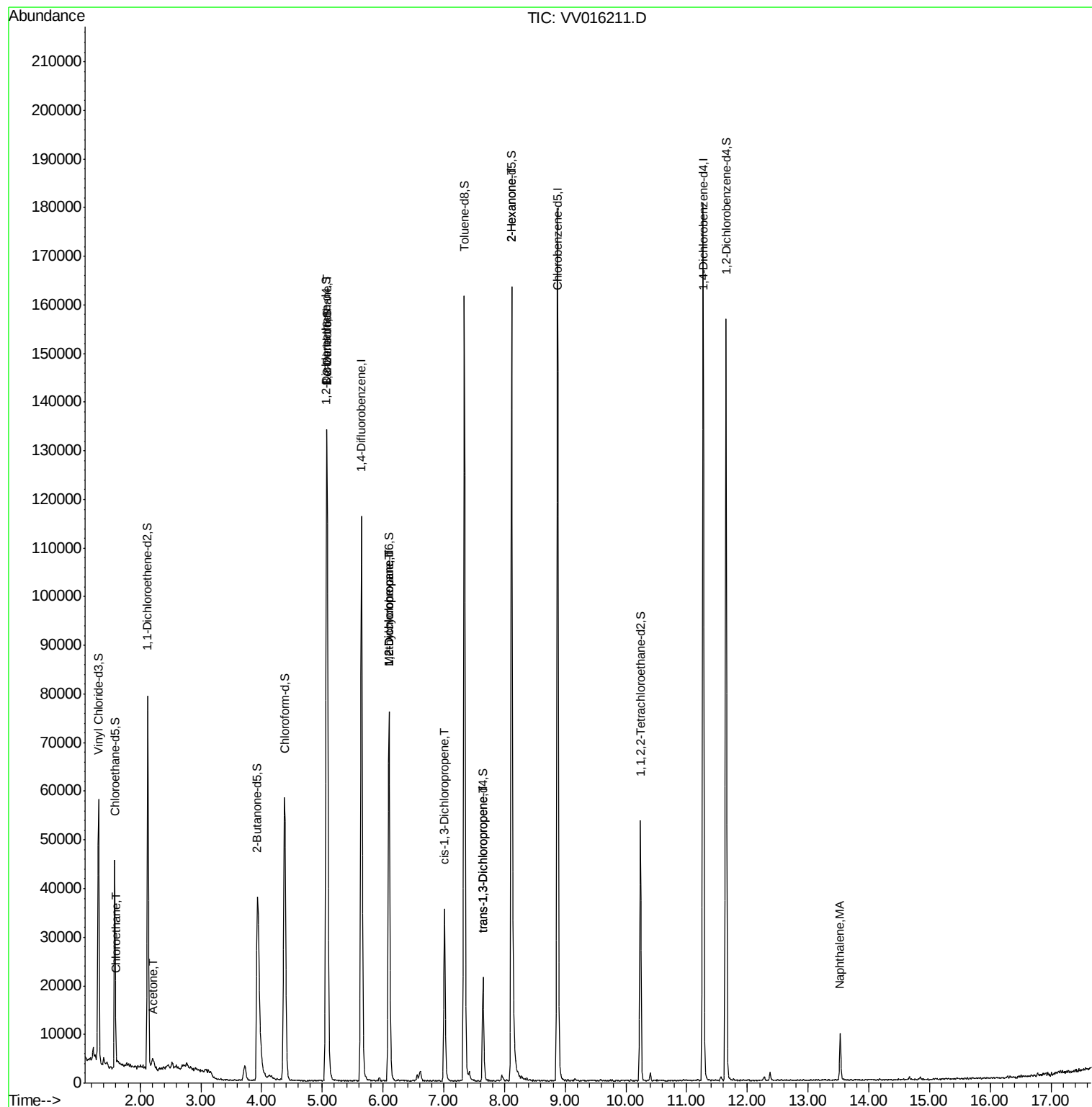
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	2165	0.473	ug/L #	42
13) Acetone	2.21	43	3603	3.906	ug/L	97
27) 1,2-Dichloroethane	5.08	62	738	0.093	ug/L #	79
35) Methylcyclohexane	6.10	83	8934	0.791	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4304	0.682	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1009	0.113	ug/L #	61
46) trans-1,3-Dichloropropene	7.65	75	539	0.073	ug/L #	44
50) 2-Hexanone	8.12	43	8997	3.287	ug/L #	79
70) Naphthalene	13.53	128	7590	0.444	ug/L	98

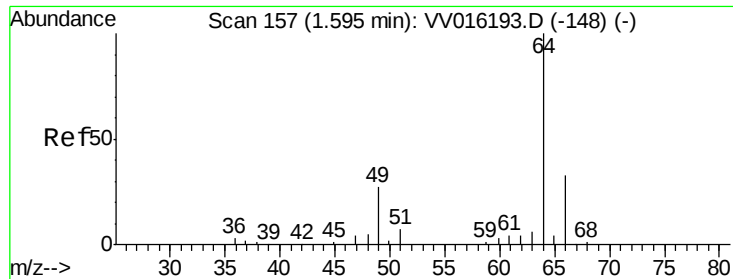
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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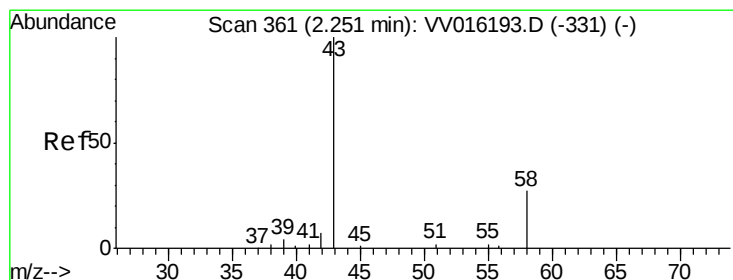
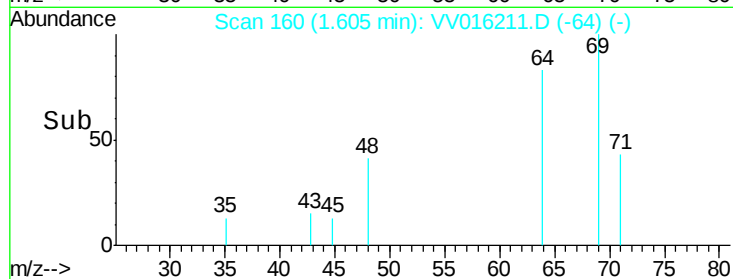
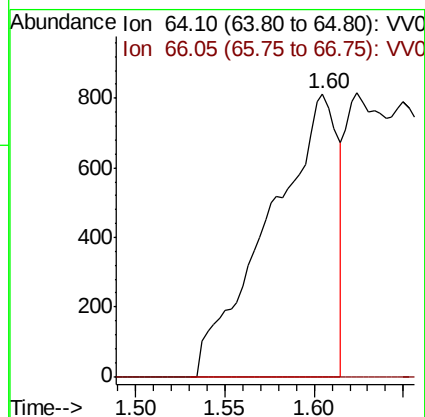
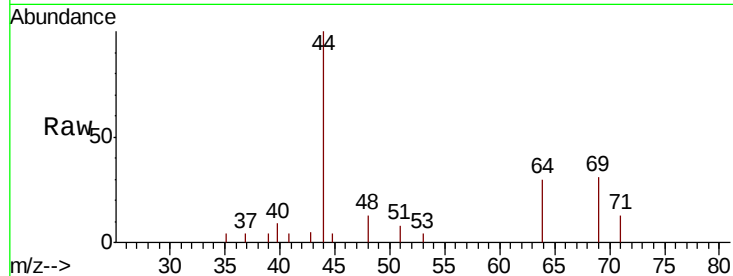




#8
 Chloroethane
 Concen: 0.473 ug/L
 RT: 1.60 min Scan# 160
 Delta R.T. 0.01 min
 Lab File: VV016211.D
 Acq: 26 May 2020 23:35

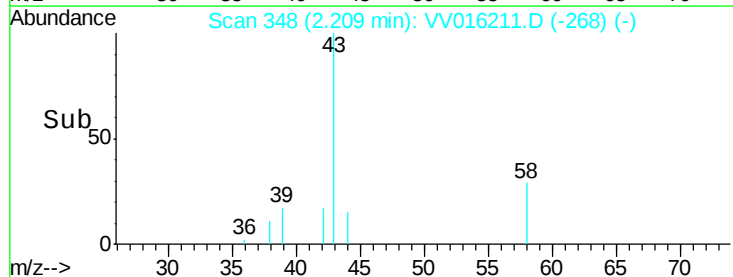
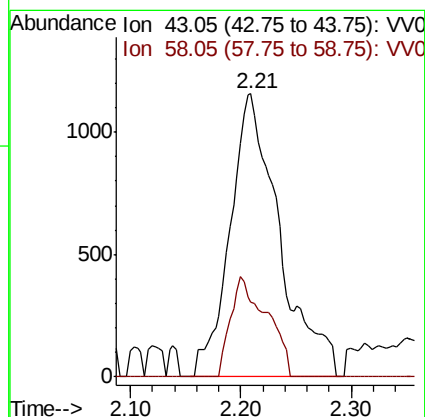
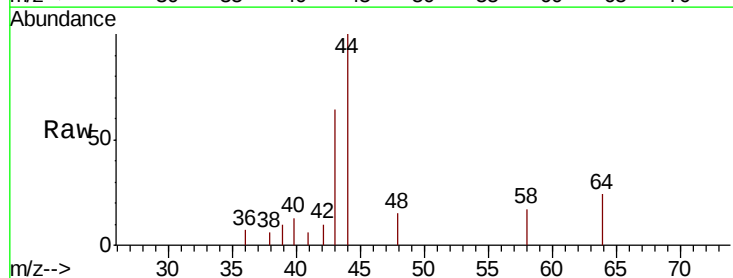
Instrument :
 MSVOA_V
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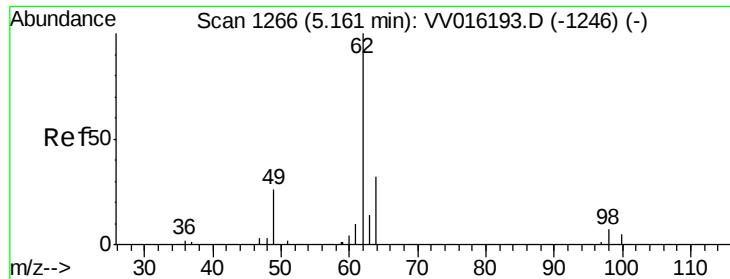
Tot Ion: 64 Resp: 2165
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#



#13
 Acetone
 Concen: 3.906 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.04 min
 Lab File: VV016211.D
 Acq: 26 May 2020 23:35

Tgt Ion: 43 Resp: 3603
 Ion Ratio Lower Upper
 43 100
 58 25.8 0.0 48.8

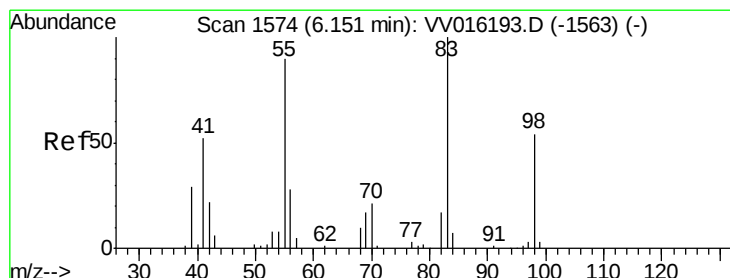
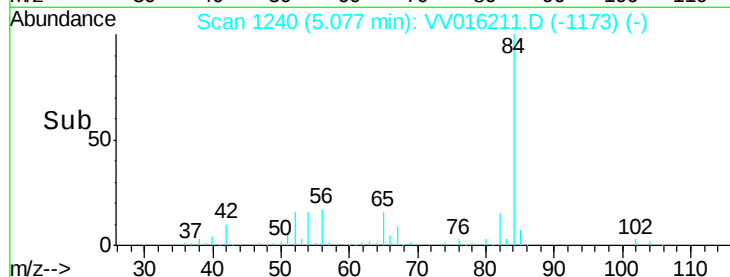
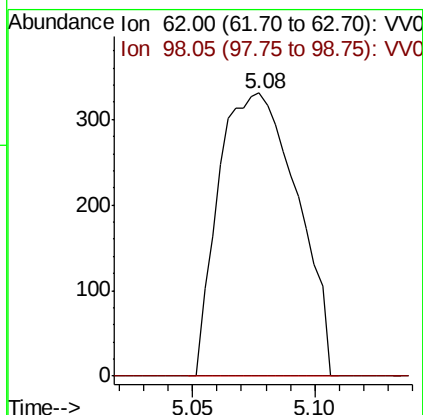
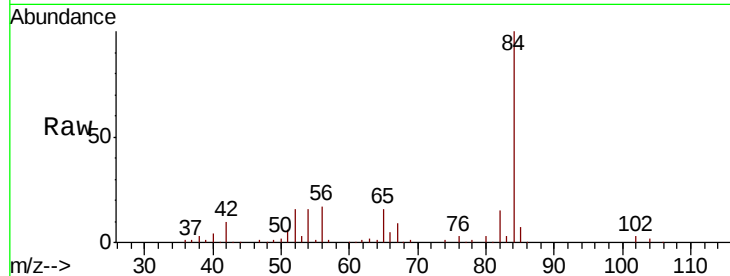




#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016211.D
 Acq: 26 May 2020 23:35

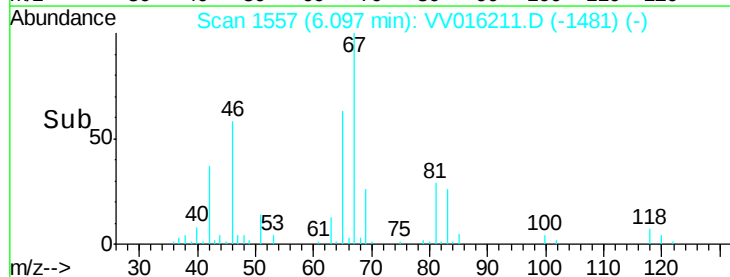
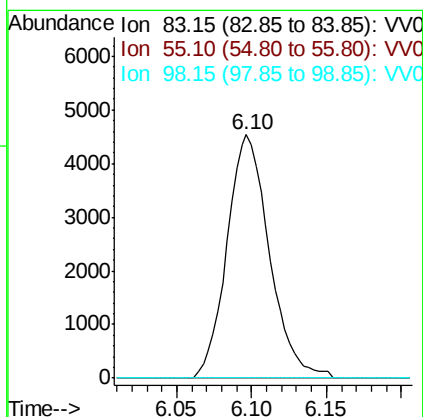
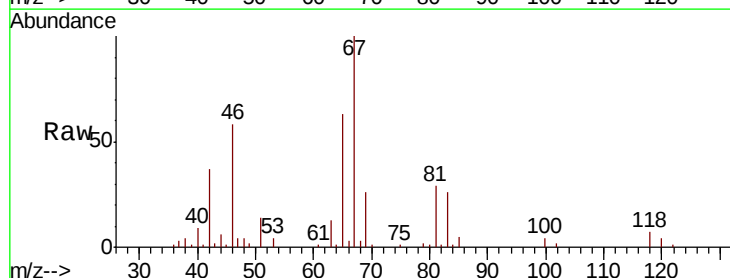
Instrument :
 MSVOA_V
 ClientSampleId :

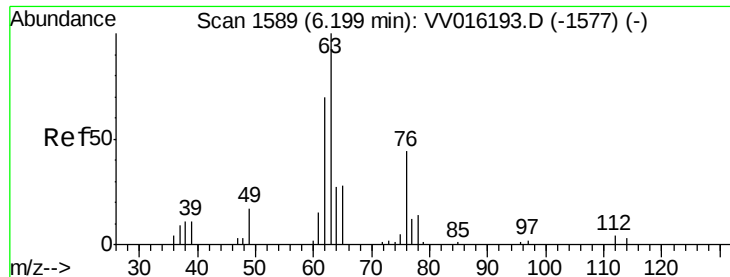
Tot Ion: 62 Resp: 738
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.791 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016211.D
 Acq: 26 May 2020 23:35

Tgt Ion: 83 Resp: 8934
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.0 39.3 58.9#

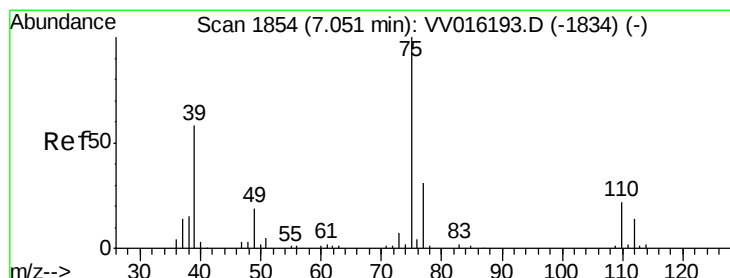
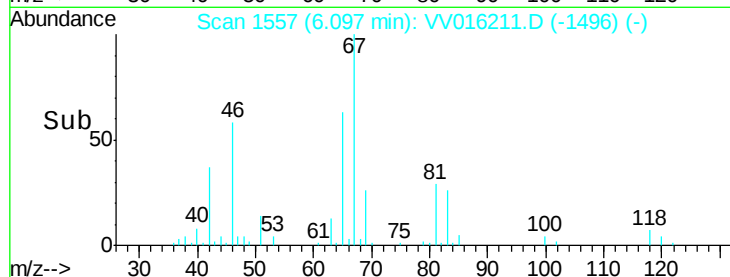
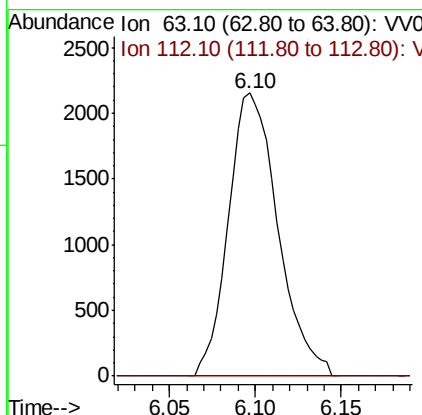
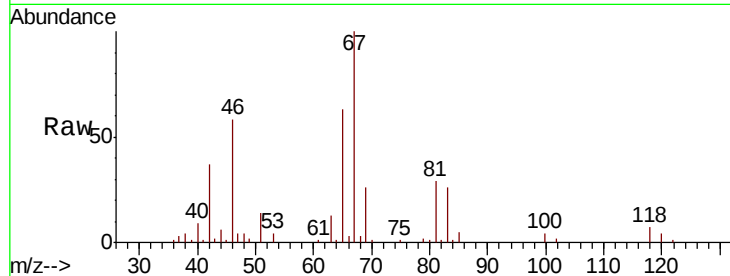




#37
 1,2-Dichloropropane
 Concen: 0.682 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016211.D
 Acq: 26 May 2020 23:35

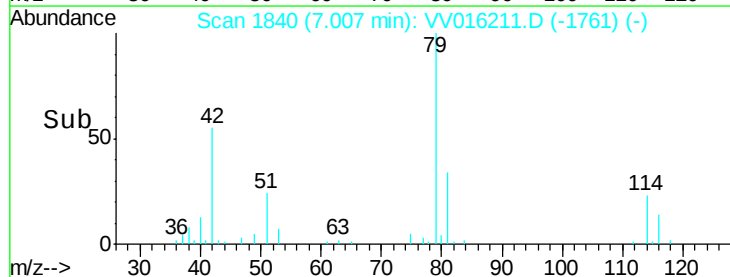
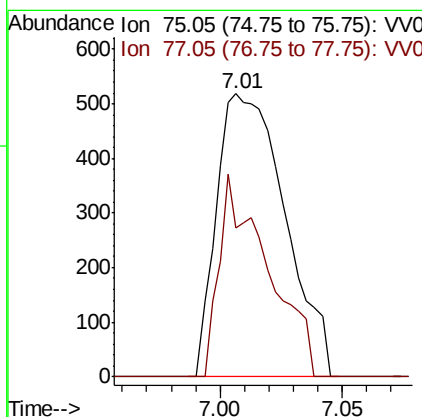
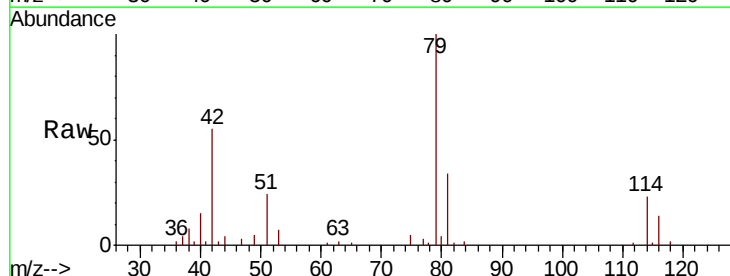
Instrument :
 MSVOA_V
 ClientSampleId :

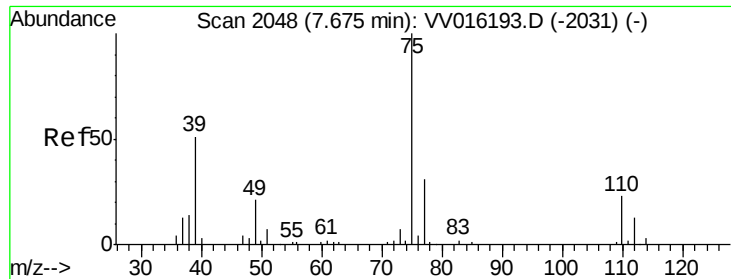
Tot Ion: 63 Resp: 4304
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016211.D
 Acq: 26 May 2020 23:35

Tgt Ion: 75 Resp: 1009
 Ion Ratio Lower Upper
 75 100
 77 52.7 21.7 40.3#

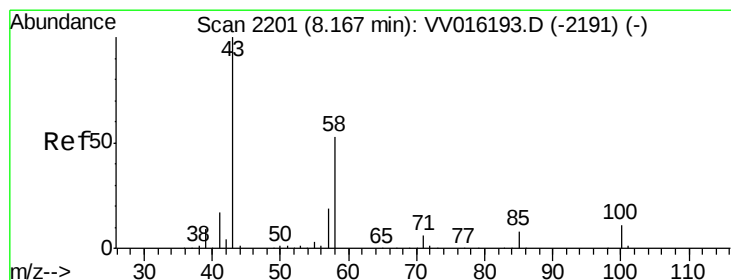
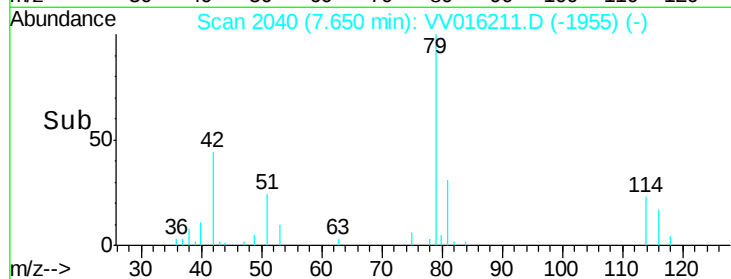
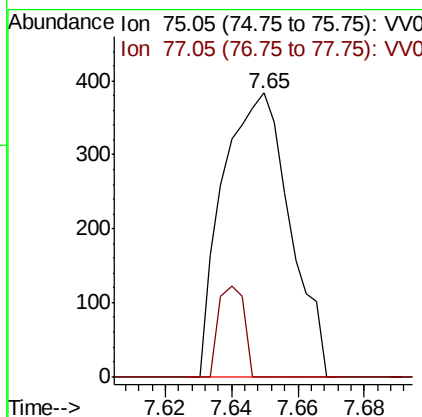
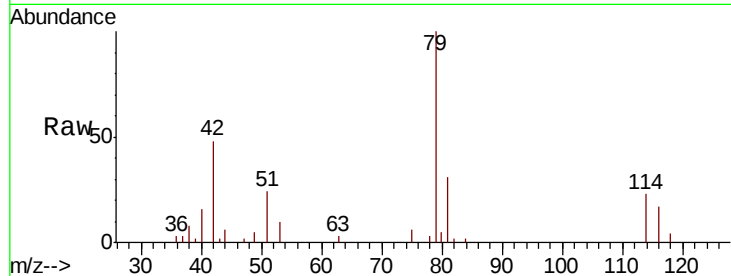




#46
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.03 min
Lab File: VV016211.D
Acq: 26 May 2020 23:35

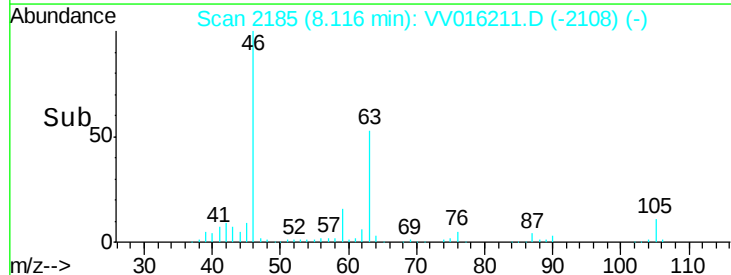
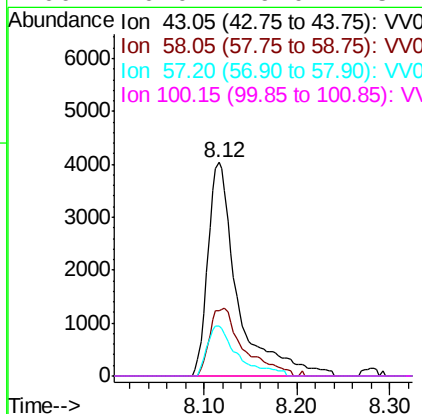
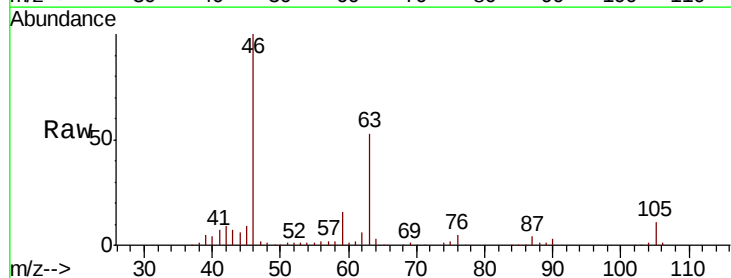
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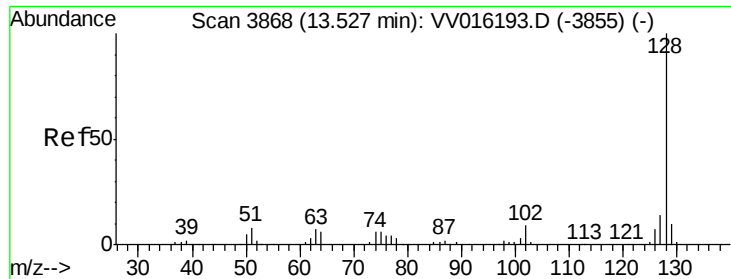
Tot Ion: 75 Resp: 539
Ion Ratio Lower Upper
75 100
77 0.0 21.7 40.3#



#50
2-Hexanone
Concen: 3.287 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016211.D
Acq: 26 May 2020 23:35

Tgt Ion: 43 Resp: 8997
Ion Ratio Lower Upper
43 100
58 35.9 41.4 62.0#
57 23.8 15.0 22.4#
100 0.0 9.0 13.4#





#70

Naphthalene

Concen: 0.444 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

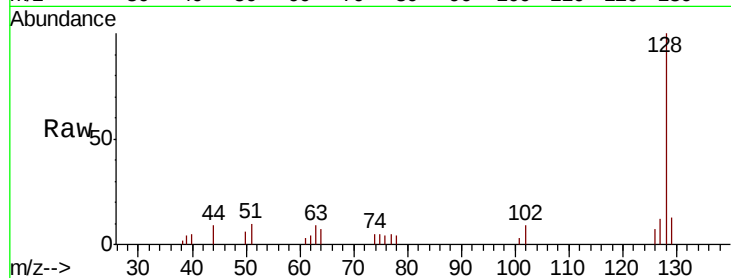
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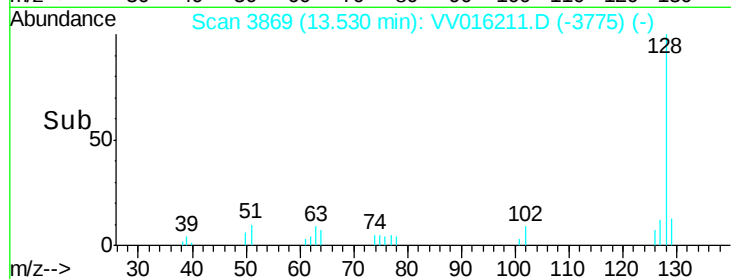
Tot Ion:128 Resp: 7590

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 11.9 10.6 15.8



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

