

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039267.D
 Acq On : 16 Dec 2023 06:11
 Operator : JC/MD
 Sample : 05845-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:15:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

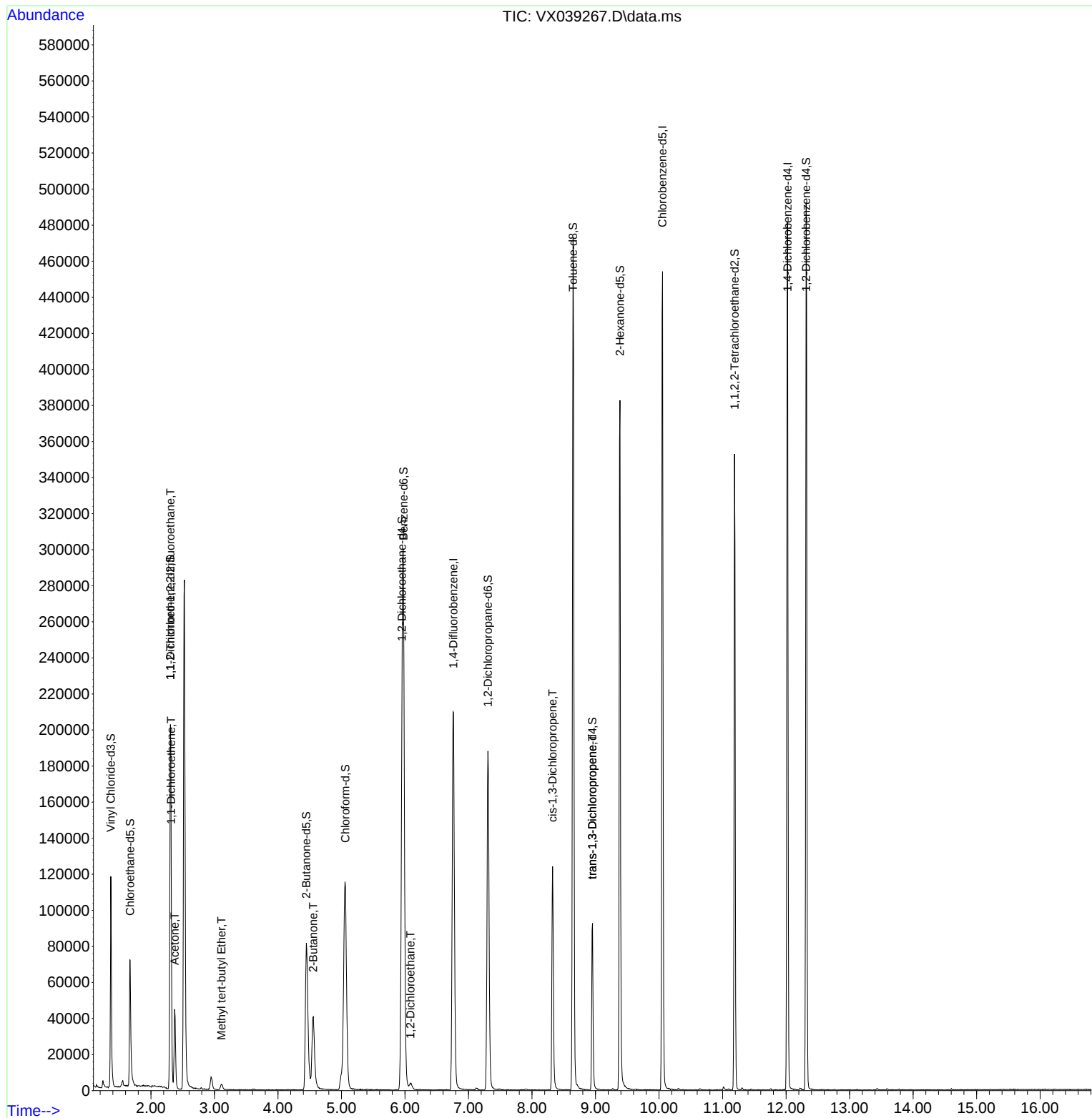
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	208845	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75534	46.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.220%			
7) Chloroethane-d5	1.672	69	56099	46.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.660%			
11) 1,1-Dichloroethene-d2	2.306	65	36957	51.397	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.800%			
21) 2-Butanone-d5	4.446	46	144105	97.186	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.190%			
24) Chloroform-d	5.062	84	146723	50.598	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.952	65	100660	53.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.200%			
32) Benzene-d6	5.976	84	297331	49.348	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.700%			
36) 1,2-Dichloropropane-d6	7.305	67	94865	48.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.840%			
41) Toluene-d8	8.647	98	268384	49.153	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.300%			
43) trans-1,3-Dichloroprop...	8.952	79	42443	43.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.020%			
47) 2-Hexanone-d5	9.384	63	103562	89.423	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.420%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133534	48.546	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.100%			
66) 1,2-Dichlorobenzene-d4	12.317	152	89558	50.480	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.960%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1124	0.786	ug/L #	21
12) 1,1-Dichloroethene	2.319	96	1990	1.479	ug/L #	1
13) Acetone	2.373	43	46472	32.624	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	3433	0.696	ug/L #	74
22) 2-Butanone	4.556	43	73841	42.239	ug/L	98
27) 1,2-Dichloroethane	6.086	62	3197	1.449	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	3430	1.250	ug/L	99
44) trans-1,3-Dichloropropene	8.952	75	2104	0.826	ug/L	96

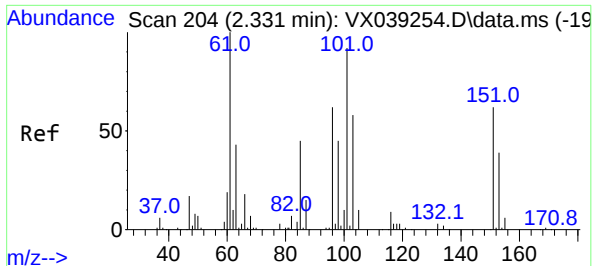
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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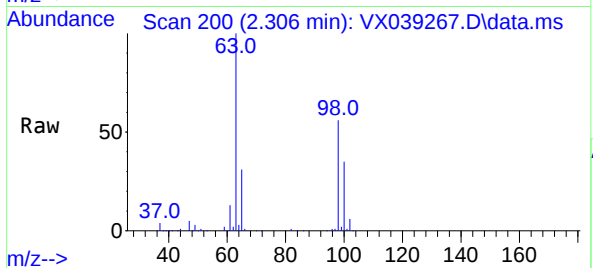
Quant Time: Dec 16 20:15:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
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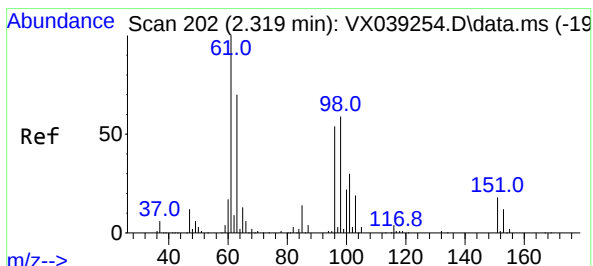
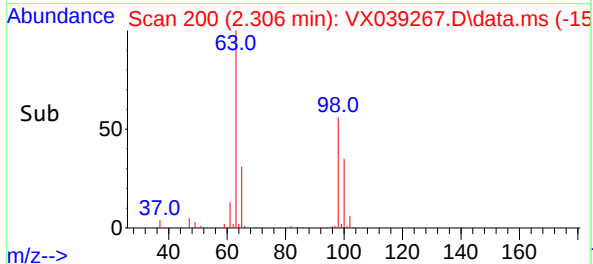
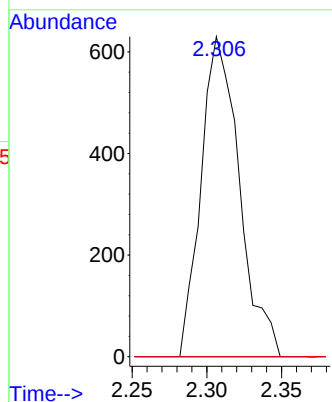


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.786 ug/L
RT: 2.306 min Scan# 204
Delta R.T. -0.025 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Instrument :
MSVOA_X
ClientSampleId :

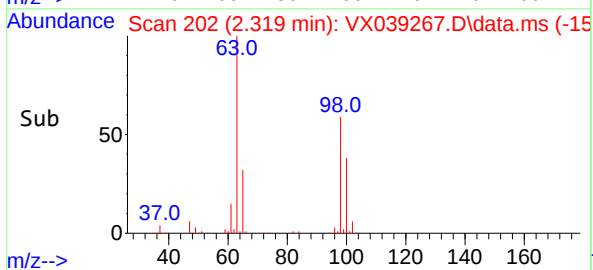
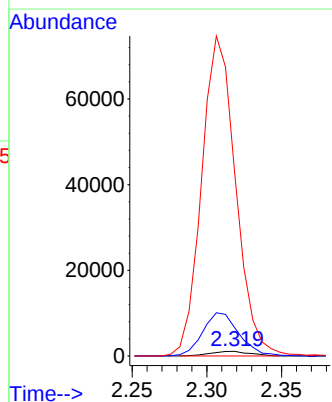
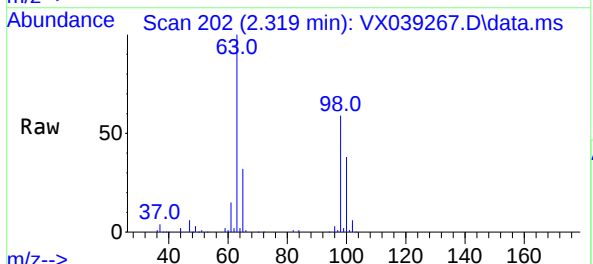


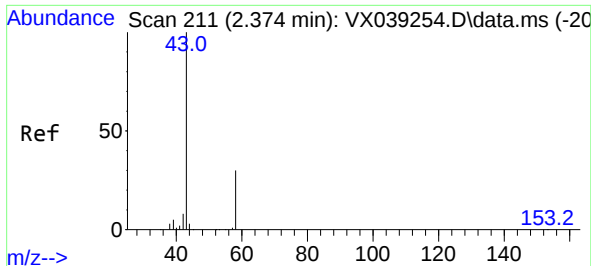
Tgt Ion:101 Resp: 1124
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 1.479 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Tgt Ion: 96 Resp: 1990
Ion Ratio Lower Upper
96 100
61 607.0 128.0 237.6#
63 3930.3 101.5 188.5#

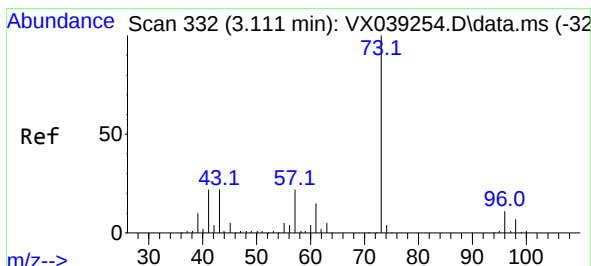
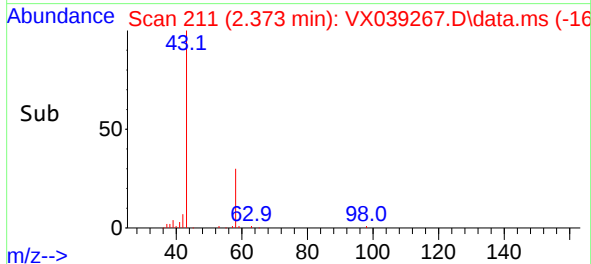
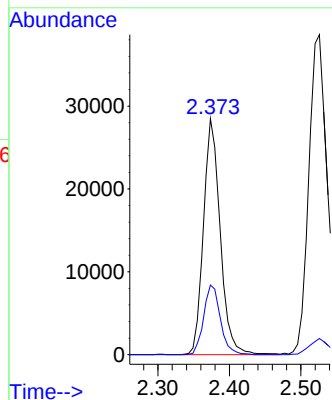
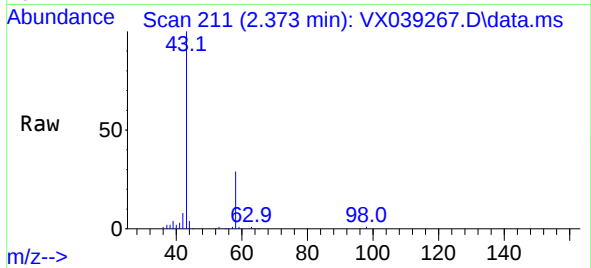




#13
Acetone
Concen: 32.624 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

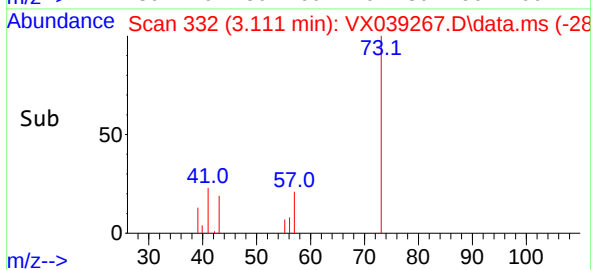
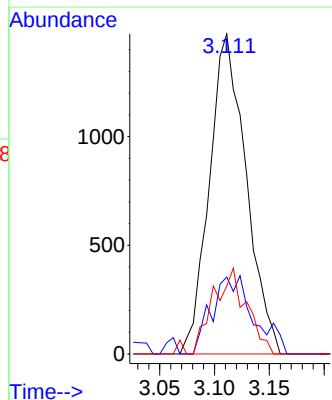
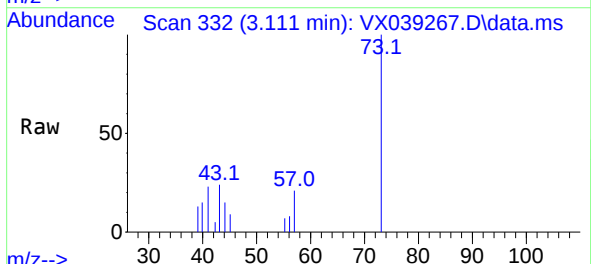
Instrument :
MSVOA_X
ClientSampleId :

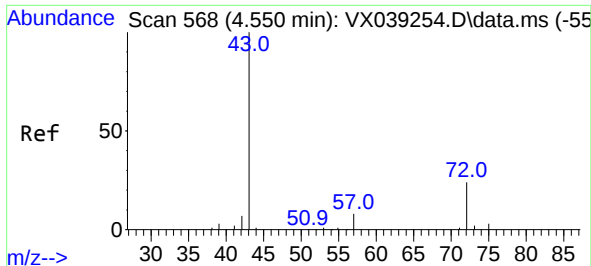
Tgt Ion: 43 Resp: 46472
Ion Ratio Lower Upper
43 100
58 29.4 0.0 65.8



#18
Methyl tert-butyl Ether
Concen: 0.696 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Tgt Ion: 73 Resp: 3433
Ion Ratio Lower Upper
73 100
43 15.3 16.9 25.3#
57 4.4 18.5 27.7#

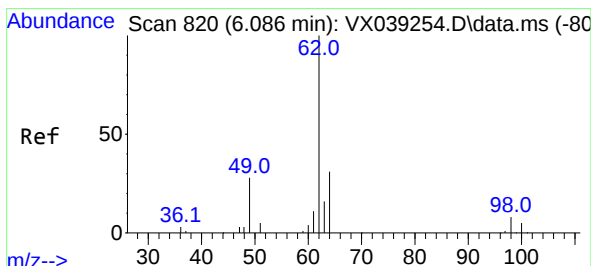
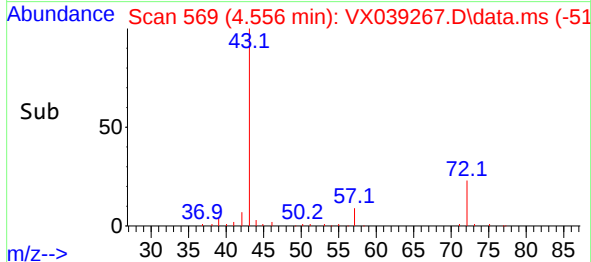
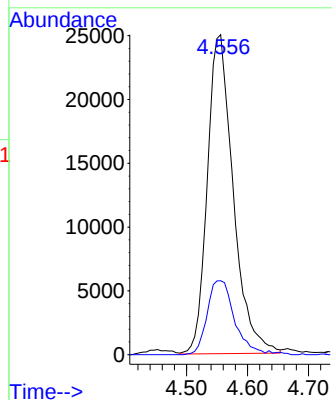
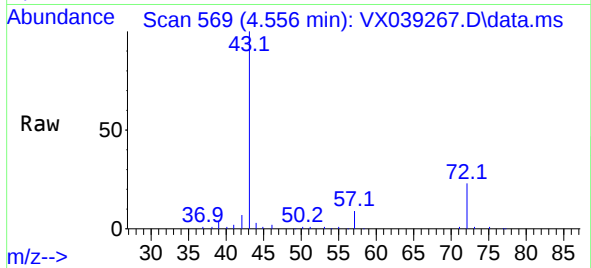




#22
2-Butanone
Concen: 42.239 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

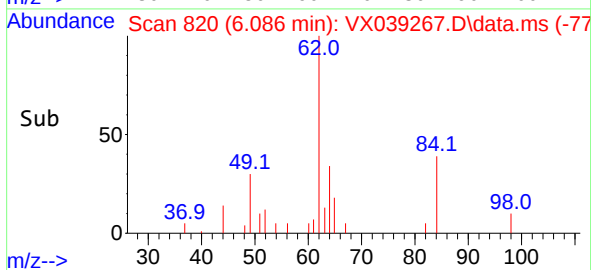
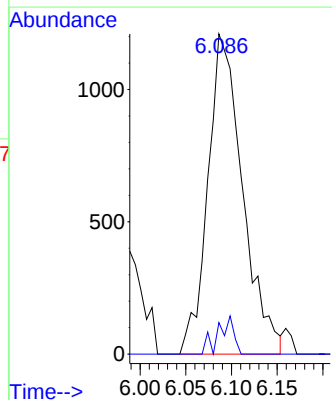
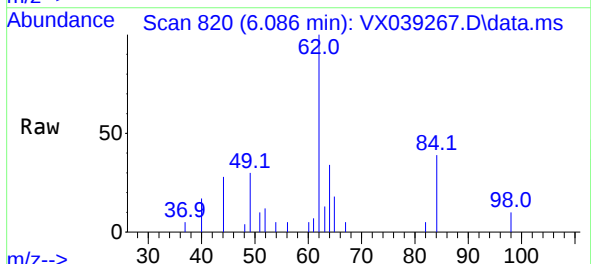
Instrument :
MSVOA_X
ClientSampleId :

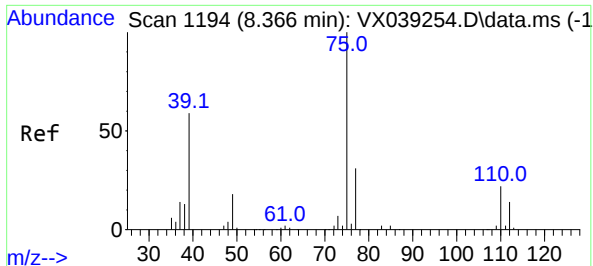
Tgt Ion: 43 Resp: 73841
Ion Ratio Lower Upper
43 100
72 24.3 12.6 37.6



#27
1,2-Dichloroethane
Concen: 1.449 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Tgt Ion: 62 Resp: 3197
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0

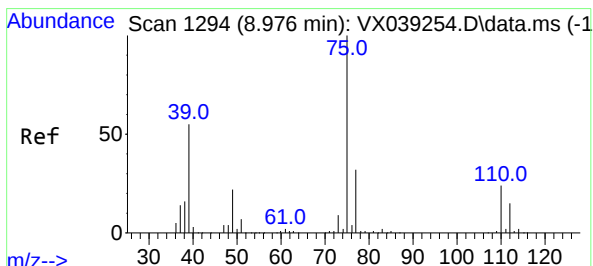
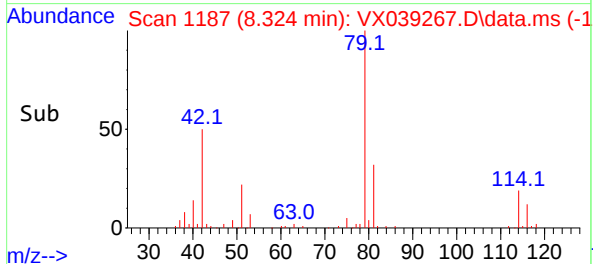
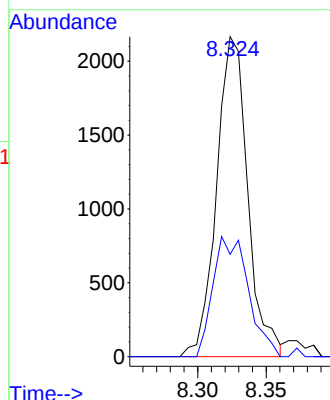
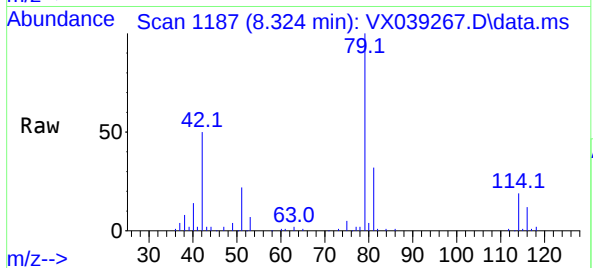




#39
cis-1,3-Dichloropropene
Concen: 1.250 ug/L
RT: 8.324 min Scan# 1194
Delta R.T. -0.037 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 3430
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.826 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.018 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Tgt Ion: 75 Resp: 2104
Ion Ratio Lower Upper
75 100
77 33.4 22.0 40.8

