

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039240.D
 Acq On : 15 Dec 2023 19:53
 Operator : JC/MD
 Sample : 05844-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:52:53 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)

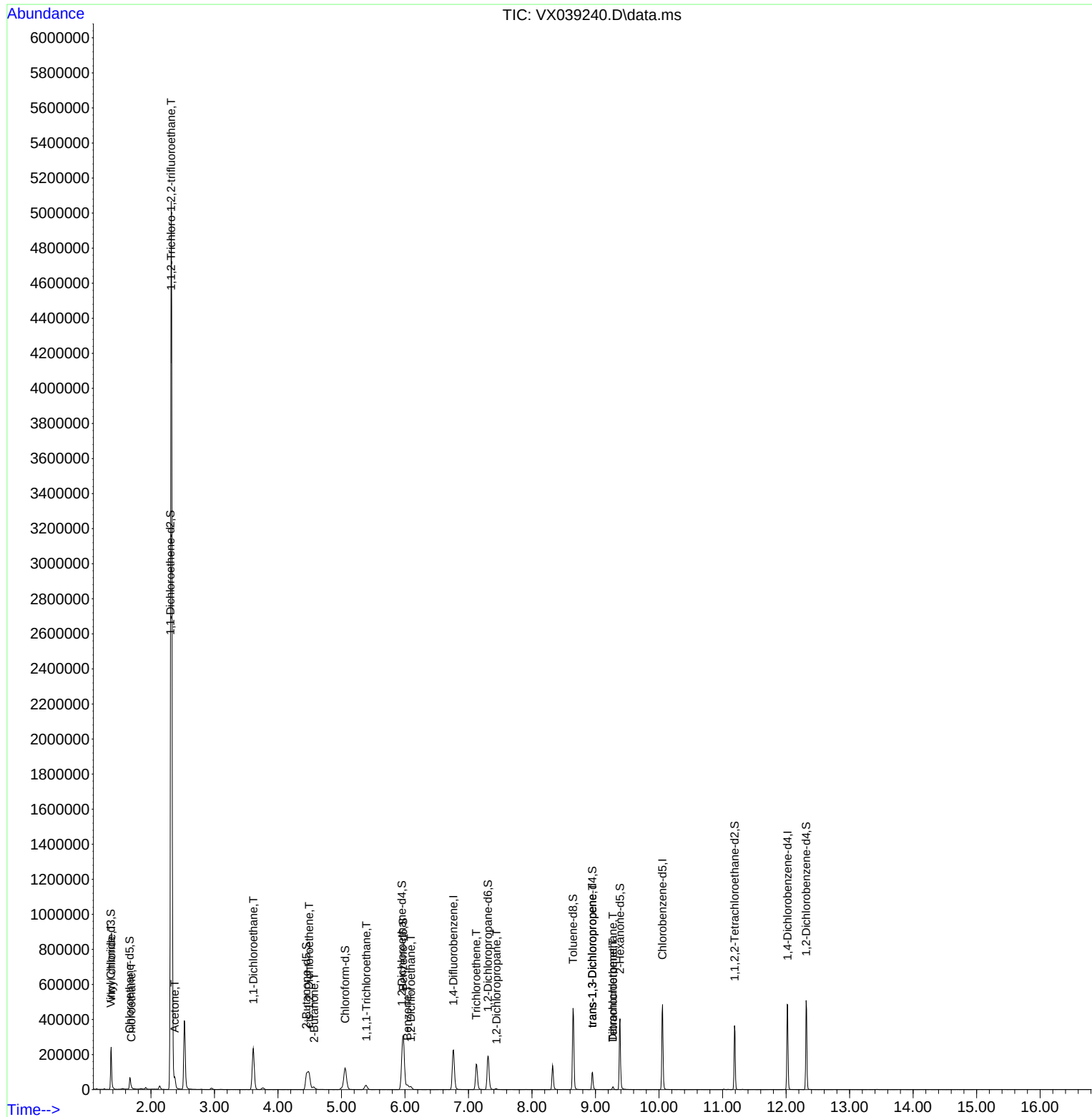
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	222448	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	66399	38.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.120%		
7) Chloroethane-d5	1.666	69	51889	40.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.480%		
11) 1,1-Dichloroethene-d2	2.306	65	34111	44.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.080%		
21) 2-Butanone-d5	4.446	46	155650	98.553	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.550%		
24) Chloroform-d	5.056	84	152226	49.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.580%		
26) 1,2-Dichloroethane-d4	5.952	65	105964	52.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.940%		
32) Benzene-d6	5.970	84	299597	47.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
36) 1,2-Dichloropropane-d6	7.305	67	97974	48.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.380%		
41) Toluene-d8	8.646	98	268606	46.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.840%		
43) trans-1,3-Dichloroprop...	8.951	79	47061	45.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.980%		
47) 2-Hexanone-d5	9.384	63	111478	91.810	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.810%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142201	49.308	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.620%		
66) 1,2-Dichlorobenzene-d4	12.316	152	92654	52.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.080%		
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	103999	56.909	ug/L	99
8) Chloroethane	1.690	64	2358	2.282	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	6298	4.134	ug/L #	50
13) Acetone	2.373	43	55279	36.434	ug/L	97
19) 1,1-Dichloroethane	3.611	63	258214	86.489	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	47863	27.330	ug/L	95
22) 2-Butanone	4.568	43	24749	13.291	ug/L	96
27) 1,2-Dichloroethane	6.092	62	18166	7.729	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	22778	9.172	ug/L	98
33) Benzene	6.037	78	28512	4.383	ug/L	100
34) Trichloroethene	7.122	95	57354	33.364	ug/L	98
37) 1,2-Dichloropropane	7.439	63	2242	1.243	ug/L #	89
44) trans-1,3-Dichloropropene	8.951	75	2406	0.901	ug/L	98
46) Tetrachloroethene	9.274	164	2546	2.245	ug/L	90
49) Dibromochloromethane	9.274	129	2721	1.689	ug/L #	10

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

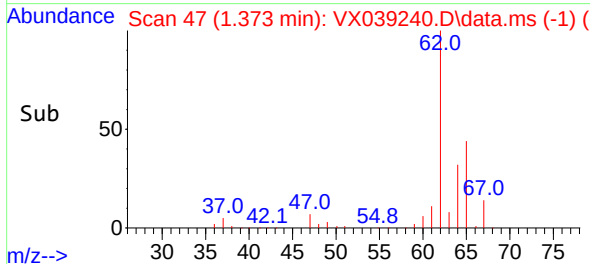
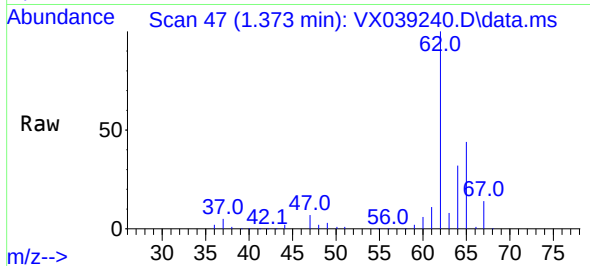
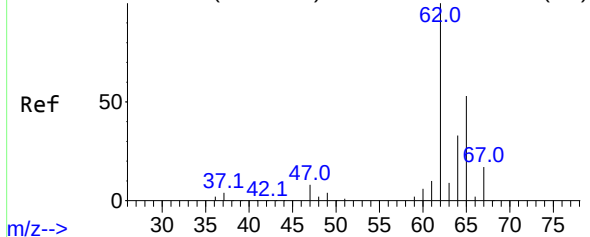
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039240.D
Acq On : 15 Dec 2023 19:53
Operator : JC/MD
Sample : 05844-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 01:52:53 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



Abundance Scan 47 (1.374 min): VX039231.D\data.ms (-43)



#5

Vinyl chloride

Concen: 56.909 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.001 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

Instrument :

MSVOA_X

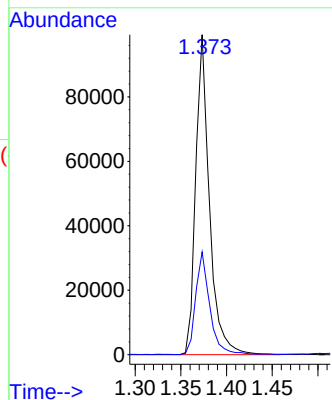
ClientSampleId :

Tgt Ion: 62 Resp: 103999

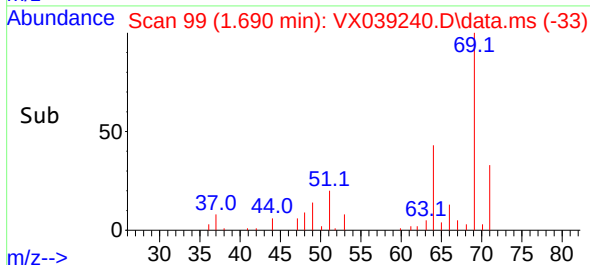
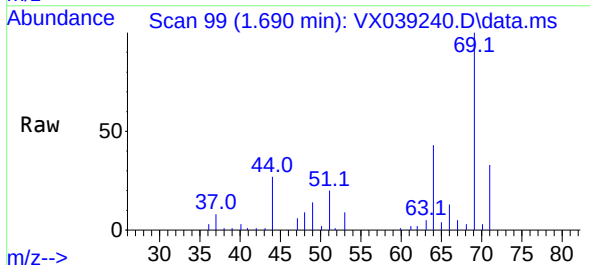
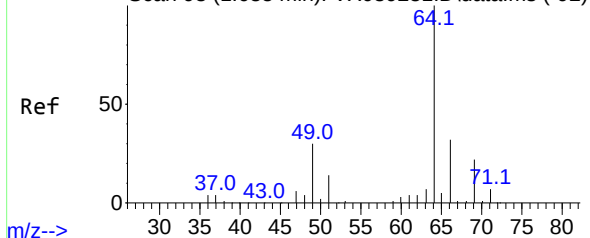
Ion Ratio Lower Upper

62 100

64 32.1 22.3 41.3



Abundance Scan 98 (1.685 min): VX039231.D\data.ms (-92)



#8

Chloroethane

Concen: 2.282 ug/L

RT: 1.690 min Scan# 99

Delta R.T. -0.001 min

Lab File: VX039240.D

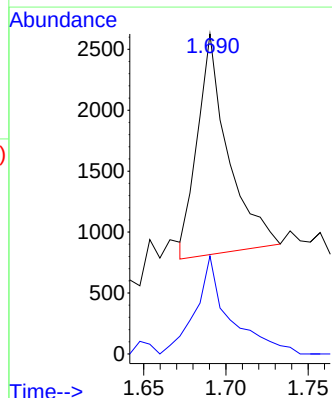
Acq: 15 Dec 2023 19:53

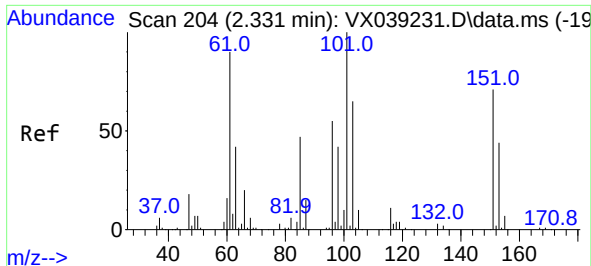
Tgt Ion: 64 Resp: 2358

Ion Ratio Lower Upper

64 100

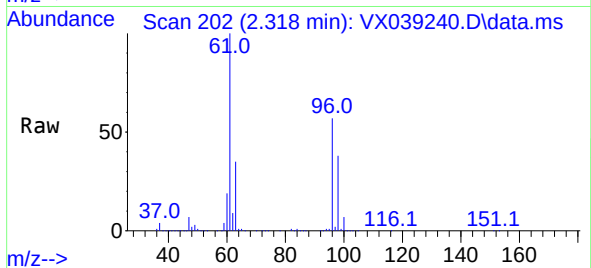
66 30.6 23.4 43.6



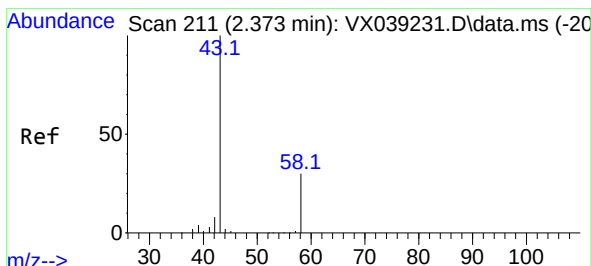
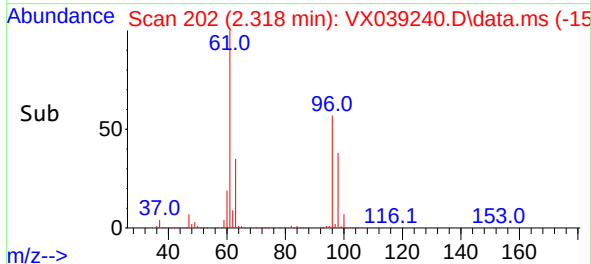
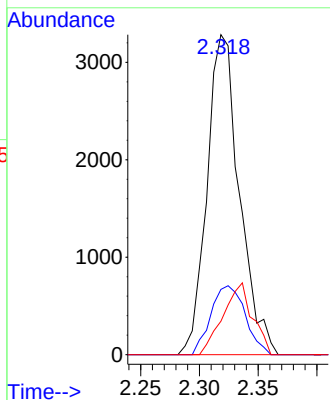


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.134 ug/L
RT: 2.318 min Scan# 204
Delta R.T. -0.013 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :

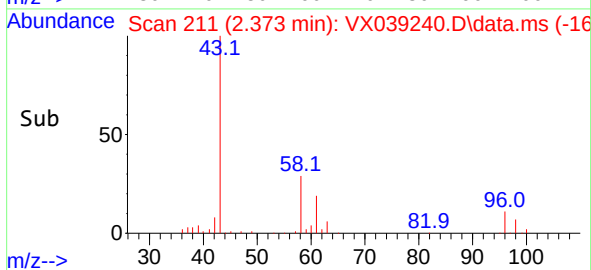
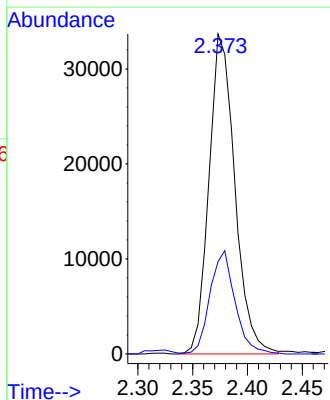
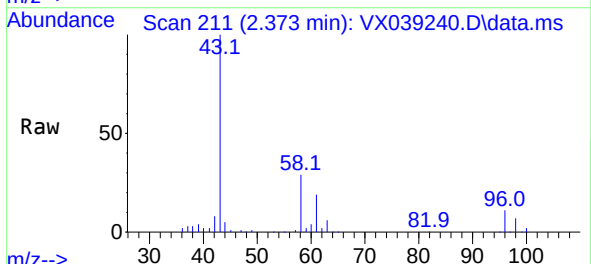


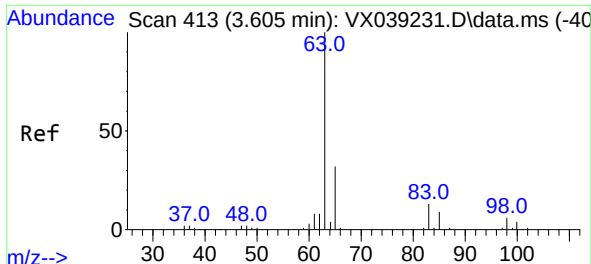
Tgt Ion:101 Resp: 6298
Ion Ratio Lower Upper
101 100
85 22.9 35.8 53.6#
151 20.4 55.4 83.2#



#13
Acetone
Concen: 36.434 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Tgt Ion: 43 Resp: 55279
Ion Ratio Lower Upper
43 100
58 31.2 0.0 65.8





#19

1,1-Dichloroethane

Concen: 86.489 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

Instrument :

MSVOA_X

ClientSampleId :

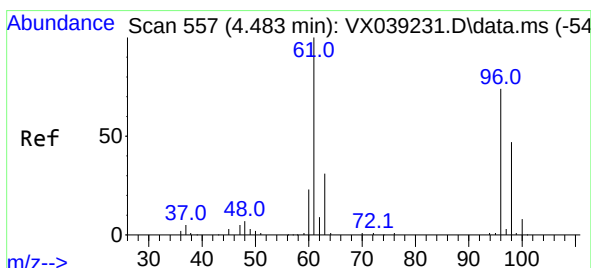
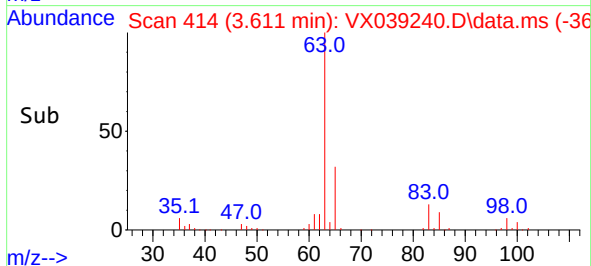
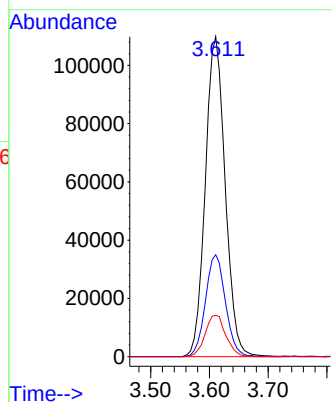
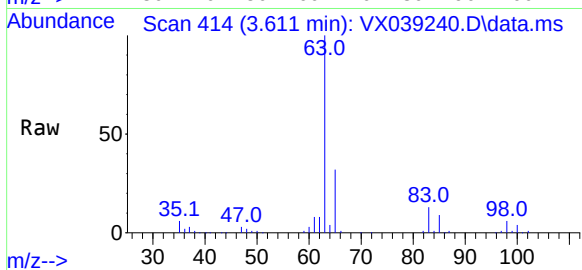
Tgt Ion: 63 Resp: 258214

Ion Ratio Lower Upper

63 100

65 31.9 21.1 39.3

83 12.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 27.330 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039240.D

Acq: 15 Dec 2023 19:53

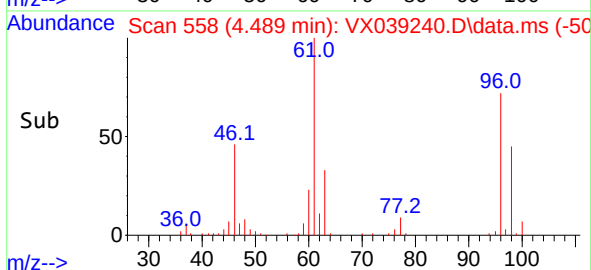
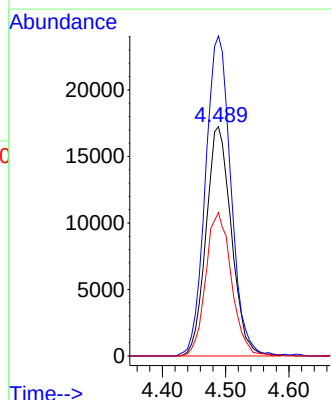
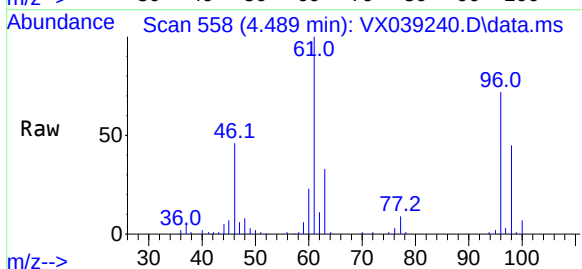
Tgt Ion: 96 Resp: 47863

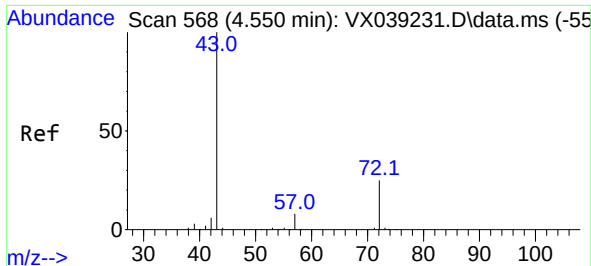
Ion Ratio Lower Upper

96 100

61 139.6 91.7 170.3

98 62.5 44.2 82.2

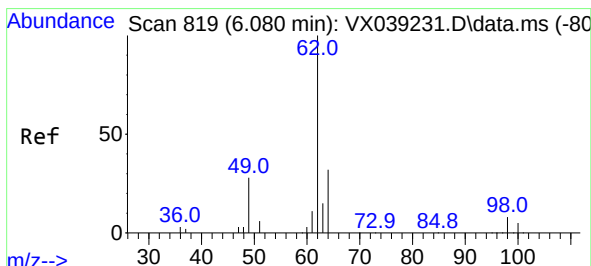
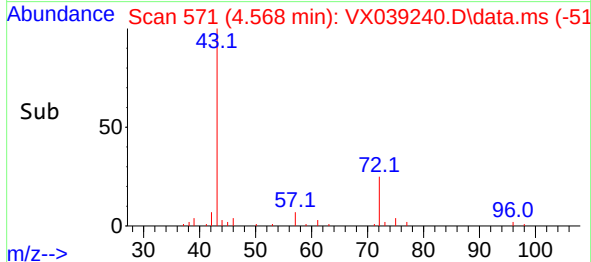
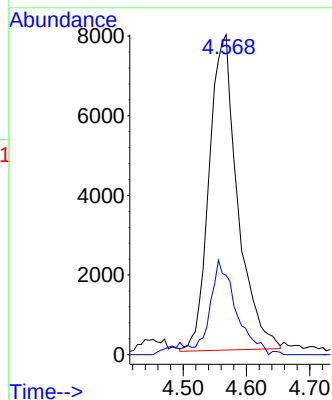
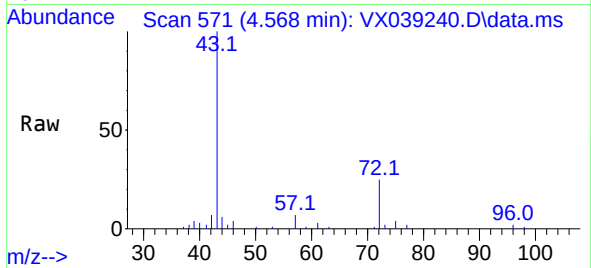




#22
2-Butanone
Concen: 13.291 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

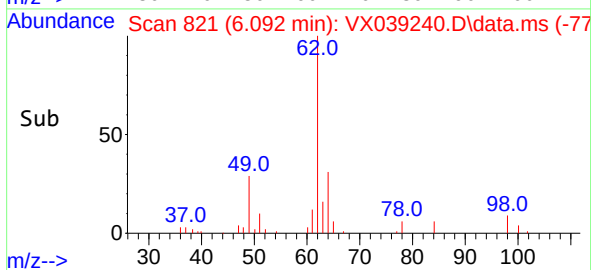
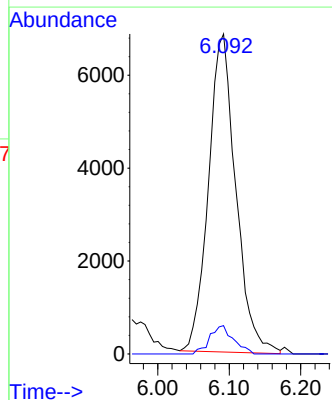
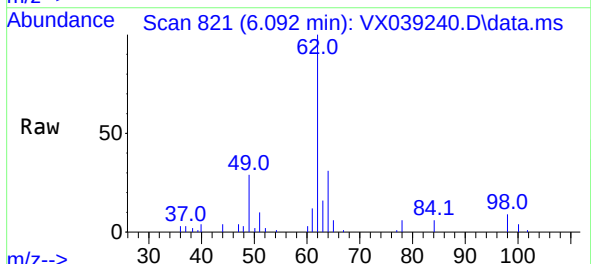
Instrument :
MSVOA_X
ClientSampleId :

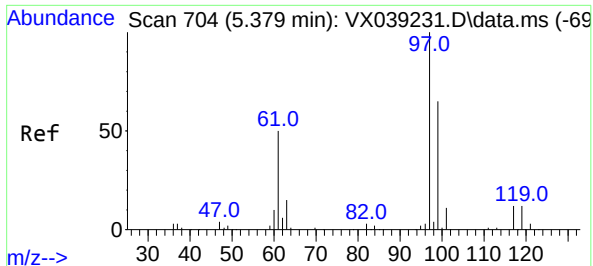
Tgt Ion: 43 Resp: 24749
Ion Ratio Lower Upper
43 100
72 27.0 12.6 37.6



#27
1,2-Dichloroethane
Concen: 7.729 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Tgt Ion: 62 Resp: 18166
Ion Ratio Lower Upper
62 100
98 8.9 8.0 12.0

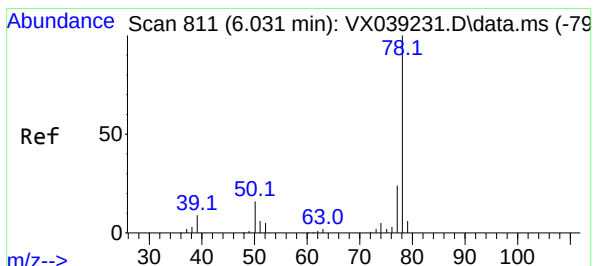
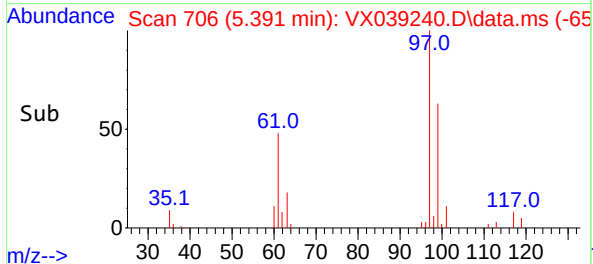
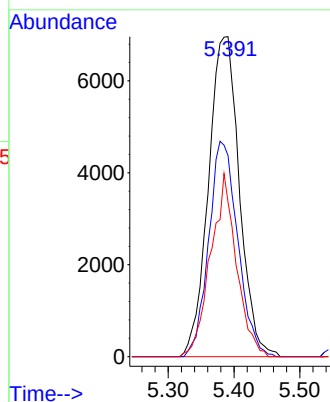
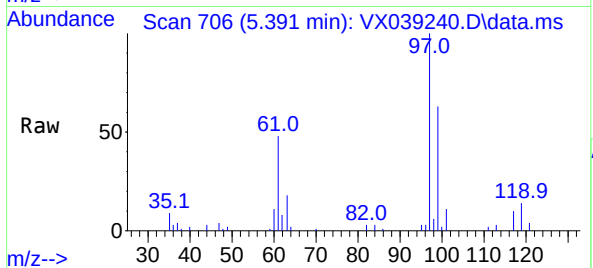




#30
1,1,1-Trichloroethane
Concen: 9.172 ug/L
RT: 5.391 min Scan# 704
Delta R.T. 0.018 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

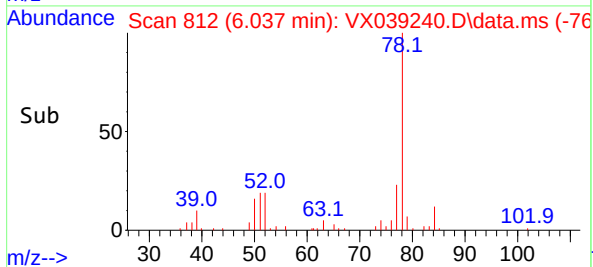
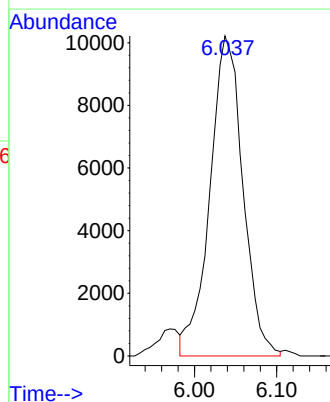
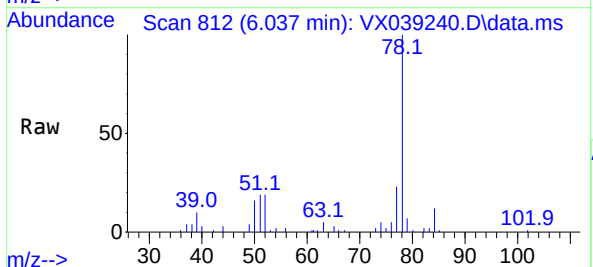
Instrument :
MSVOA_X
ClientSampleId :

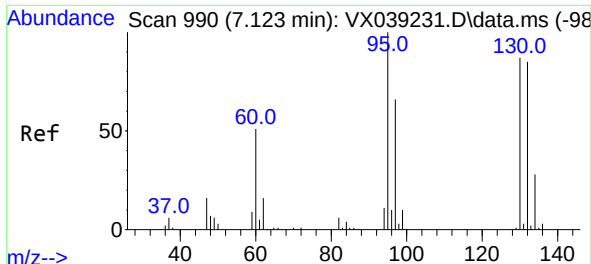
Tgt Ion: 97 Resp: 22778
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 47.7 36.7 55.1



#33
Benzene
Concen: 4.383 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

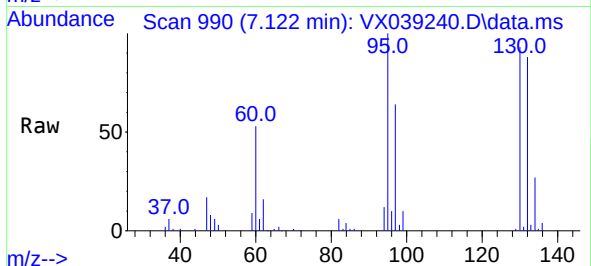
Tgt Ion: 78 Resp: 28512





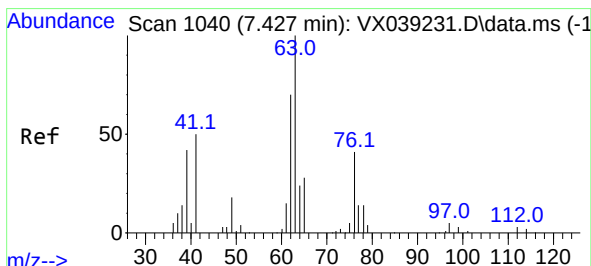
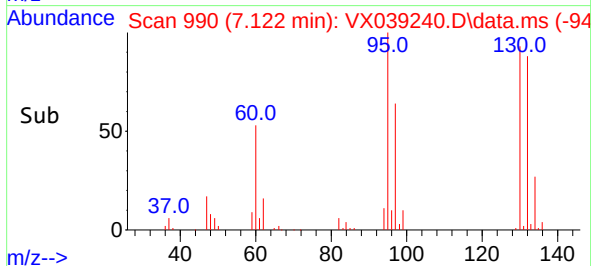
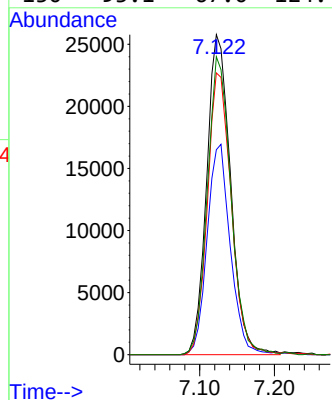
#34
 Trichloroethene
 Concen: 33.364 ug/L
 RT: 7.122 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX039240.D
 Acq: 15 Dec 2023 19:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 95 Resp: 57354

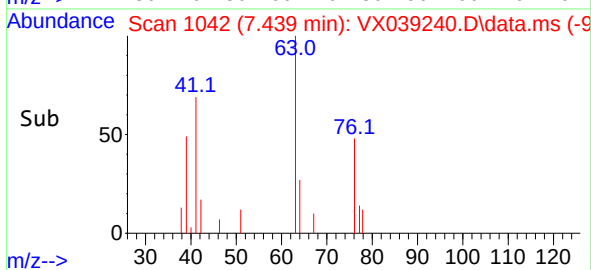
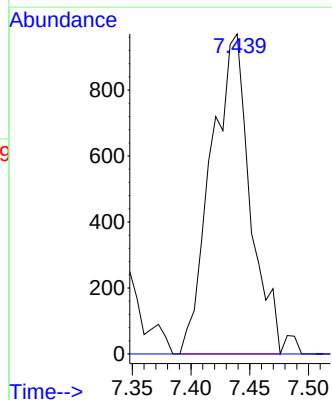
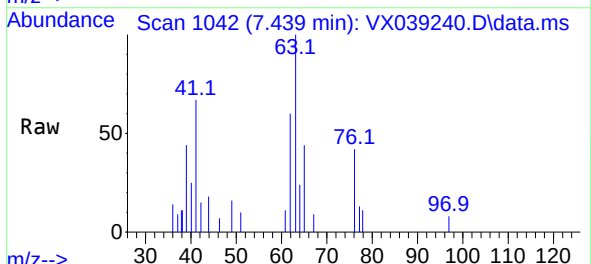
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.5	84.5
132	88.1	62.2	115.4
130	93.1	67.0	124.4

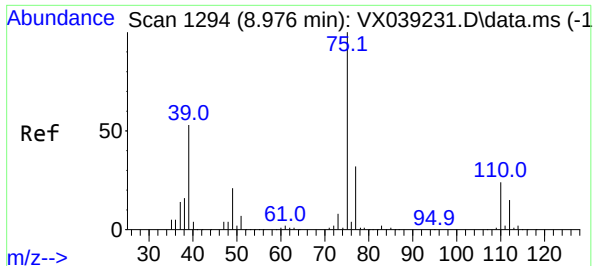


#37
 1,2-Dichloropropane
 Concen: 1.243 ug/L
 RT: 7.439 min Scan# 1042
 Delta R.T. 0.012 min
 Lab File: VX039240.D
 Acq: 15 Dec 2023 19:53

Tgt Ion: 63 Resp: 2242

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

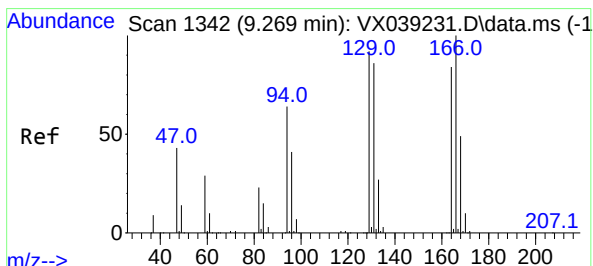
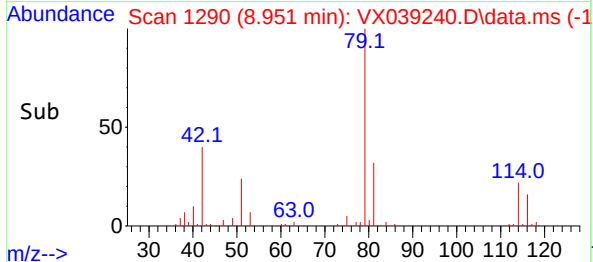
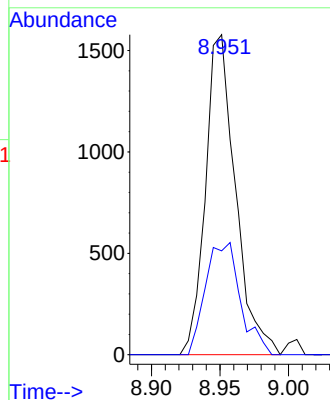
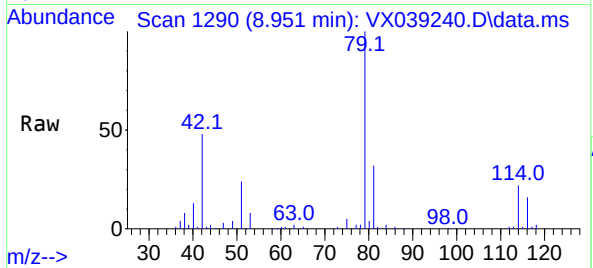




#44
trans-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

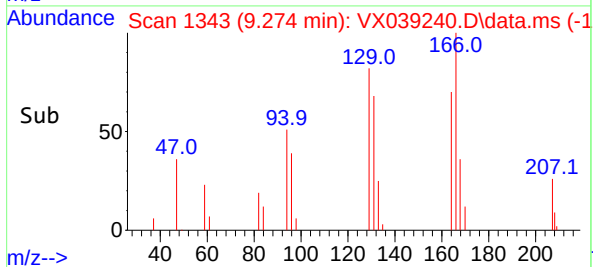
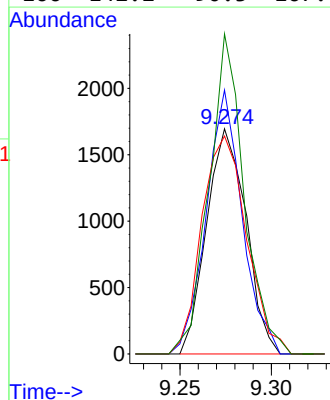
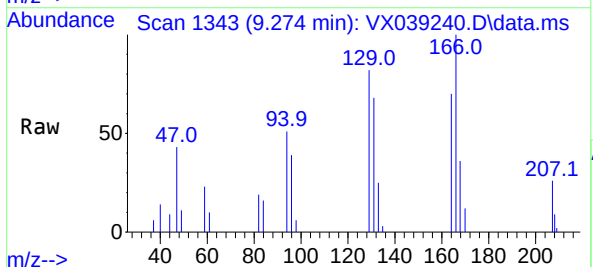
Instrument :
MSVOA_X
ClientSampleId :

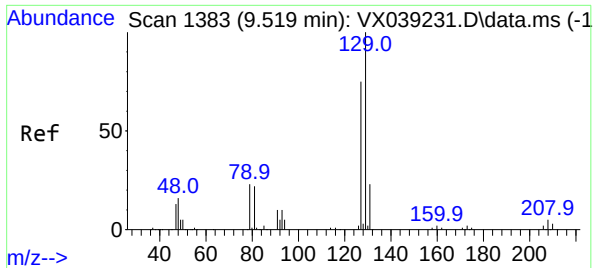
Tgt Ion: 75 Resp: 2406
Ion Ratio Lower Upper
75 100
77 32.4 22.0 40.8



#46
Tetrachloroethene
Concen: 2.245 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Tgt Ion:164 Resp: 2546
Ion Ratio Lower Upper
164 100
129 117.2 71.9 133.5
131 96.8 69.5 129.1
166 142.2 90.3 167.7





#49
Dibromochloromethane
Concen: 1.689 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039240.D
Acq: 15 Dec 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 2721
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

