

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035190.D
 Acq On : 19 Apr 2023 23:34
 Operator : JC/MD
 Sample : 02333-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:08:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

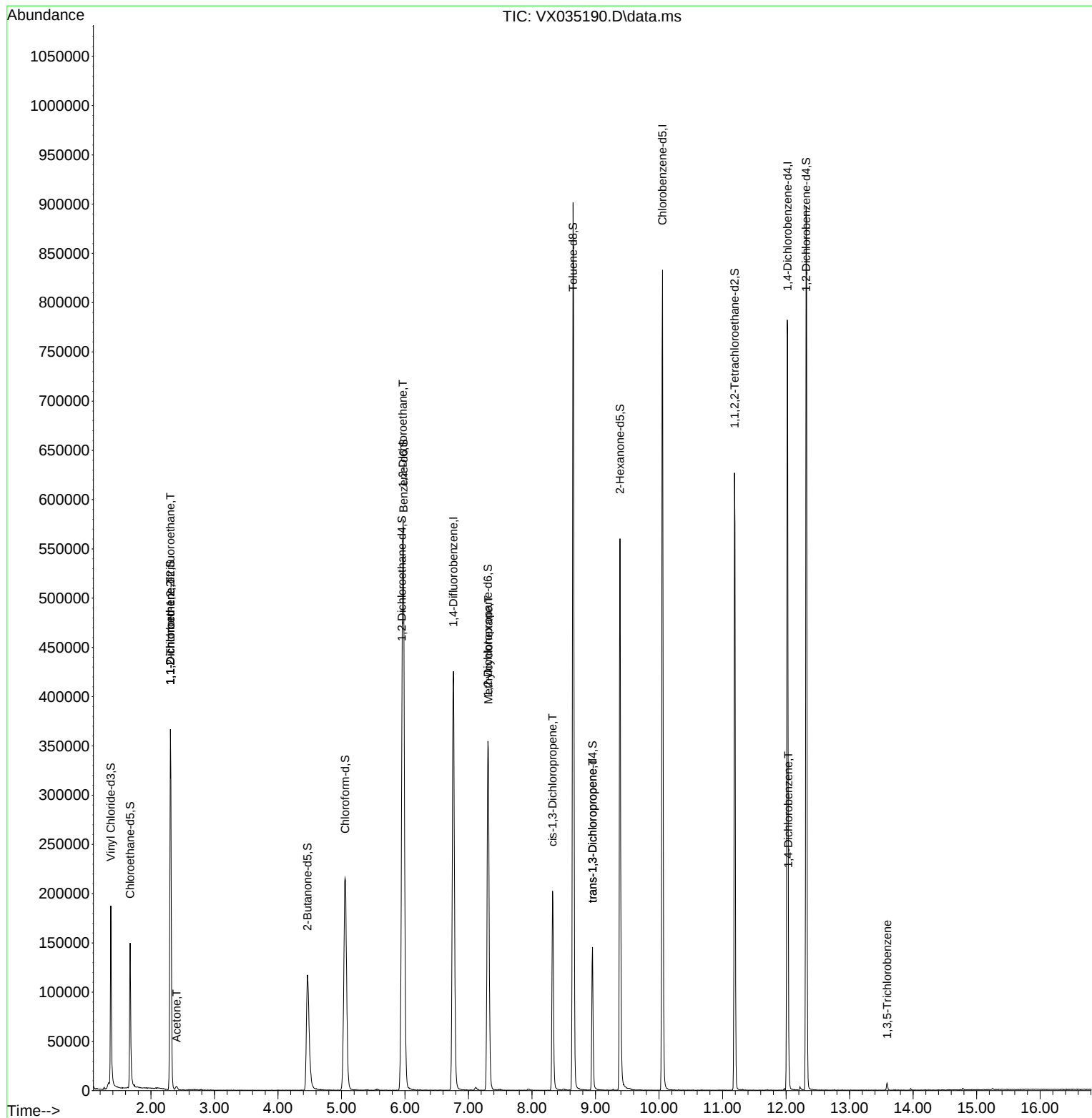
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

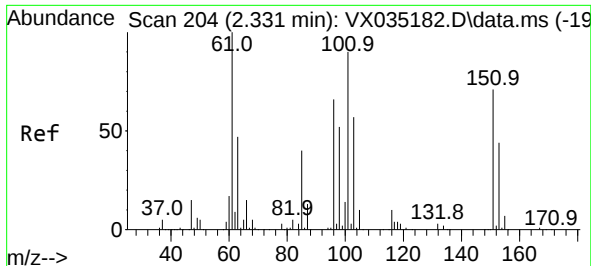
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	438612	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	380465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	171599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	124356	43.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.940%		
7) Chloroethane-d5	1.672	69	102028	49.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.860%		
11) 1,1-Dichloroethene-d2	2.306	65	63520	46.940	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.880%		
21) 2-Butanone-d5	4.465	46	228743	121.369	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.370%		
24) Chloroform-d	5.056	84	278247	52.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.480%		
26) 1,2-Dichloroethane-d4	5.952	65	188275	55.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.100%		
32) Benzene-d6	5.977	84	587521	53.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.520%		
36) 1,2-Dichloropropane-d6	7.306	67	186153	55.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.520%		
41) Toluene-d8	8.647	98	521674	52.227	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.460%		
43) trans-1,3-Dichloroprop...	8.952	79	66698	45.715	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.440%		
47) 2-Hexanone-d5	9.384	63	159310	118.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.830%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	236978	57.961	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.920%		
66) 1,2-Dichlorobenzene-d4	12.317	152	187979	56.528	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2037	0.709	ug/L #	19
12) 1,1-Dichloroethene	2.306	96	1677	0.640	ug/L #	1
13) Acetone	2.404	43	5469	3.912	ug/L	100
27) 1,2-Dichloroethane	5.964	62	3470	0.821	ug/L	95
35) Methylcyclohexane	7.312	83	45025	10.908	ug/L #	19
39) cis-1,3-Dichloropropene	8.324	75	4577	1.009	ug/L #	60
44) trans-1,3-Dichloropropene	8.952	75	2820	0.690	ug/L #	74
65) 1,4-Dichlorobenzene	12.036	146	7023	1.290	ug/L	99
69) 1,3,5-Trichlorobenzene	13.591	180	2075	0.631	ug/L	95

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

Instrument :
MSVOA_X
ClientSampleId :

Instrument :
MSVOA_X
ClientSampleId :

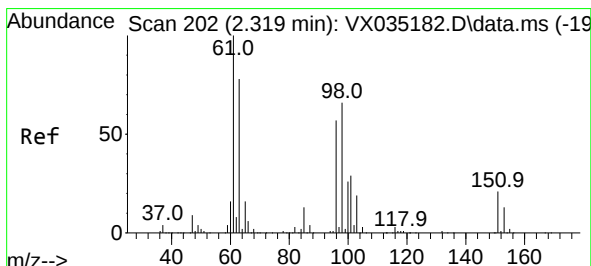
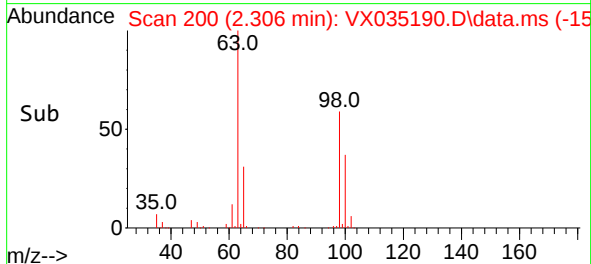
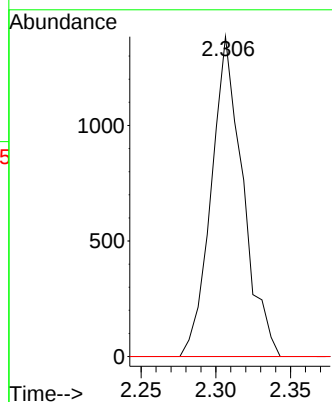
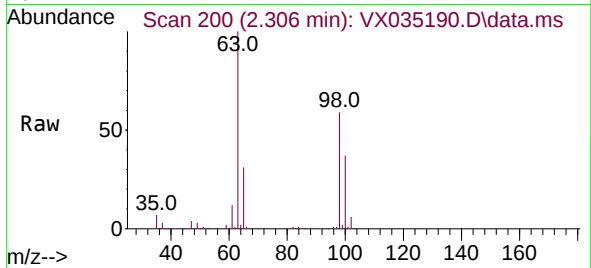




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.709 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX035190.D
 Acq: 19 Apr 2023 23:34

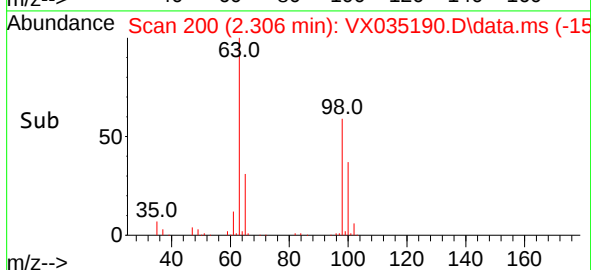
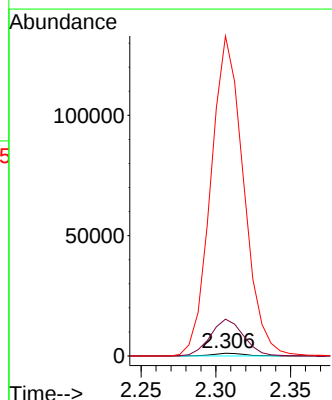
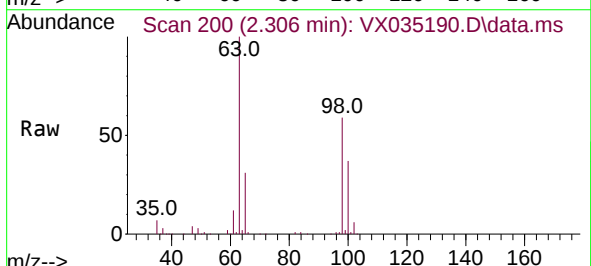
Instrument :
 MSVOA_X
 ClientSampleId :

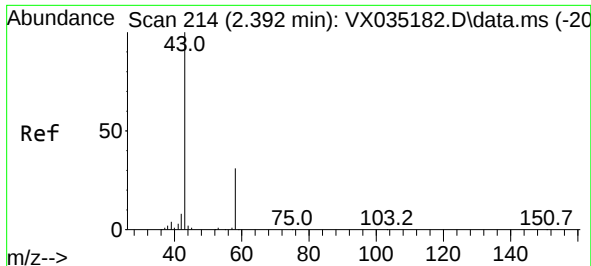
Tgt Ion:101 Resp: 2037
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.2#
 151 0.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.640 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.012 min
 Lab File: VX035190.D
 Acq: 19 Apr 2023 23:34

Tgt Ion: 96 Resp: 1677
 Ion Ratio Lower Upper
 96 100
 61 1320.8 119.0 221.0#
 63 11464.8 91.0 169.0#





#13

Acetone

Concen: 3.912 ug/L

RT: 2.404 min Scan# 21

Delta R.T. 0.012 min

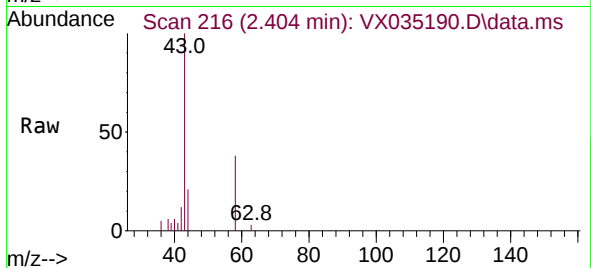
Lab File: VX035190.D

Acq: 19 Apr 2023 23:34

Instrument :

MSVOA_X

ClientSampleId :

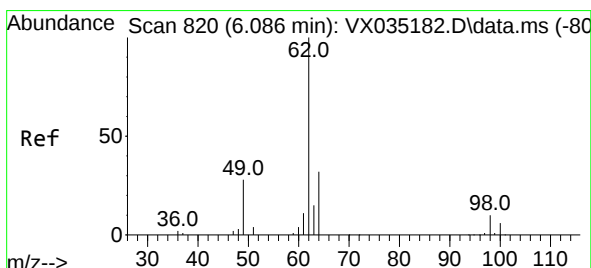
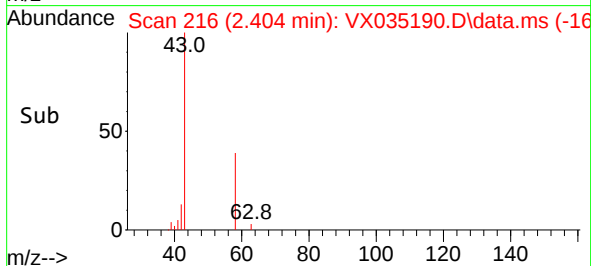
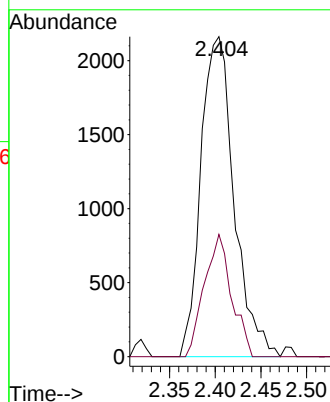


Tgt Ion: 43 Resp: 5469

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.0



#27

1,2-Dichloroethane

Concen: 0.821 ug/L

RT: 5.964 min Scan# 800

Delta R.T. -0.122 min

Lab File: VX035190.D

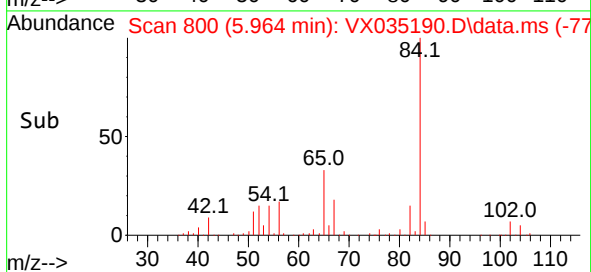
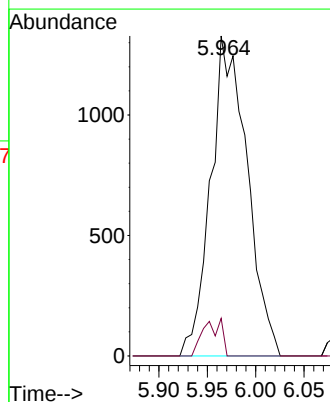
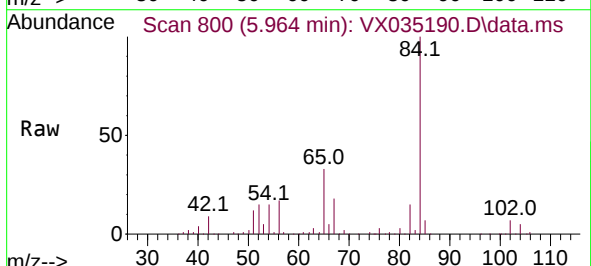
Acq: 19 Apr 2023 23:34

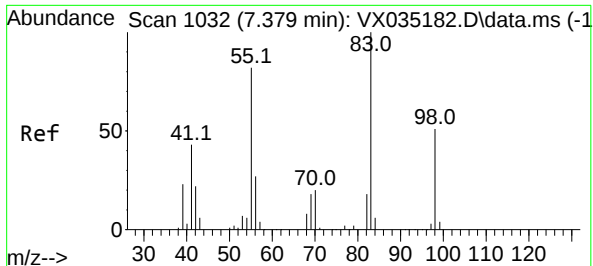
Tgt Ion: 62 Resp: 3470

Ion Ratio Lower Upper

62 100

98 11.7 7.8 11.8

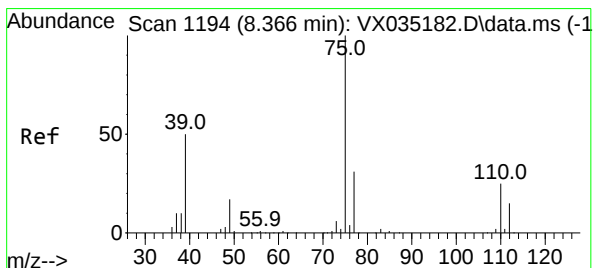
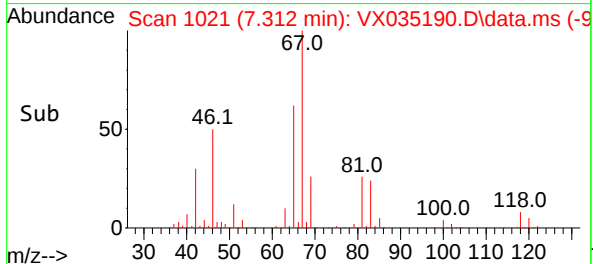
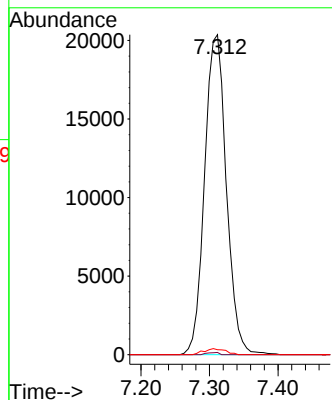
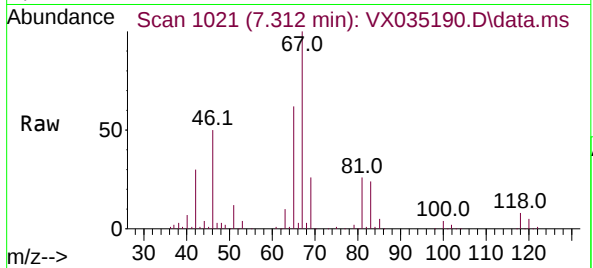




#35
Methylcyclohexane
Concen: 10.908 ug/L
RT: 7.312 min Scan# 1187
Delta R.T. -0.067 min
Lab File: VX035190.D
Acq: 19 Apr 2023 23:34

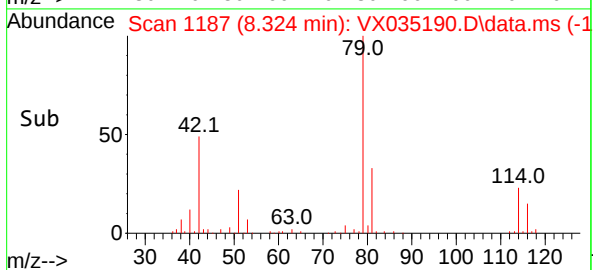
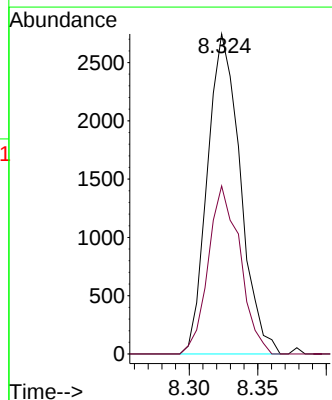
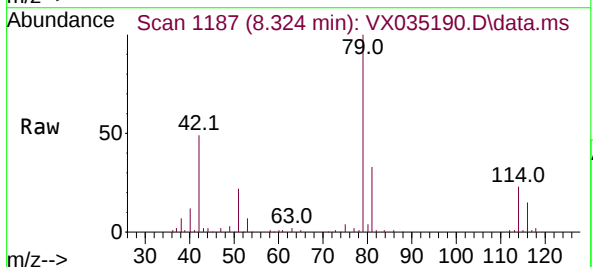
Instrument :
MSVOA_X
ClientSampleId :

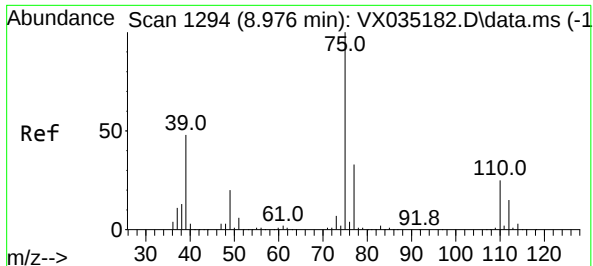
Tgt Ion: 83 Resp: 45025
Ion Ratio Lower Upper
83 100
55 0.4 62.2 93.2#
98 1.9 39.3 58.9#



#39
cis-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX035190.D
Acq: 19 Apr 2023 23:34

Tgt Ion: 75 Resp: 4577
Ion Ratio Lower Upper
75 100
77 52.5 21.4 39.8#

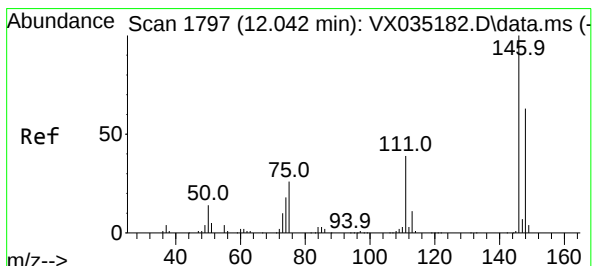
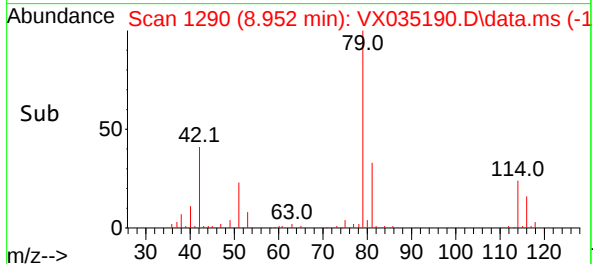
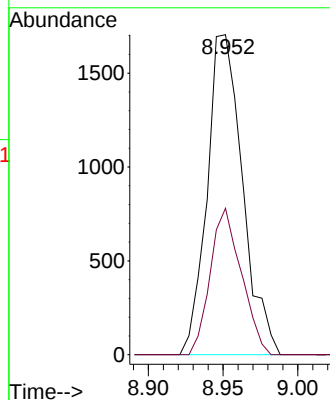
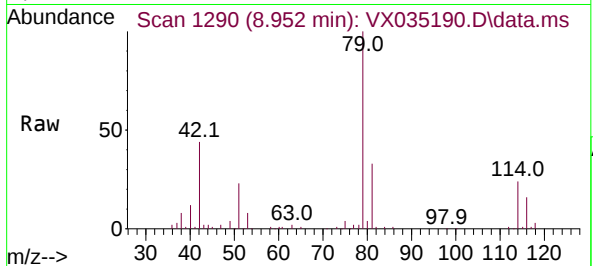




#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035190.D
Acq: 19 Apr 2023 23:34

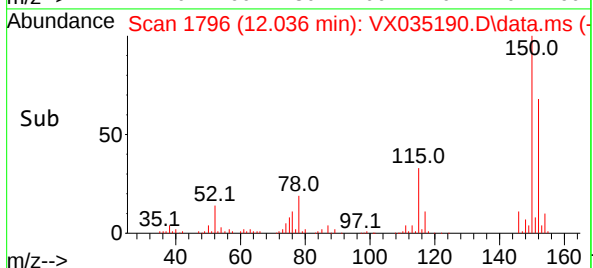
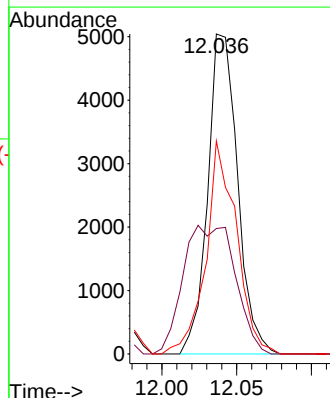
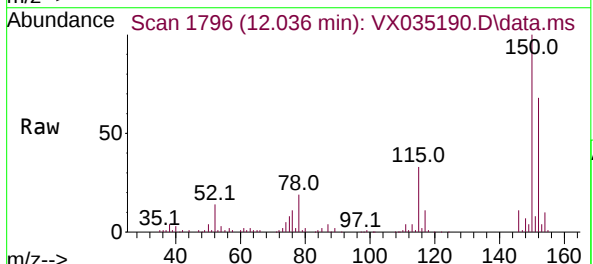
Instrument :
MSVOA_X
ClientSampleId :

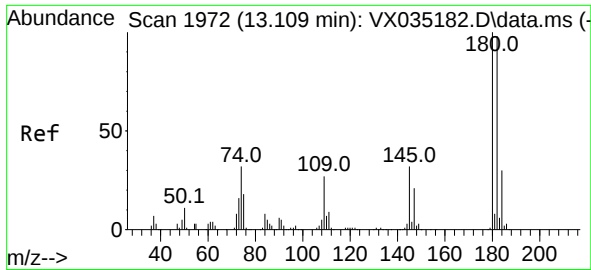
Tgt Ion: 75 Resp: 2820
Ion Ratio Lower Upper
75 100
77 45.7 22.0 40.8#



#65
1,4-Dichlorobenzene
Concen: 1.290 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX035190.D
Acq: 19 Apr 2023 23:34

Tgt Ion: 146 Resp: 7023
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.7
148 66.5 45.9 85.3





#69

1,3,5-Trichlorobenzene

Concen: 0.631 ug/L

RT: 13.591 min Scan# 20

Delta R.T. 0.482 min

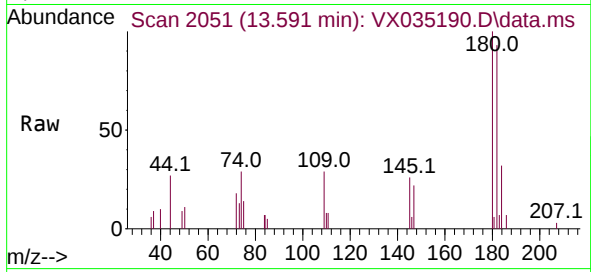
Lab File: VX035190.D

Acq: 19 Apr 2023 23:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 2075

Ion Ratio Lower Upper

180 100

182 87.2 75.4 113.0

184 31.1 23.8 35.8

145 32.7 25.3 37.9

