

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035143.D
 Acq On : 18 Apr 2023 23:24
 Operator : JC/MD
 Sample : 02397-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML9

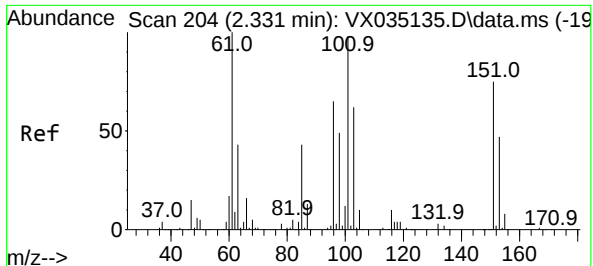
Quant Time: Apr 19 01:38:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	483750	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	424398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206071	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	171159	54.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.740%	
7) Chloroethane-d5	1.672	69	132256	58.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.360%	
11) 1,1-Dichloroethene-d2	2.306	65	79631	53.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.700%	
21) 2-Butanone-d5	4.458	46	232448	111.827	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.830%	
24) Chloroform-d	5.056	84	313494	53.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.740%	
26) 1,2-Dichloroethane-d4	5.952	65	207928	55.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.240%	
32) Benzene-d6	5.970	84	675705	55.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.860%	
36) 1,2-Dichloropropane-d6	7.305	67	207615	55.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.500%	
41) Toluene-d8	8.646	98	610857	54.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.640%	
43) trans-1,3-Dichloroprop...	8.951	79	87741	53.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.820%	
47) 2-Hexanone-d5	9.384	63	170844	114.241	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.240%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	251882	55.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.460%	
66) 1,2-Dichlorobenzene-d4	12.323	152	218531	54.723	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.440%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	2356	0.744	ug/L #	19
12) 1,1-Dichloroethene	2.312	96	2016	0.698	ug/L #	1
25) Chloroform	5.086	83	18190	3.127	ug/L	96
31) Carbon tetrachloride	5.678	117	7550	1.789	ug/L	99
33) Benzene	6.037	78	290185	22.578	ug/L	100
37) 1,2-Dichloropropane	7.305	63	23376	6.908	ug/L #	86
39) cis-1,3-Dichloropropene	8.323	75	5796	1.146	ug/L #	80
44) trans-1,3-Dichloropropene	8.951	75	3675	0.806	ug/L	86
51) Chlorobenzene	10.079	112	1843336	209.829	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	611344	95.662	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	1451079	221.899	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	1795919	277.154	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.920	75	1613	1.718	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.585	180	557876	141.206	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	555810	150.244	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	200958	55.026	ug/L	99

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

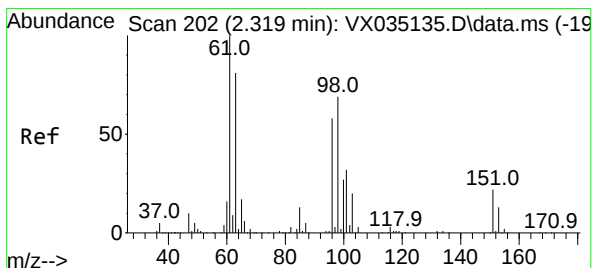
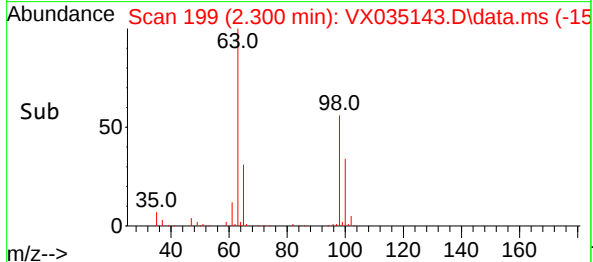
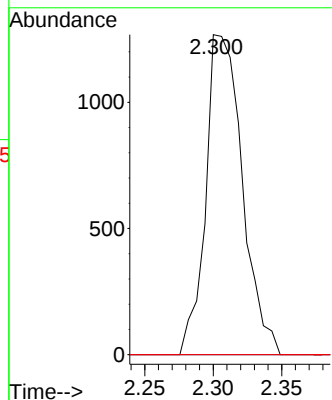
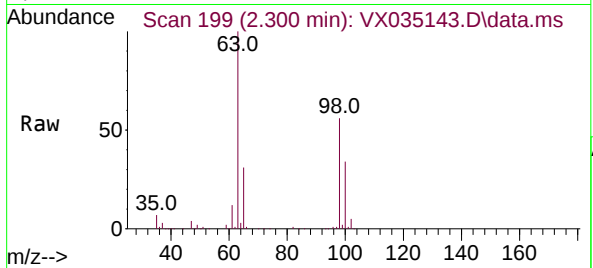
Instrument :
MSVOA_X
ClientSampleId :
C0ML9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.744 ug/L
 RT: 2.300 min Scan# 19
 Delta R.T. -0.031 min
 Lab File: VX035143.D
 Acq: 18 Apr 2023 23:24

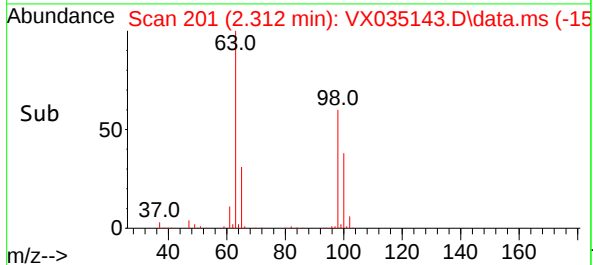
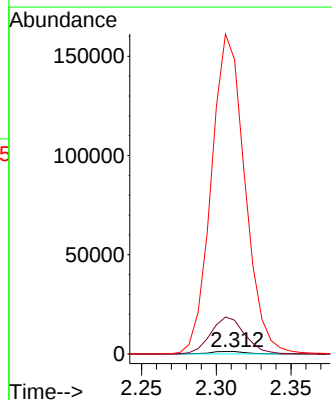
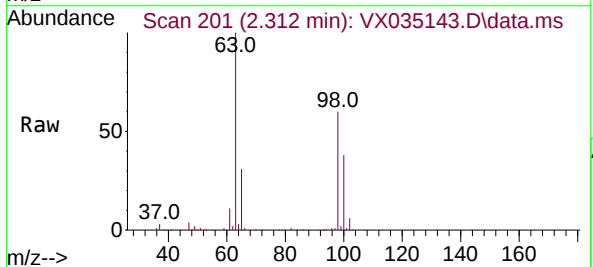
Instrument :
 MSVOA_X
 ClientSampleId :
 COML9

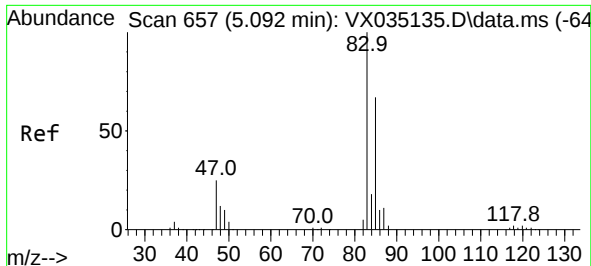
Tgt Ion:101 Resp: 2356
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.2#
 151 0.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.698 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX035143.D
 Acq: 18 Apr 2023 23:24

Tgt Ion: 96 Resp: 2016
 Ion Ratio Lower Upper
 96 100
 61 1385.7 119.0 221.0#
 63 12075.6 91.0 169.0#





#25

Chloroform

Concen: 3.127 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX035143.D

Acq: 18 Apr 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

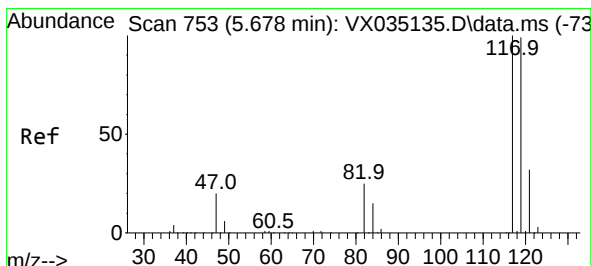
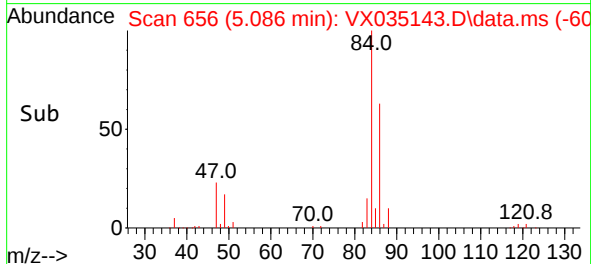
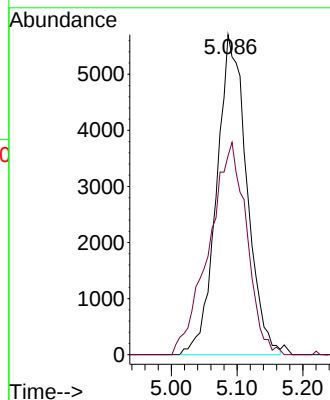
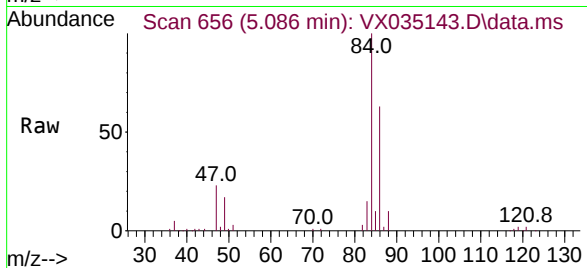
COML9

Tgt Ion: 83 Resp: 18190

Ion Ratio Lower Upper

83 100

85 62.1 46.0 85.4



#31

Carbon tetrachloride

Concen: 1.789 ug/L

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035143.D

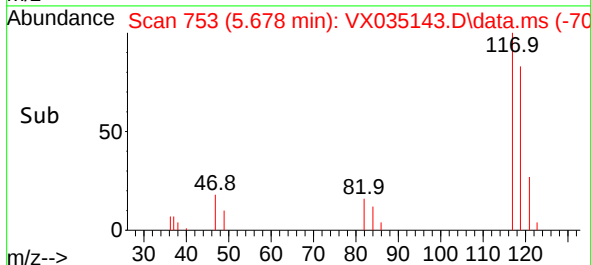
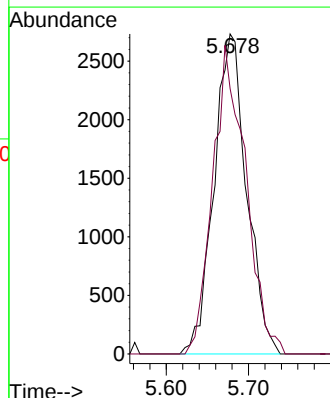
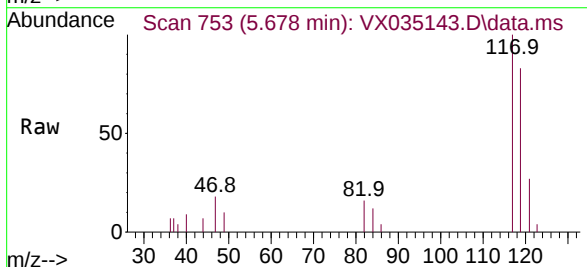
Acq: 18 Apr 2023 23:24

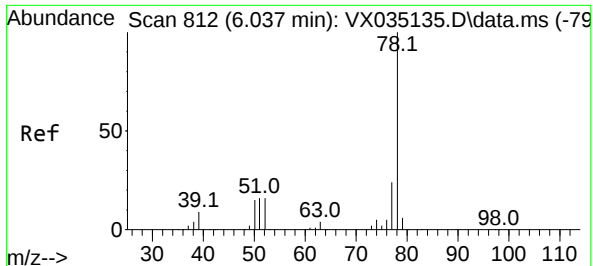
Tgt Ion: 117 Resp: 7550

Ion Ratio Lower Upper

117 100

119 97.4 77.1 115.7

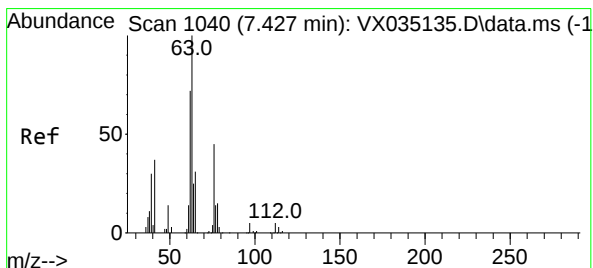
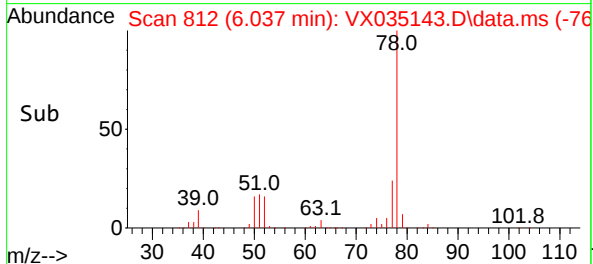
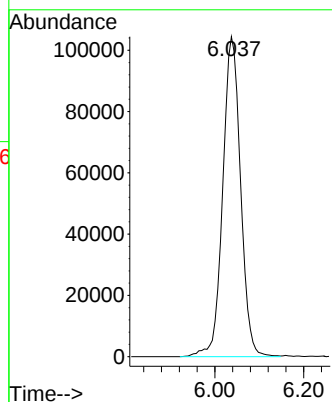
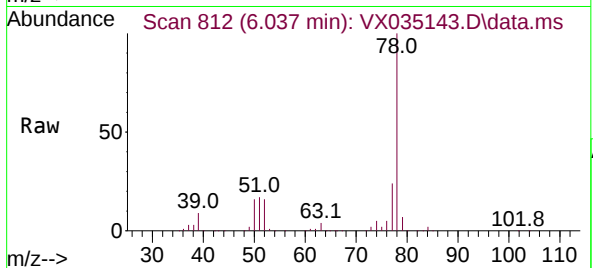




#33
Benzene
Concen: 22.578 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

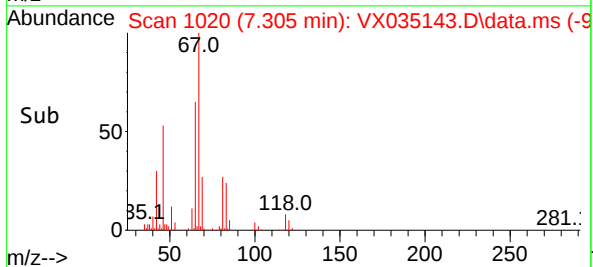
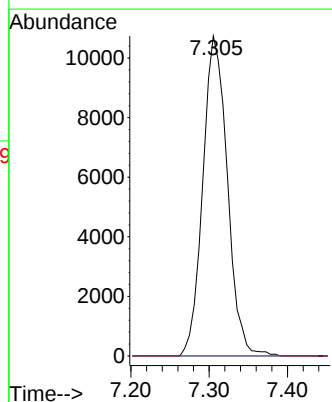
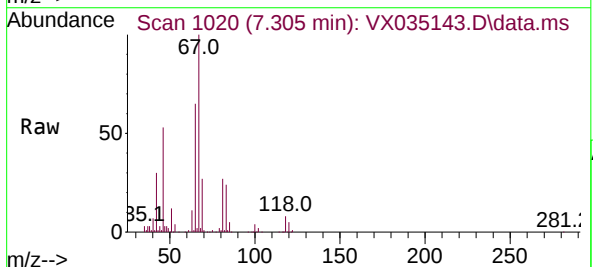
Instrument :
MSVOA_X
ClientSampleId :
COML9

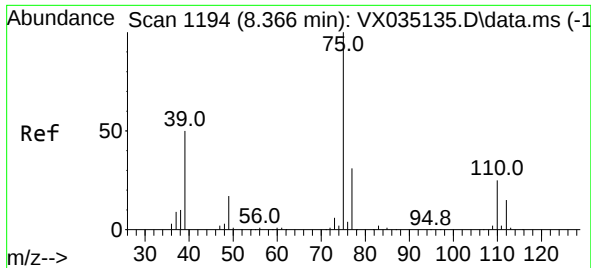
Tgt Ion: 78 Resp: 290185



#37
1,2-Dichloropropane
Concen: 6.908 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Tgt Ion: 63 Resp: 23376
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

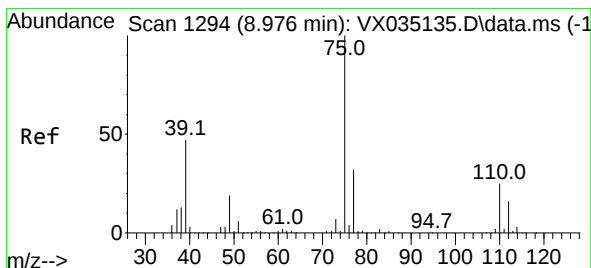
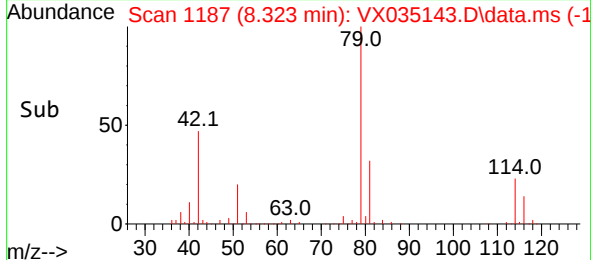
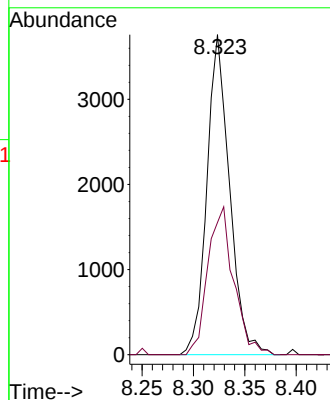
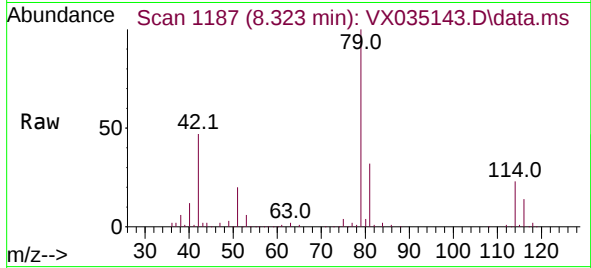




#39
 cis-1,3-Dichloropropene
 Concen: 1.146 ug/L
 RT: 8.323 min Scan# 1194
 Delta R.T. -0.043 min
 Lab File: VX035143.D
 Acq: 18 Apr 2023 23:24

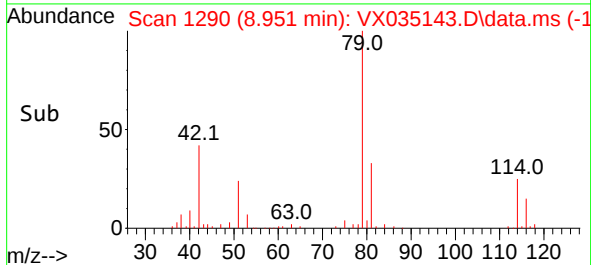
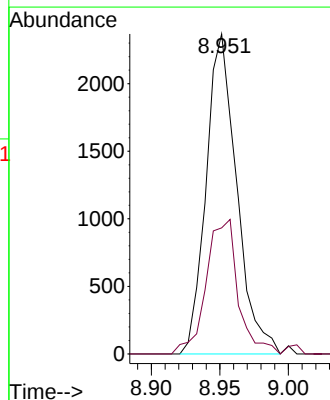
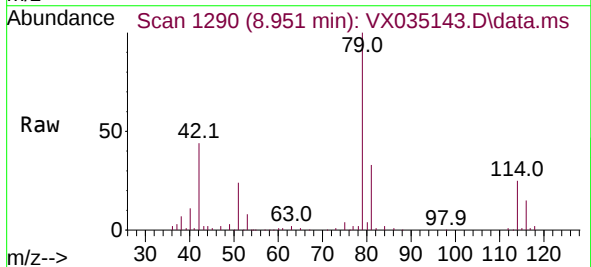
Instrument :
 MSVOA_X
 ClientSampleId :
 COML9

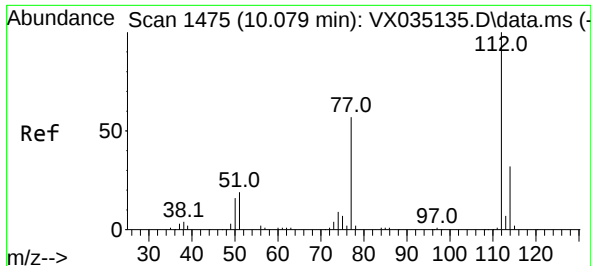
Tgt Ion: 75 Resp: 5796
 Ion Ratio Lower Upper
 75 100
 77 41.3 21.4 39.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.806 ug/L
 RT: 8.951 min Scan# 1290
 Delta R.T. -0.025 min
 Lab File: VX035143.D
 Acq: 18 Apr 2023 23:24

Tgt Ion: 75 Resp: 3675
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.0 40.8

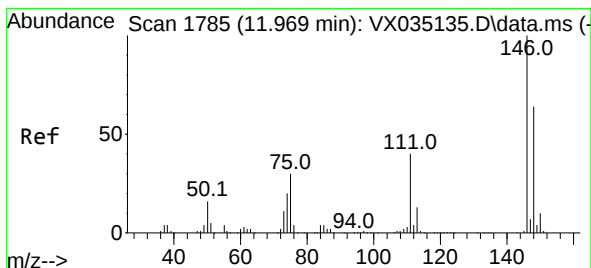
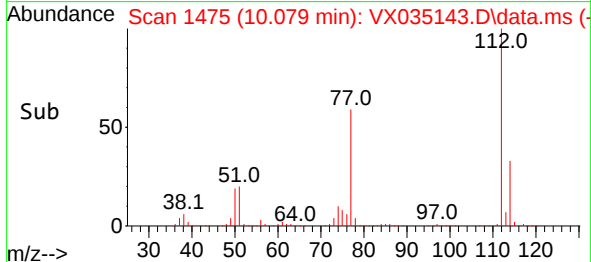
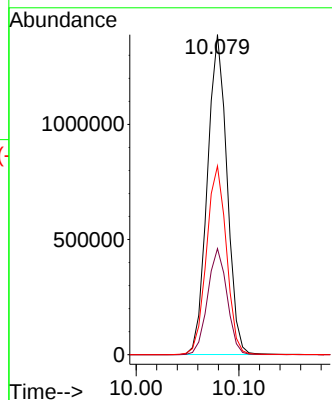
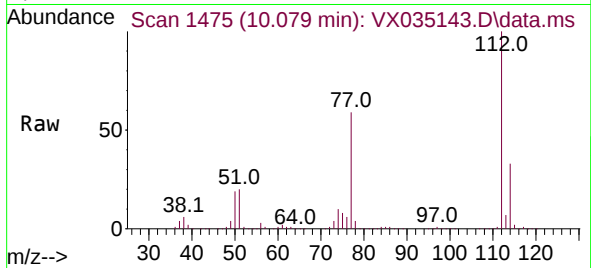




#51
Chlorobenzene
Concen: 209.829 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

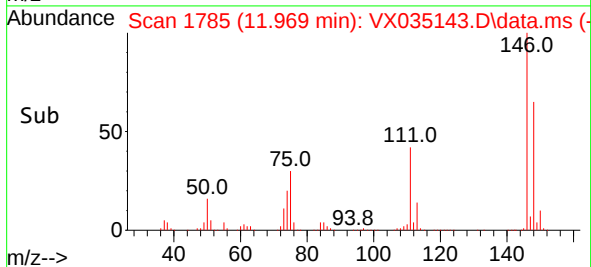
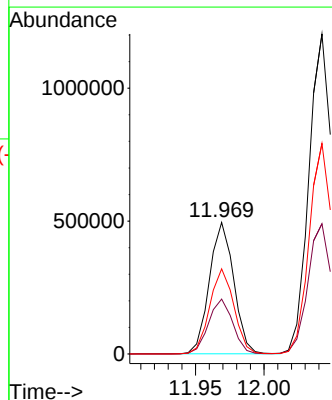
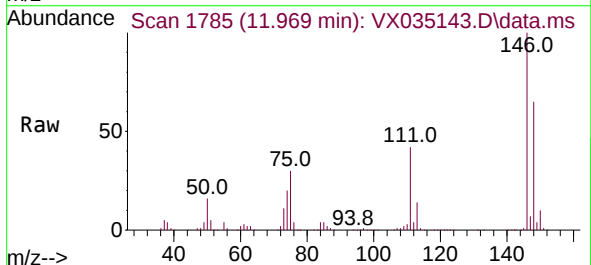
Instrument :
MSVOA_X
ClientSampleId :
COML9

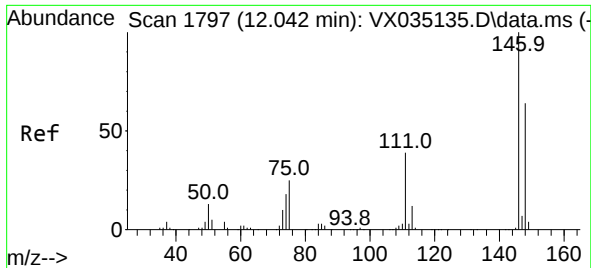
Tgt Ion:112 Resp: 1843336
Ion Ratio Lower Upper
112 100
114 33.2 22.4 41.6
77 59.0 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 95.662 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Tgt Ion:146 Resp: 611344
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.7 44.3 82.3

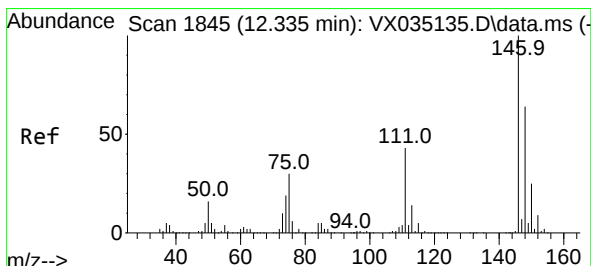
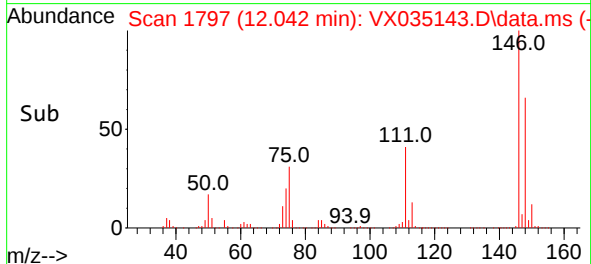
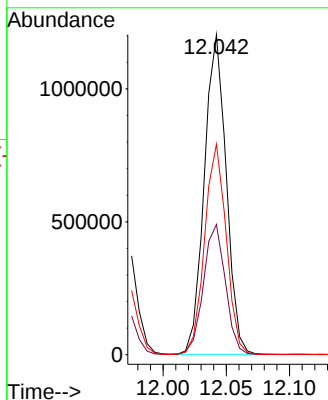
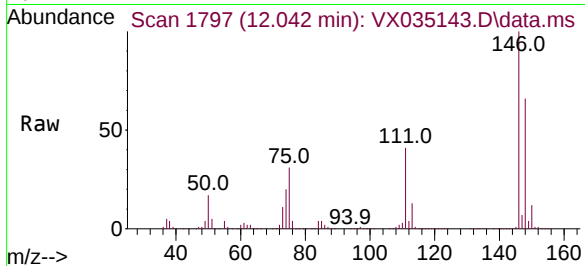




#65
1,4-Dichlorobenzene
Concen: 221.899 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

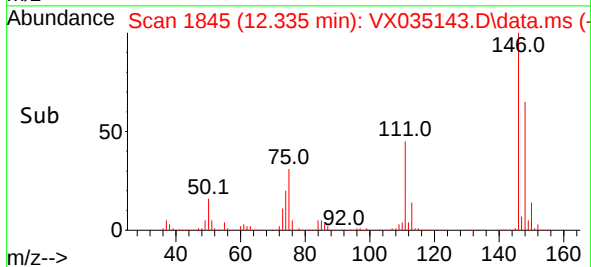
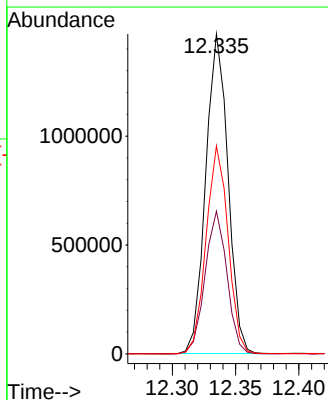
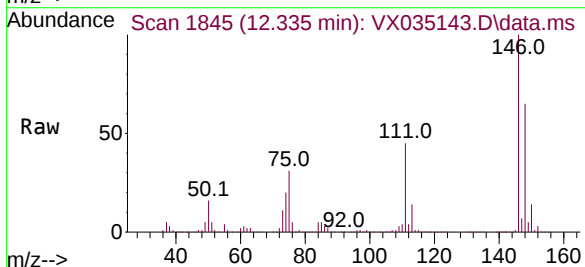
Instrument :
MSVOA_X
ClientSampleId :
COML9

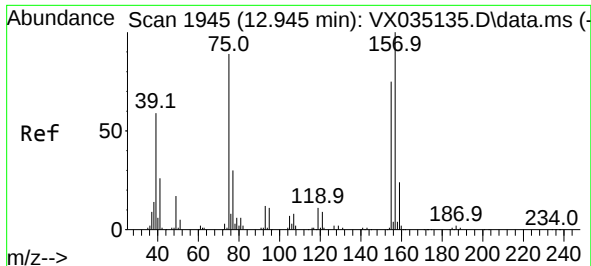
Tgt Ion:146 Resp: 1451079
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.7
148 65.8 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 277.154 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Tgt Ion:146 Resp: 1795919
Ion Ratio Lower Upper
146 100
111 44.6 34.7 52.1
148 65.0 52.1 78.1

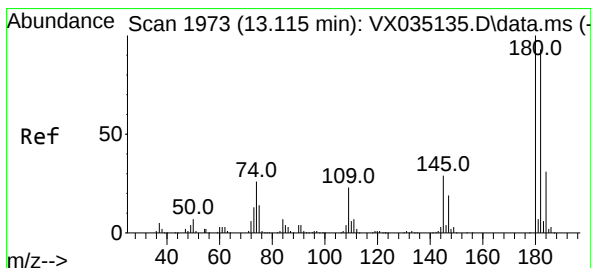
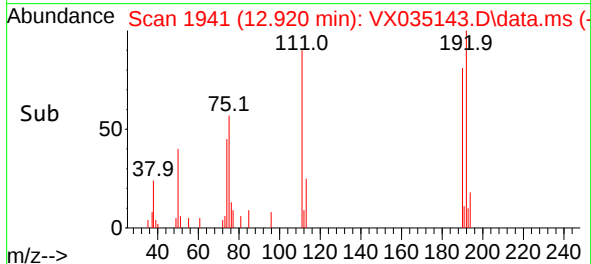
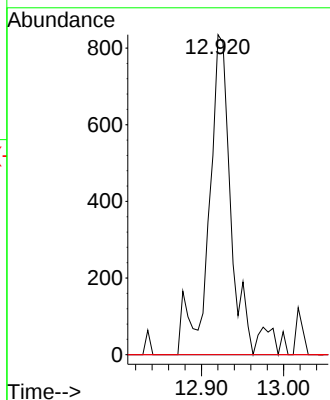
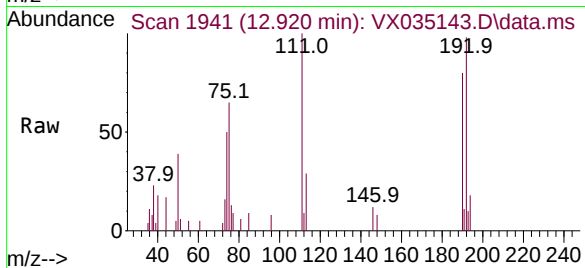




#68
1,2-Dibromo-3-chloropropane
Concen: 1.718 ug/L
RT: 12.920 min Scan# 1941
Delta R.T. -0.025 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

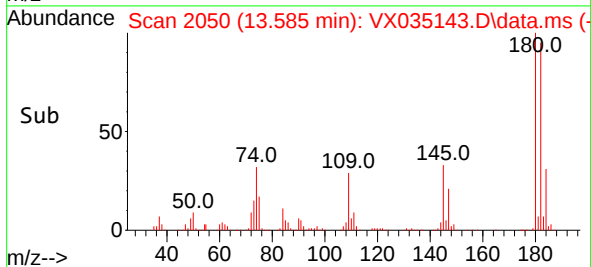
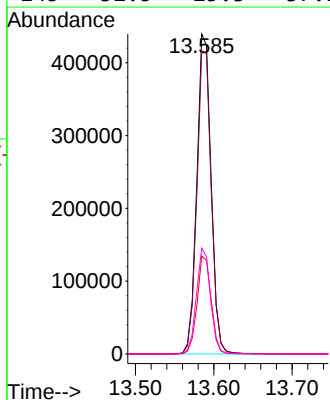
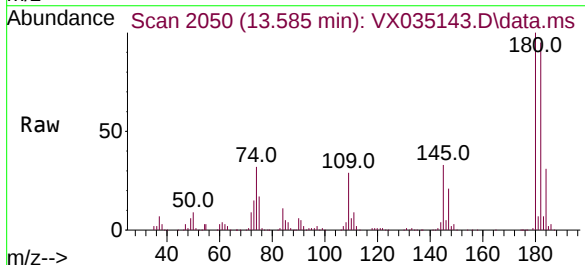
Instrument :
MSVOA_X
ClientSampleId :
COML9

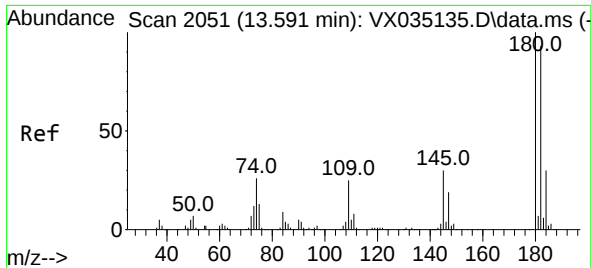
Tgt Ion: 75 Resp: 1613
Ion Ratio Lower Upper
75 100
155 0.0 69.9 104.9#
157 0.0 90.4 135.6#



#69
1,3,5-Trichlorobenzene
Concen: 141.206 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.469 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Tgt Ion: 180 Resp: 557876
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.0
184 30.1 23.8 35.8
145 32.5 25.3 37.9

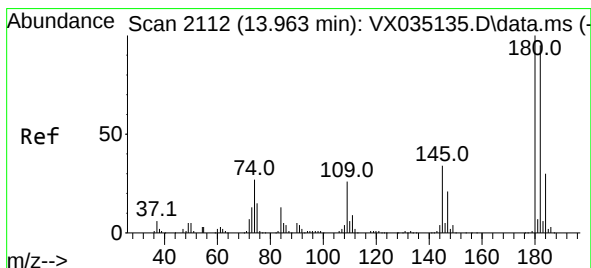
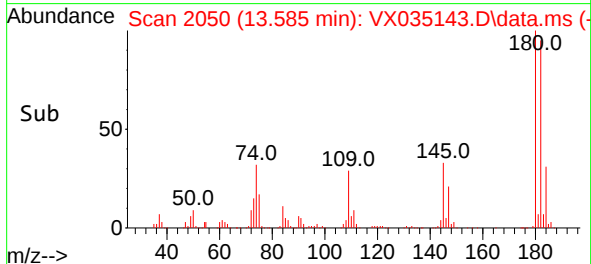
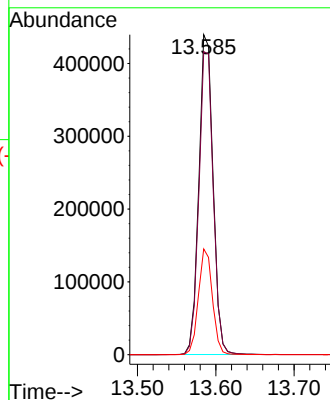
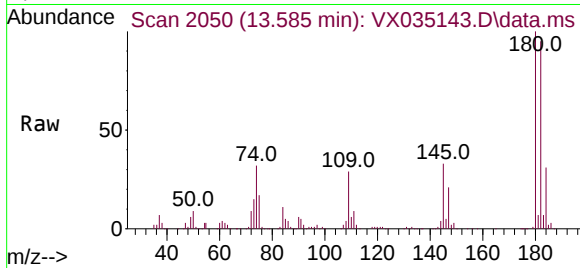




#70
1,2,4-trichlorobenzene
Concen: 150.244 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
COML9

Tgt Ion:180 Resp: 555810
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 32.6 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 55.026 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Tgt Ion:180 Resp: 200958
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 34.2 27.1 40.7

