

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\
 Data File : VV019375.D
 Acq On : 13 Nov 2020 14:08
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK82

Quant Time: Nov 16 15:01:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 13:41:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	210938	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65573	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.58	69	58347	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.12	63	105374	32.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.42%
21) 2-Butanone-d5	3.90	46	76679	93.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	4.37	84	137620	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.05	65	100143	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.07	84	247502	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
36) 1,2-Dichloropropane-d6	6.09	67	72748	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.00%
41) Toluene-d8	7.33	98	230826	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.64	79	41693	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.32%
47) 2-Hexanone-d5	8.11	63	48266	84.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.04%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	89970	43.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.02%
64) 1,2-Dichlorobenzene-d4	11.64	152	107389	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%

Target Compounds

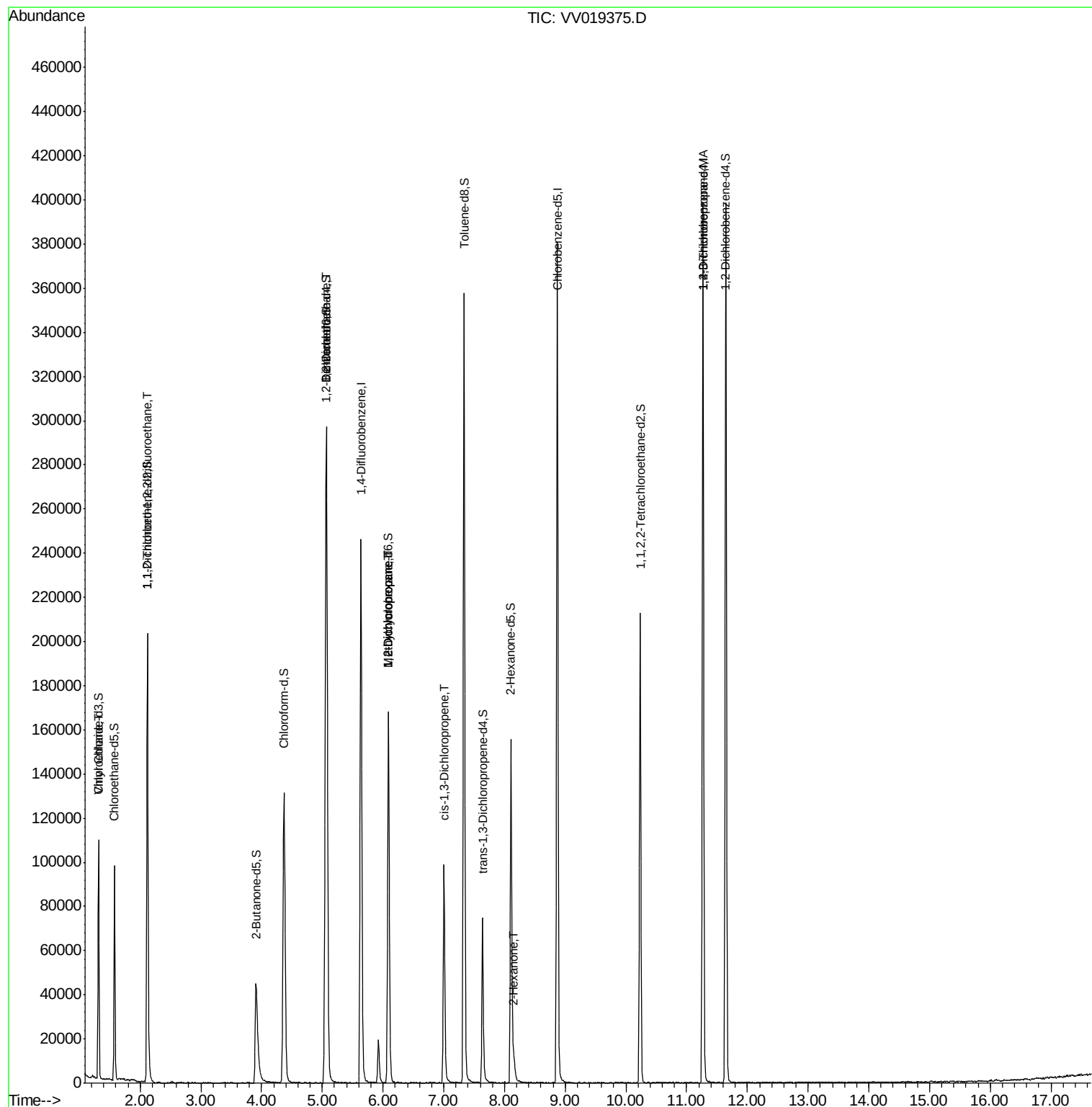
					Ovalue	
8) Chloroethane	1.32	64	888	0.827	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1079	0.775	ug/L #	15
27) 1,2-Dichloroethane	5.07	62	1649	0.706	ug/L #	76
35) Methylcyclohexane	6.09	83	21100	10.490	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	9829	7.494	ug/L #	83
39) cis-1,3-Dichloropropene	7.00	75	2505	1.114	ug/L #	75
48) 2-Hexanone	8.16	43	4982	3.841	ug/L #	52
59) 1,2,3-Trichloropropane	11.27	75	10398	5.805	ug/L	95

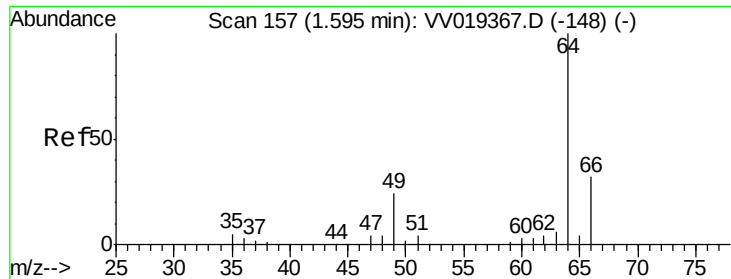
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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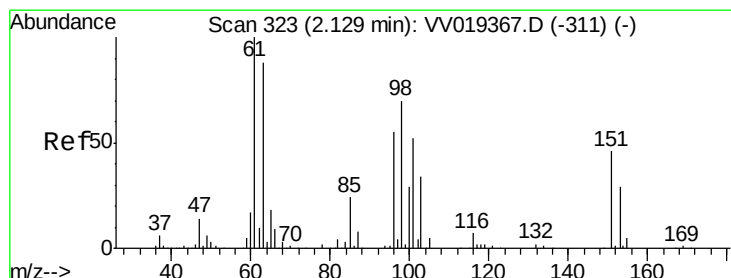
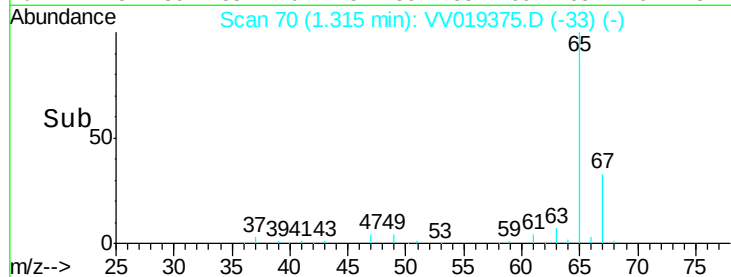
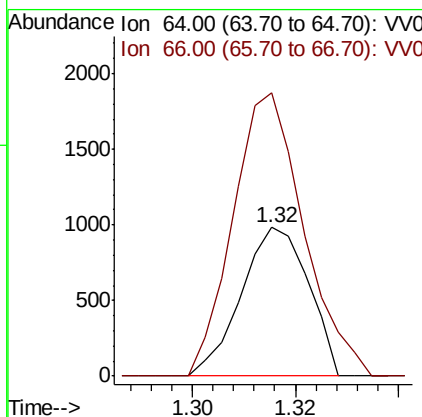
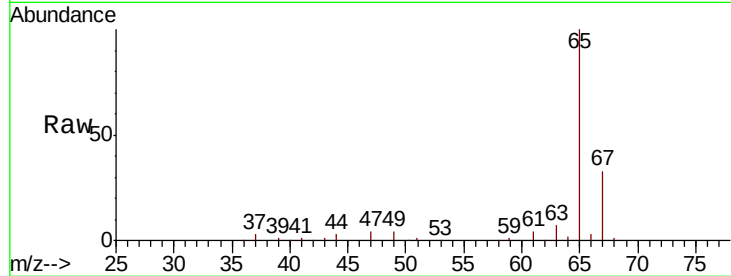




#8
 Chloroethane
 Concen: 0.827 ug/L
 RT: 1.32 min Scan# 70
 Delta R.T. -0.28 min
 Lab File: VV019375.D
 Acq: 13 Nov 2020 14:08

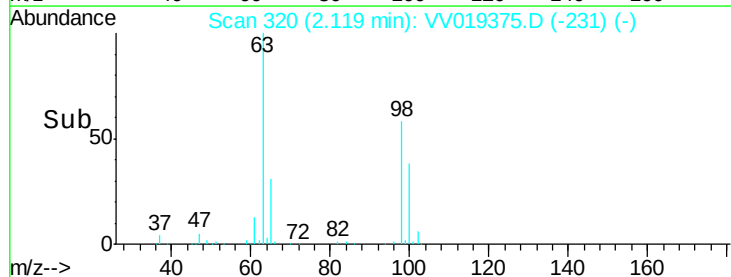
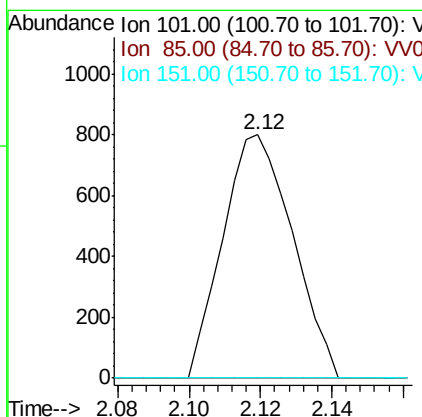
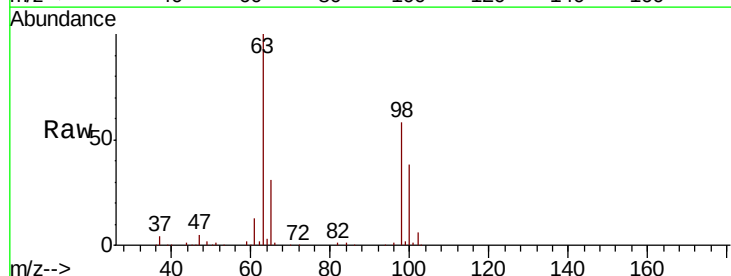
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 ClientSampleId :
 VIBLK82

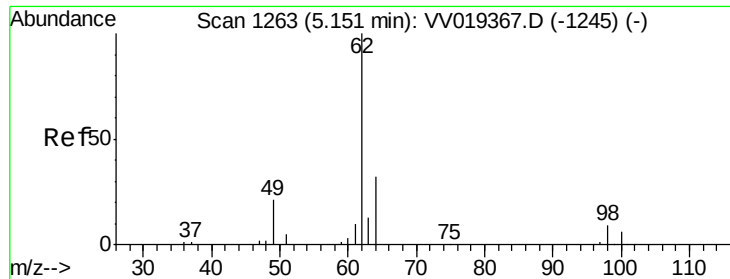
Tot Ion: 64 Resp: 888
 Ion Ratio Lower Upper
 64 100
 66 190.2 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.775 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV019375.D
 Acq: 13 Nov 2020 14:08

Tgt Ion: 101 Resp: 1079
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 69.2 103.8#

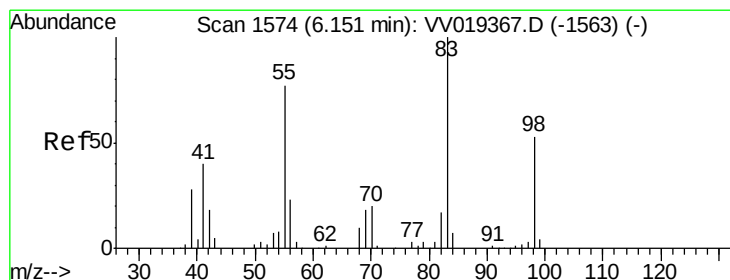
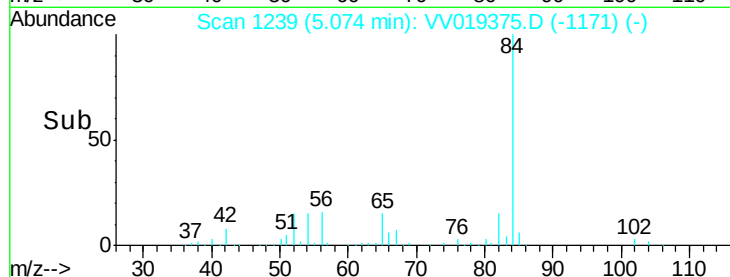
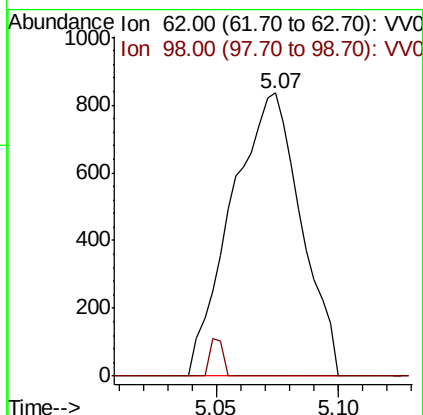
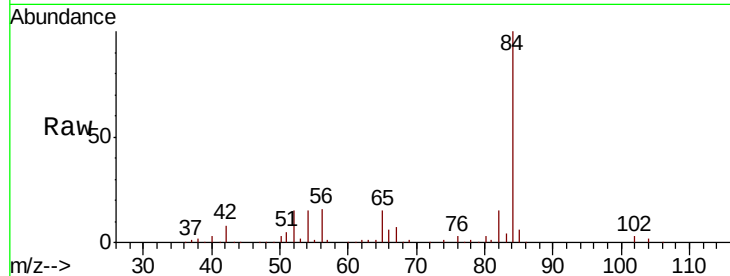




#27
 1,2-Dichloroethane
 Concen: 0.706 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV019375.D
 Acq: 13 Nov 2020 14:08

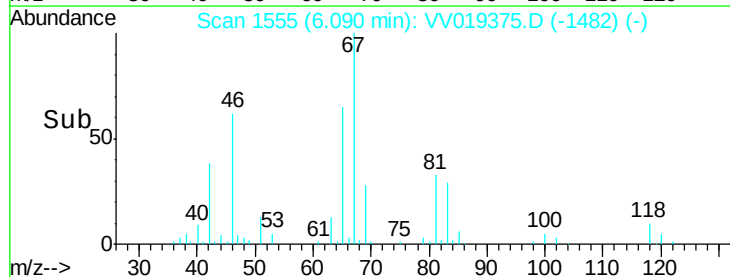
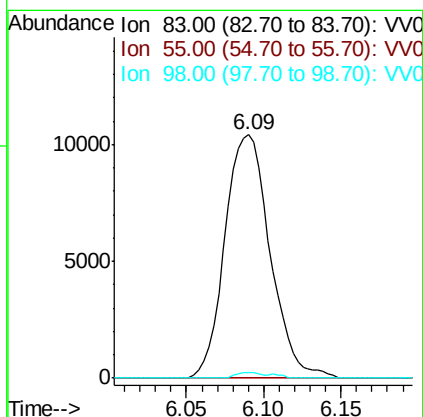
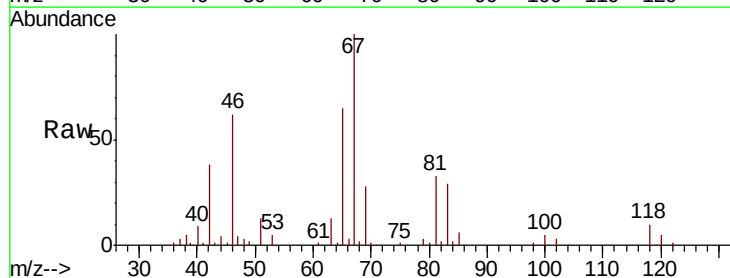
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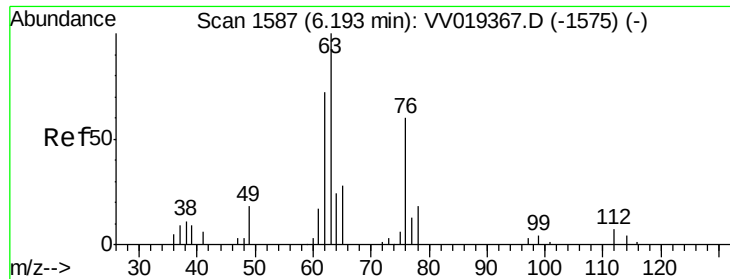
Tot Ion: 62 Resp: 1649
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 10.490 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.06 min
 Lab File: VV019375.D
 Acq: 13 Nov 2020 14:08

Tgt Ion: 83 Resp: 21100
 Ion Ratio Lower Upper
 83 100
 55 0.0 58.6 88.0#
 98 1.2 41.4 62.0#

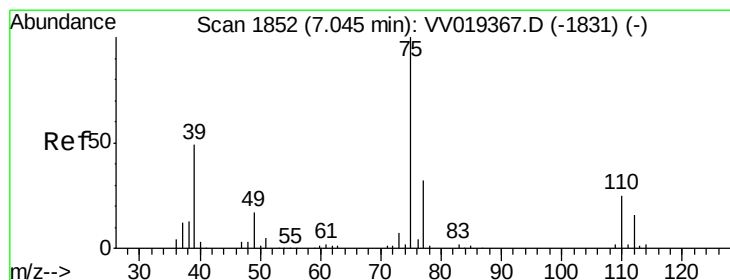
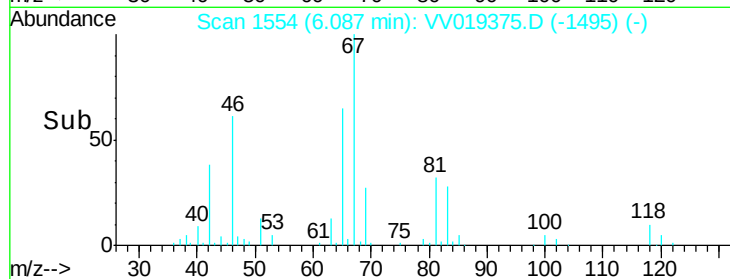
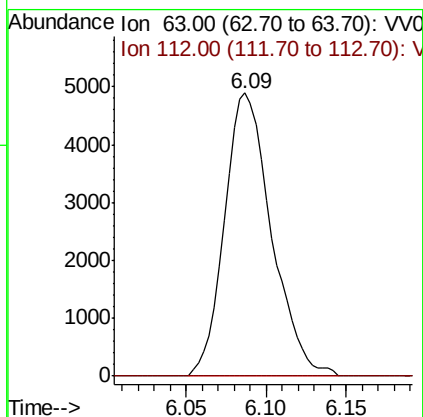
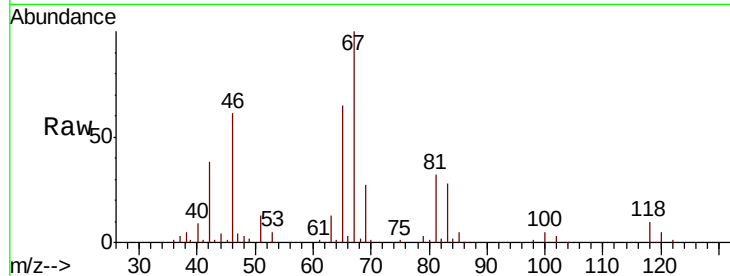




#37
 1,2-Dichloropropane
 Concen: 7.494 ug/L
 RT: 6.09 min Scan# 1554
 Delta R.T. -0.11 min
 Lab File: VV019375.D
 Acq: 13 Nov 2020 14:08

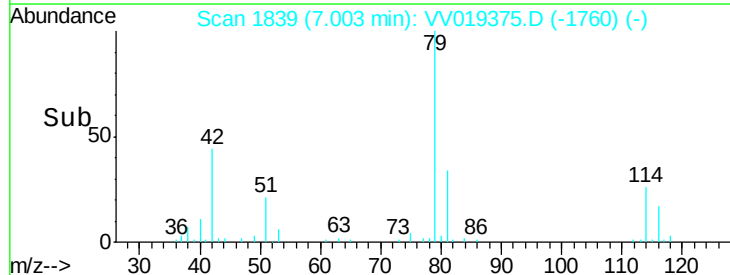
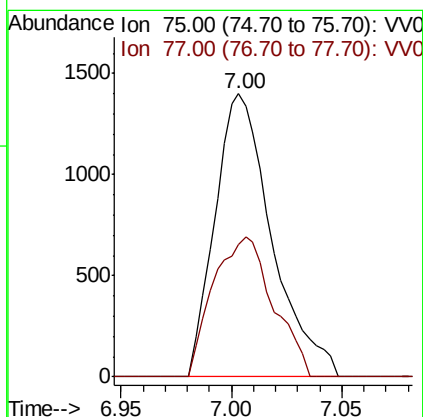
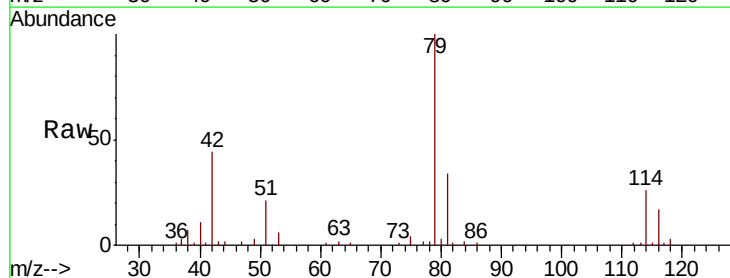
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 MSVOA_V
 ClientSampled :
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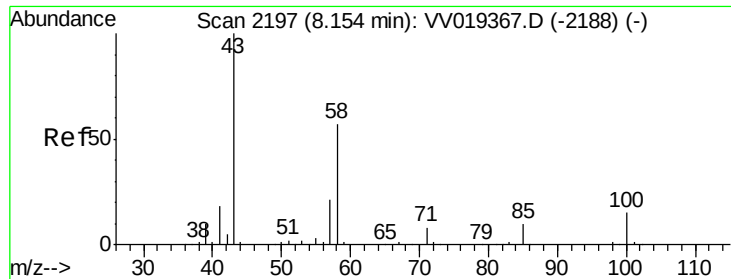
Tot Ion: 63 Resp: 9829
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.114 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019375.D
 Acq: 13 Nov 2020 14:08

Tgt Ion: 75 Resp: 2505
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.7 42.1#

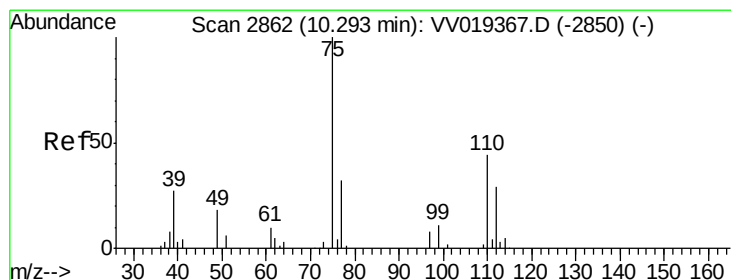
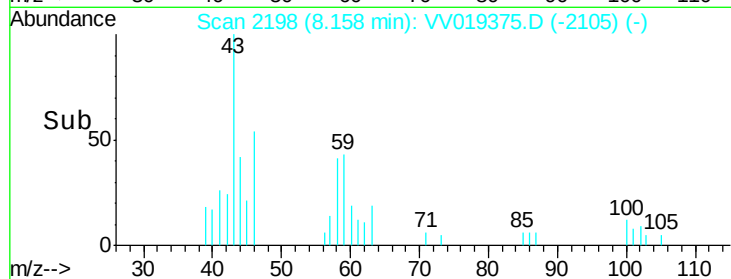
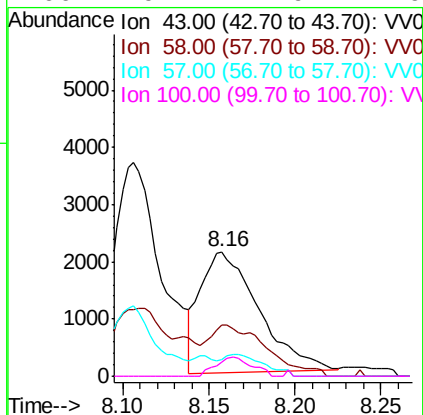
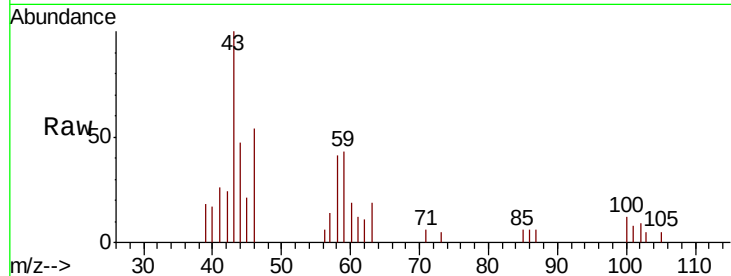




#48
2-Hexanone
Concen: 3.841 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019375.D
Acq: 13 Nov 2020 14:08

Instrument :
MSVOA_V
ClientSampleId :
VIBLK82

Tot Ion: 43 Resp: 4982
Ion Ratio Lower Upper
43 100
58 7.6 43.6 65.4#
57 8.0 17.2 25.8#
100 9.7 11.9 17.9#



#59
1,2,3-Trichloropropane
Concen: 5.805 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019375.D
Acq: 13 Nov 2020 14:08

Tgt Ion: 75 Resp: 10398
Ion Ratio Lower Upper
75 100
77 33.9 25.0 37.4

