

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039290.D
 Acq On : 16 Dec 2023 15:07
 Operator : JC/MD
 Sample : 05845-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:12:46 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)

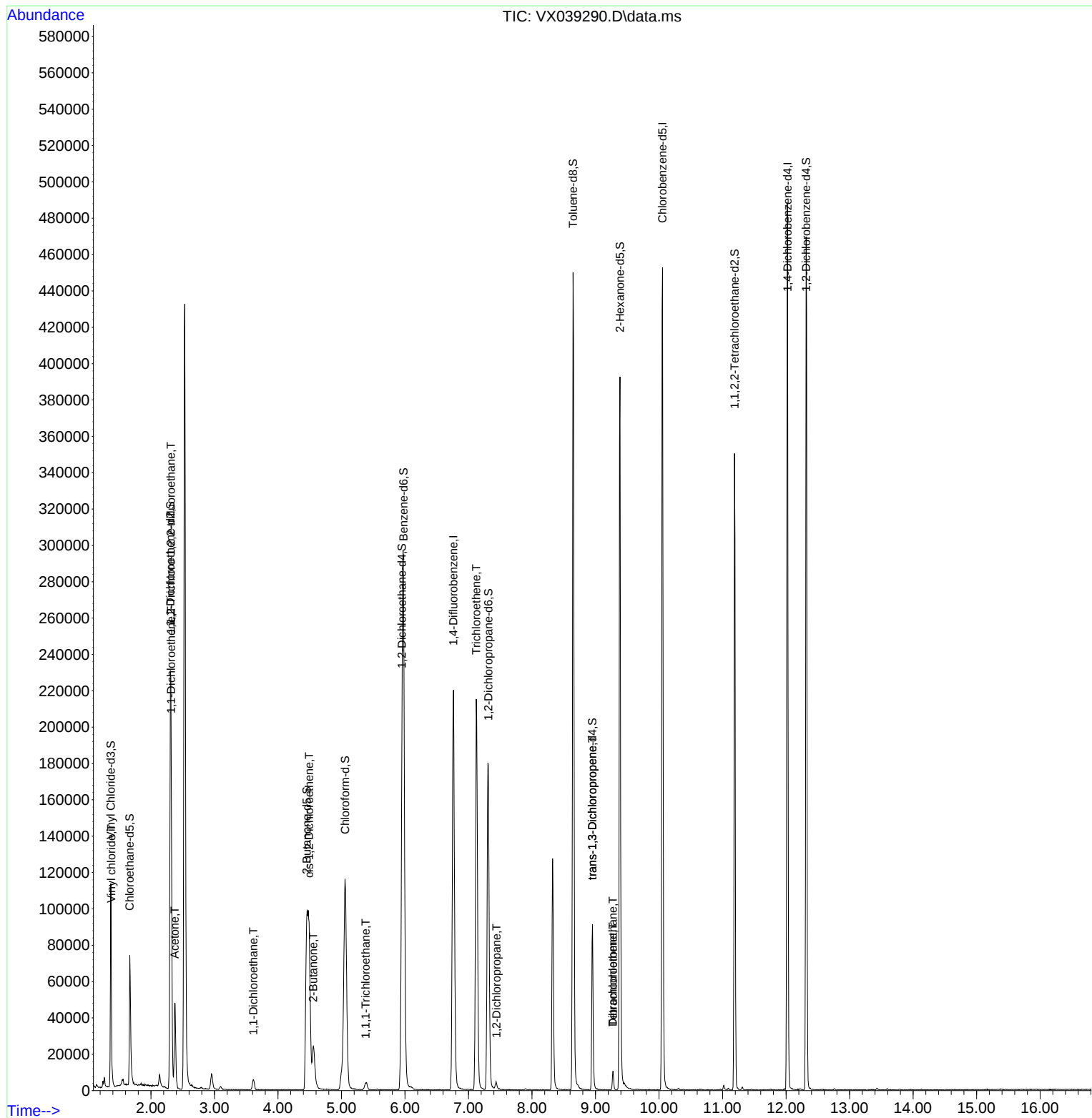
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68450	41.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.060%		
7) Chloroethane-d5	1.666	69	51811	42.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.040%		
11) 1,1-Dichloroethene-d2	2.306	65	35506	48.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.960%		
21) 2-Butanone-d5	4.452	46	152135	100.743	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.740%		
24) Chloroform-d	5.056	84	142336	48.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
26) 1,2-Dichloroethane-d4	5.952	65	98371	51.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.860%		
32) Benzene-d6	5.976	84	289347	47.279	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.560%		
36) 1,2-Dichloropropane-d6	7.312	67	93001	47.220	ug/L	0.01
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.440%		
41) Toluene-d8	8.647	98	262183	47.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.540%		
43) trans-1,3-Dichloroprop...	8.952	79	42117	42.022	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.040%		
47) 2-Hexanone-d5	9.384	63	108326	92.087	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.090%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	132025	47.254	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.500%		
66) 1,2-Dichlorobenzene-d4	12.317	152	86432	49.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.720%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2032	1.163	ug/L #	12
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1475	1.013	ug/L #	44
12) 1,1-Dichloroethene	2.319	96	25828	18.850	ug/L #	42
13) Acetone	2.373	43	49859	34.368	ug/L	95
19) 1,1-Dichloroethane	3.611	63	6579	2.305	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	43413	25.925	ug/L	95
22) 2-Butanone	4.556	43	42549	23.898	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	1990	0.827	ug/L #	23
34) Trichloroethene	7.123	95	82280	49.405	ug/L	98
37) 1,2-Dichloropropane	7.440	63	1724	0.986	ug/L	99
44) trans-1,3-Dichloropropene	8.952	75	2381	0.920	ug/L	93
46) Tetrachloroethene	9.275	164	1462	1.331	ug/L #	83
49) Dibromochloromethane	9.275	129	1654	1.060	ug/L #	10

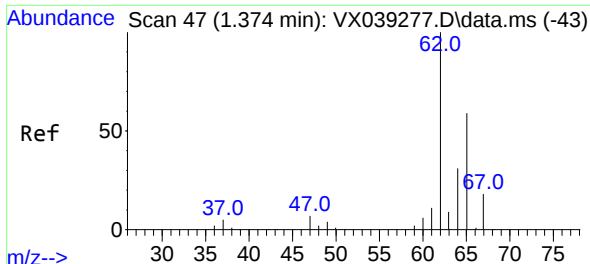
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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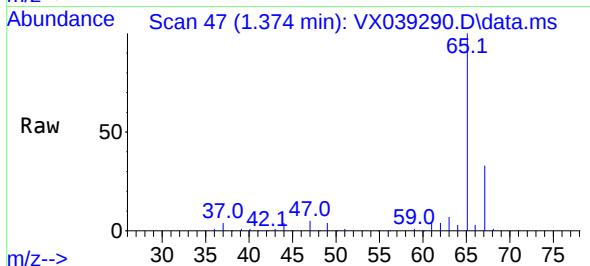
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
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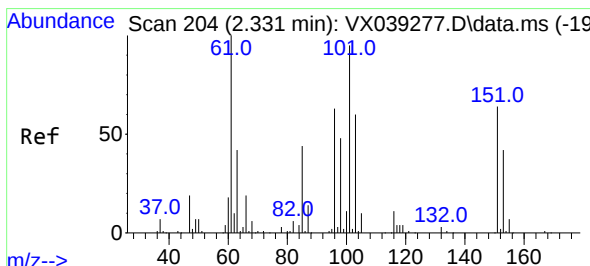
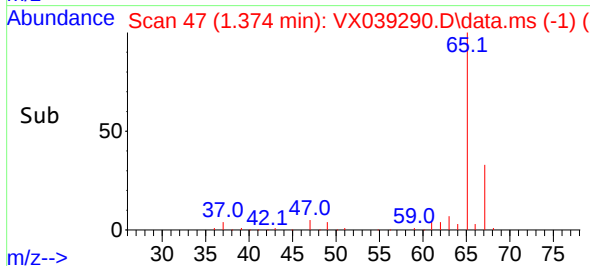
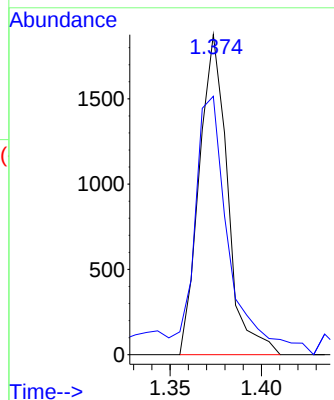


#5
Vinyl chloride
Concen: 1.163 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

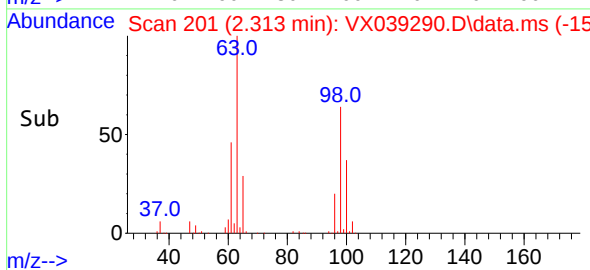
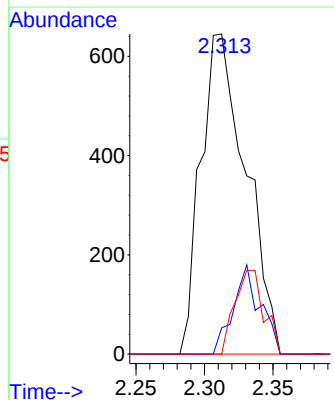
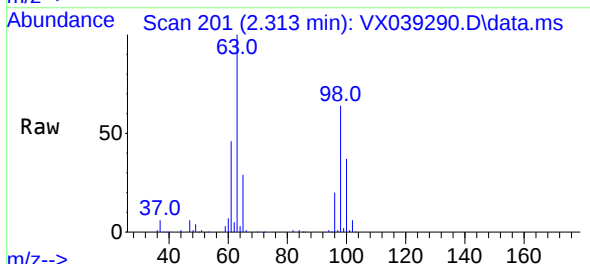


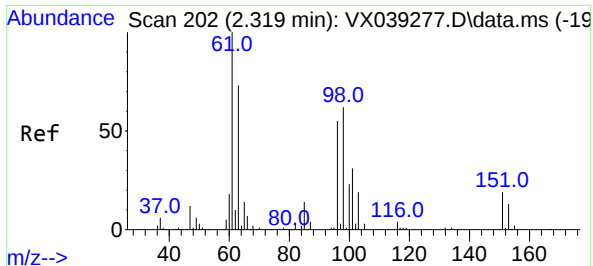
Tgt Ion: 62 Resp: 2032
Ion Ratio Lower Upper
62 100
64 80.8 22.3 41.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.013 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.018 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

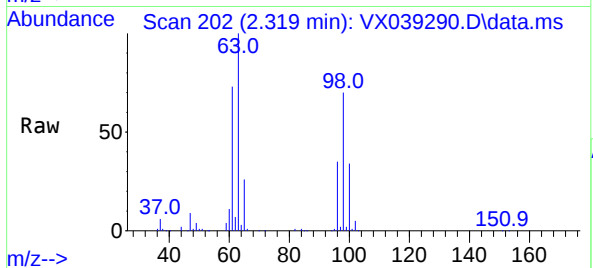
Tgt Ion: 101 Resp: 1475
Ion Ratio Lower Upper
101 100
85 16.6 35.8 53.6#
151 16.9 55.4 83.2#



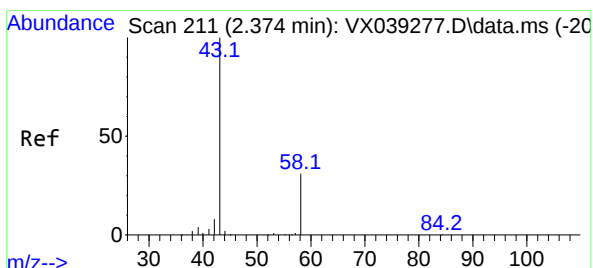
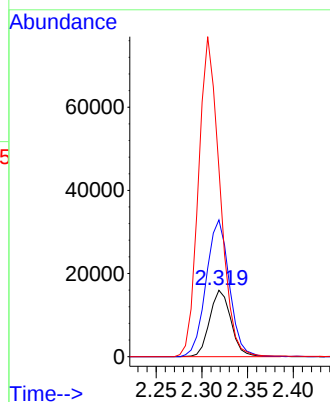
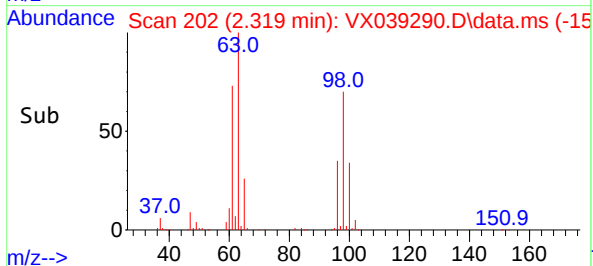


#12
1,1-Dichloroethene
Concen: 18.850 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

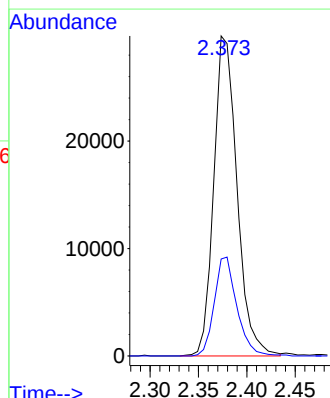
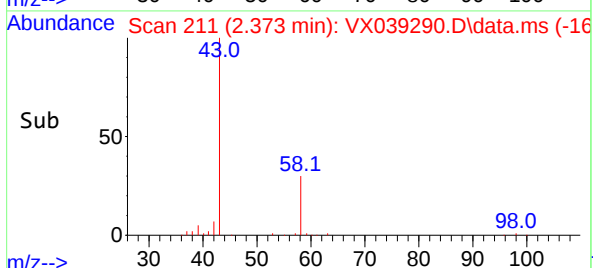
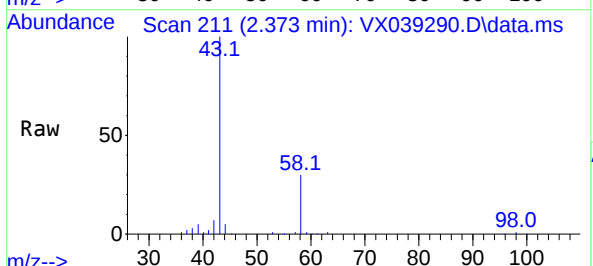


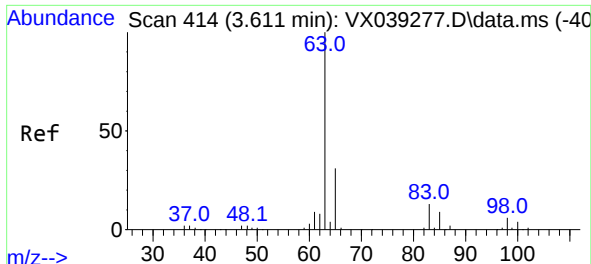
Tgt Ion: 96 Resp: 25828
Ion Ratio Lower Upper
96 100
61 206.2 128.0 237.6
63 283.7 101.5 188.5#



#13
Acetone
Concen: 34.368 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Tgt Ion: 43 Resp: 49859
Ion Ratio Lower Upper
43 100
58 30.0 0.0 65.8





#19

1,1-Dichloroethane

Concen: 2.305 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039290.D

Acq: 16 Dec 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

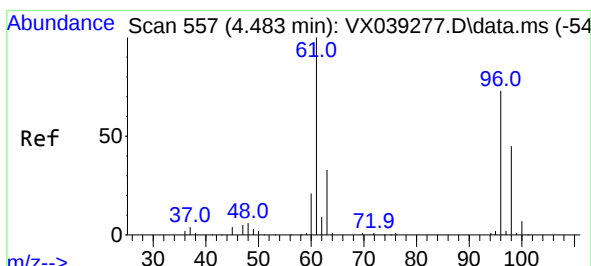
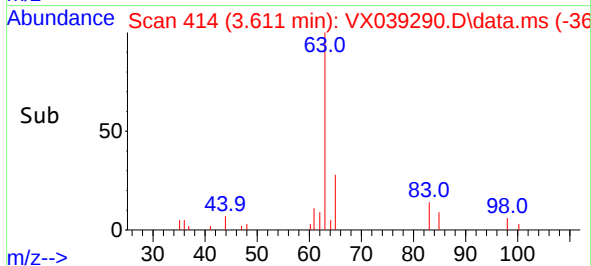
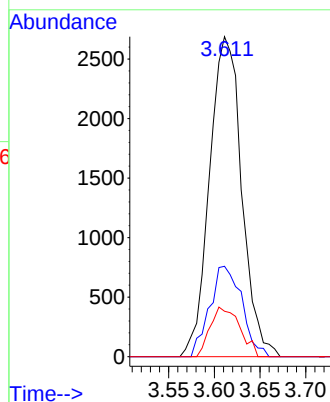
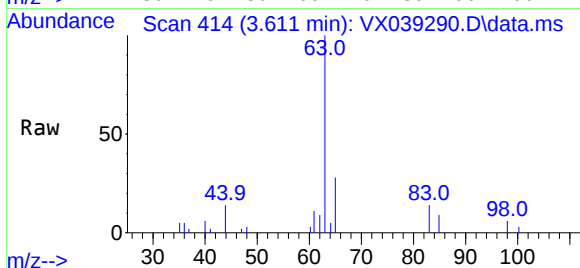
Tgt Ion: 63 Resp: 6579

Ion Ratio Lower Upper

63 100

65 28.2 21.1 39.3

83 14.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.925 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039290.D

Acq: 16 Dec 2023 15:07

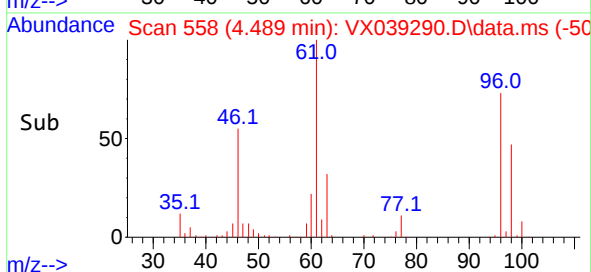
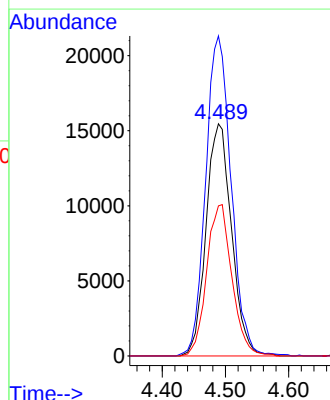
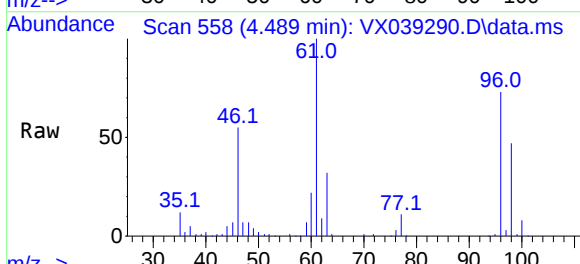
Tgt Ion: 96 Resp: 43413

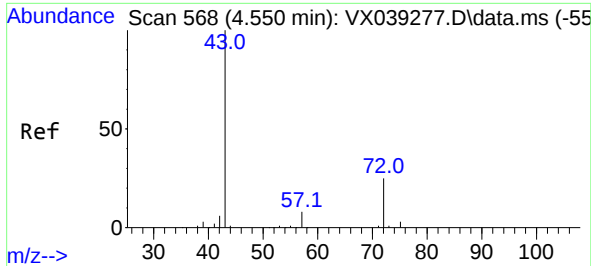
Ion Ratio Lower Upper

96 100

61 137.8 91.7 170.3

98 64.6 44.2 82.2

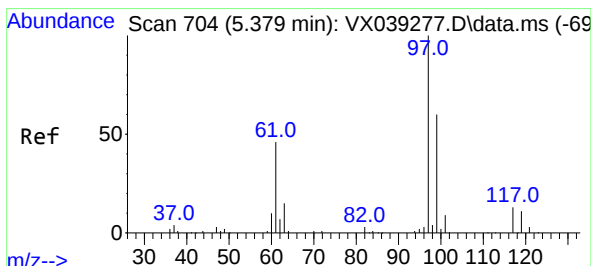
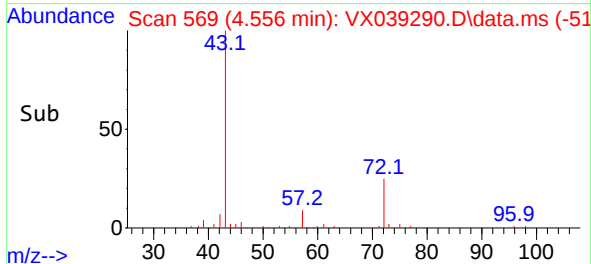
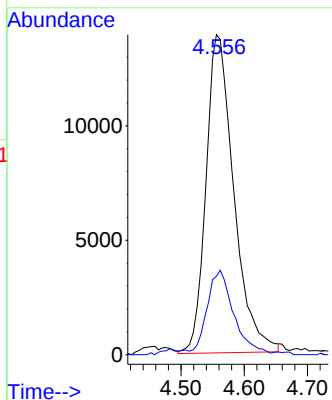
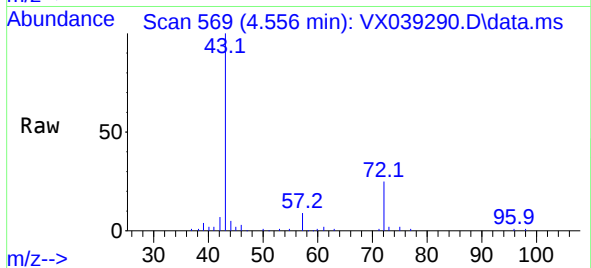




#22
2-Butanone
Concen: 23.898 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

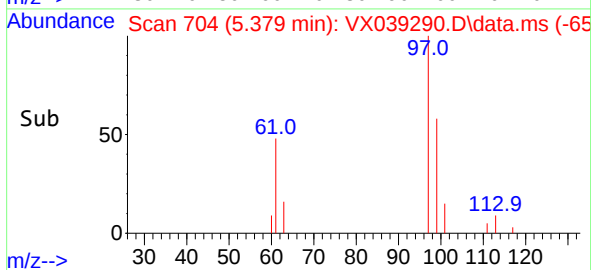
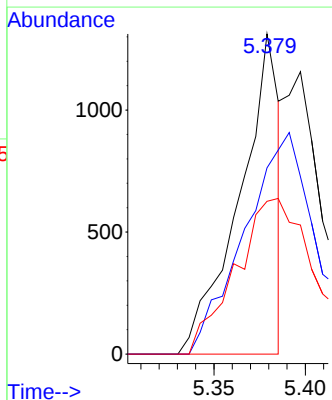
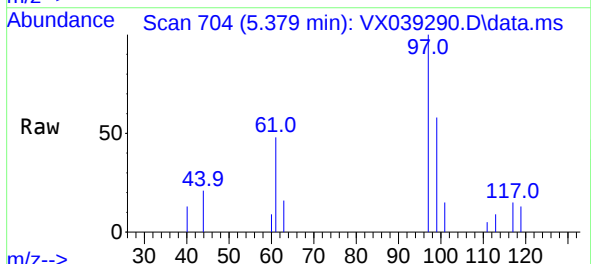
Instrument :
MSVOA_X
ClientSampleId :

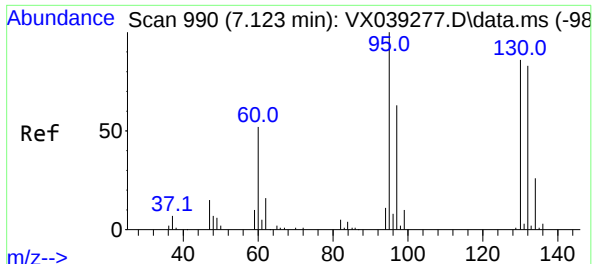
Tgt Ion: 43 Resp: 42549
Ion Ratio Lower Upper
43 100
72 25.3 12.6 37.6



#30
1,1,1-Trichloroethane
Concen: 0.827 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

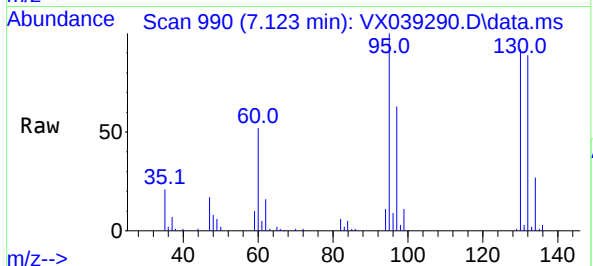
Tgt Ion: 97 Resp: 1990
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 0.0 36.7 55.1#



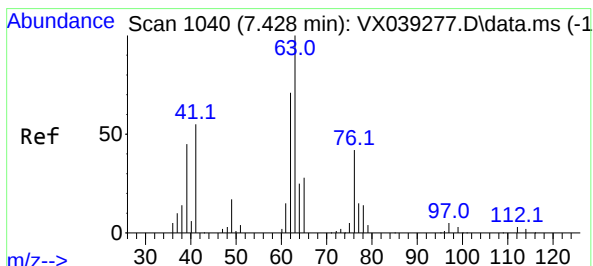
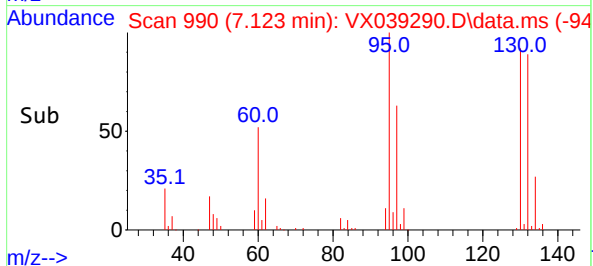
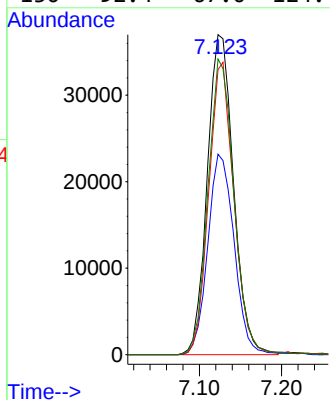


#34
Trichloroethene
Concen: 49.405 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

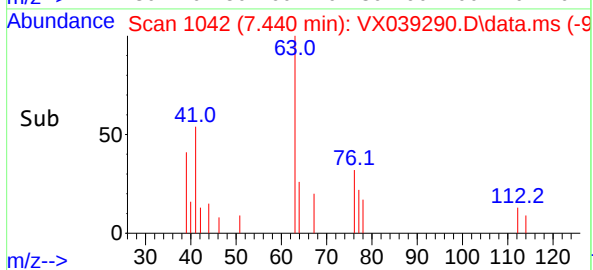
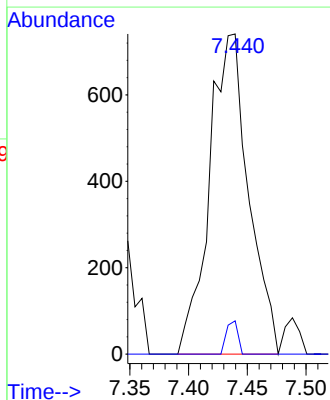
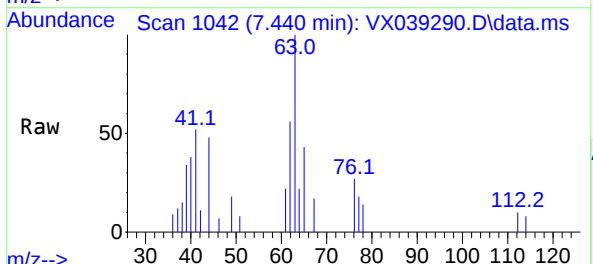


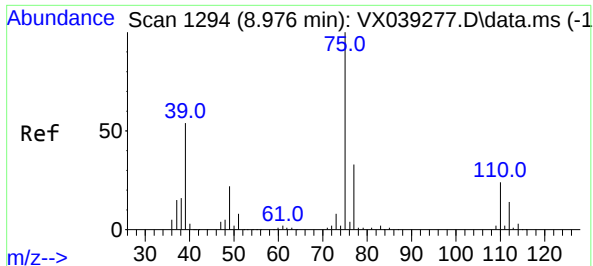
Tgt Ion: 95 Resp: 82280
Ion Ratio Lower Upper
95 100
97 62.7 45.5 84.5
132 89.1 62.2 115.4
130 92.4 67.0 124.4



#37
1,2-Dichloropropane
Concen: 0.986 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Tgt Ion: 63 Resp: 1724
Ion Ratio Lower Upper
63 100
112 3.1 2.8 4.2

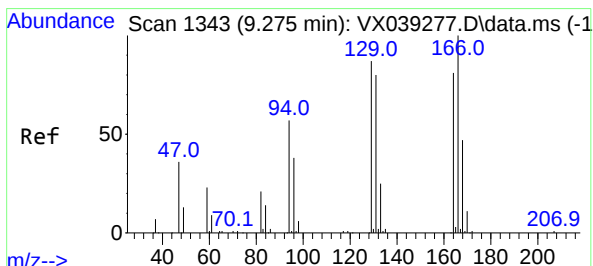
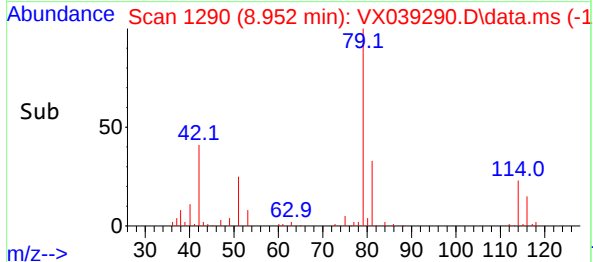
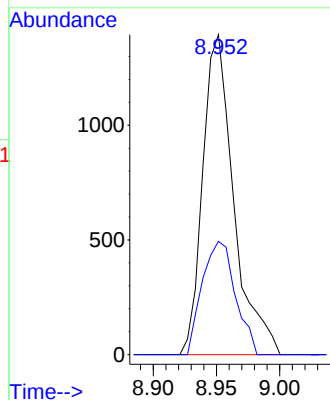
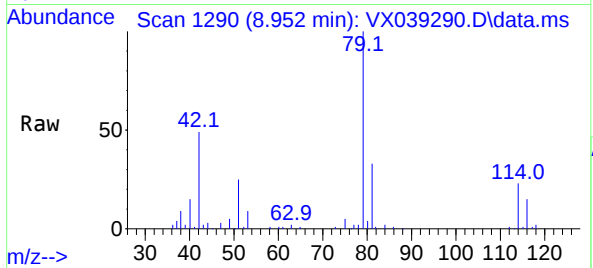




#44
trans-1,3-Dichloropropene
Concen: 0.920 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

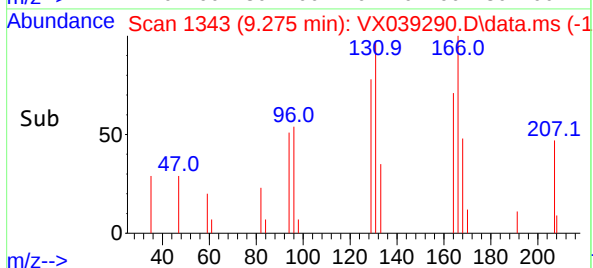
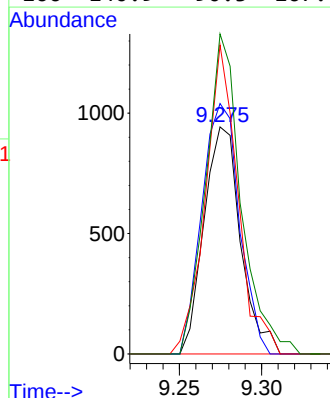
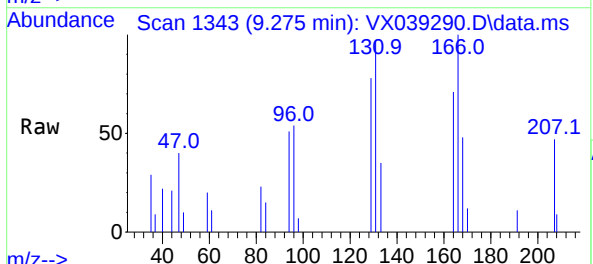
Instrument :
MSVOA_X
ClientSampleId :

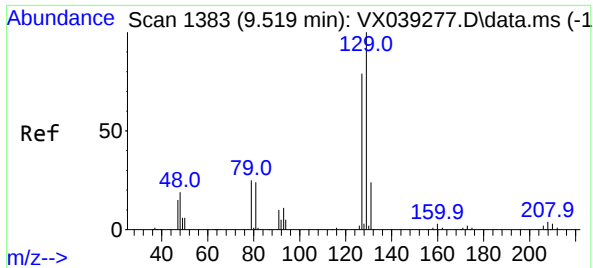
Tgt Ion: 75 Resp: 2381
Ion Ratio Lower Upper
75 100
77 35.4 22.0 40.8



#46
Tetrachloroethene
Concen: 1.331 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Tgt Ion:164 Resp: 1462
Ion Ratio Lower Upper
164 100
129 110.3 71.9 133.5
131 136.1 69.5 129.1#
166 140.9 90.3 167.7





#49
Dibromochloromethane
Concen: 1.060 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039290.D
Acq: 16 Dec 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 1654
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

