

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035123.D
 Acq On : 18 Apr 2023 15:15
 Operator : JC/MD
 Sample : VX0418WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK622

Quant Time: Apr 19 00:54:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:53:18 2023
 Response via : Initial Calibration

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

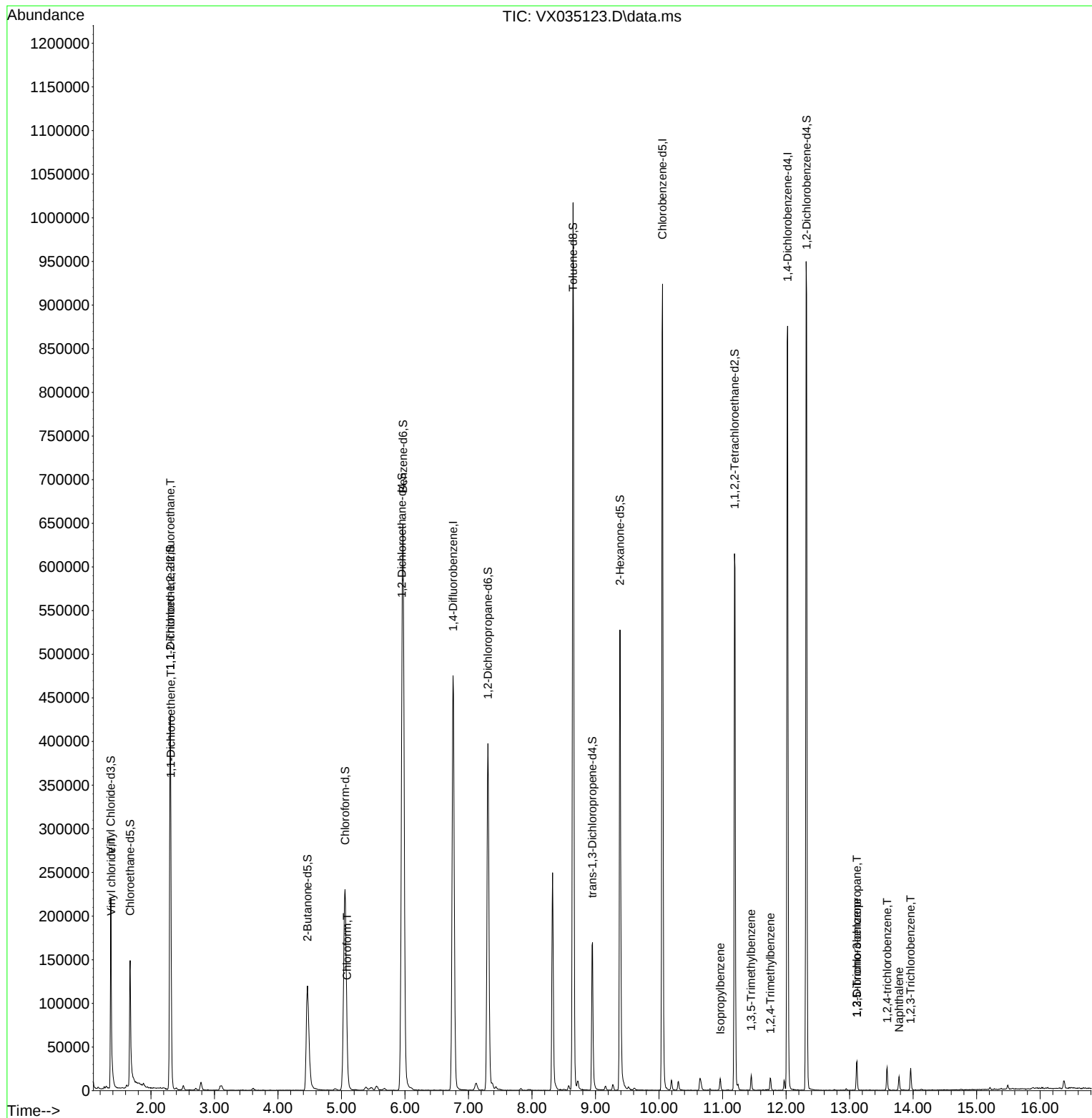
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	489686	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	421747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	191820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	162205	51.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.740%	
7) Chloroethane-d5	1.672	69	114409	50.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 100.280%	
11) 1,1-Dichloroethene-d2	2.306	65	77725	51.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.900%	
21) 2-Butanone-d5	4.465	46	228885	108.778	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.780%	
24) Chloroform-d	5.056	84	299144	50.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.620%	
26) 1,2-Dichloroethane-d4	5.952	65	202501	53.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.060%	
32) Benzene-d6	5.970	84	659602	54.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.880%	
36) 1,2-Dichloropropane-d6	7.305	67	201315	54.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 108.800%	
41) Toluene-d8	8.647	98	597275	53.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.880%	
43) trans-1,3-Dichloroprop...	8.951	79	82020	50.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.420%	
47) 2-Hexanone-d5	9.384	63	162777	109.531	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.530%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	243036	53.624	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.240%	
66) 1,2-Dichlorobenzene-d4	12.323	152	205406	55.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.520%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	2008	0.579	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2689	0.839	ug/L #	27
12) 1,1-Dichloroethene	2.312	96	3082	1.053	ug/L #	1
25) Chloroform	5.086	83	8225	1.397	ug/L	88
60) Isopropylbenzene	10.963	105	7359	0.564	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	7686	0.721	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	6687	0.630	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.115	75	1402	1.604	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.115	180	8546	2.324	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	6416	1.863	ug/L	99
71) Naphthalene	13.780	128	10119	0.825	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	5995	1.763	ug/L	92

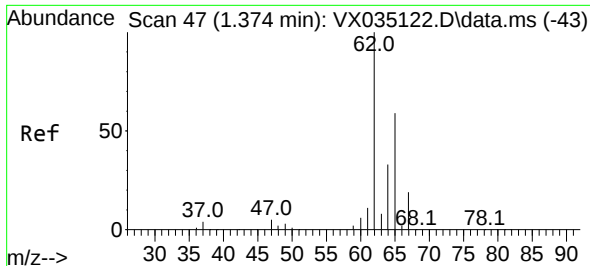
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035123.D
Acq On : 18 Apr 2023 15:15
Operator : JC/MD
Sample : VX0418WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VBLK622

Quant Time: Apr 19 00:54:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:53:18 2023
Response via : Initial Calibration

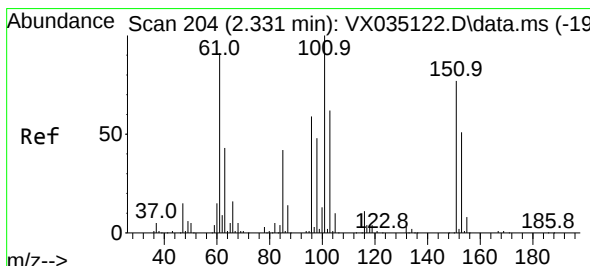
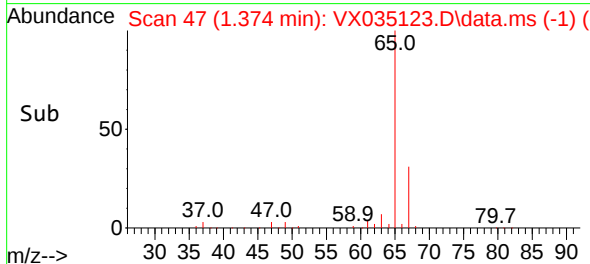
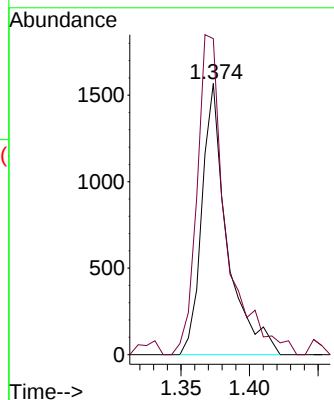
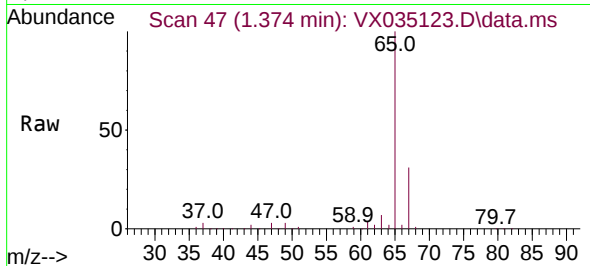




#5
 Vinyl chloride
 Concen: 0.579 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035123.D
 Acq: 18 Apr 2023 15:15

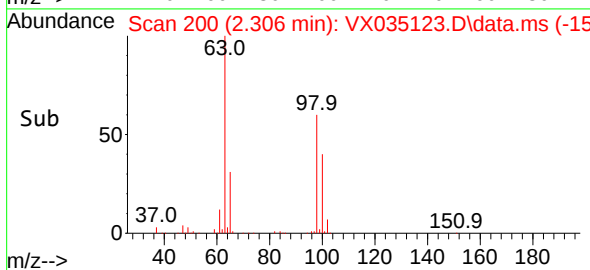
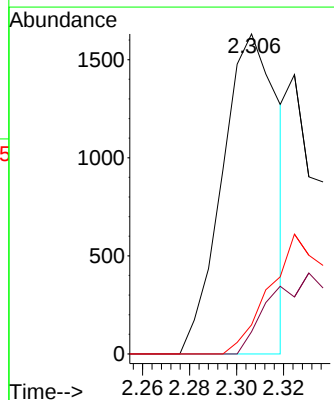
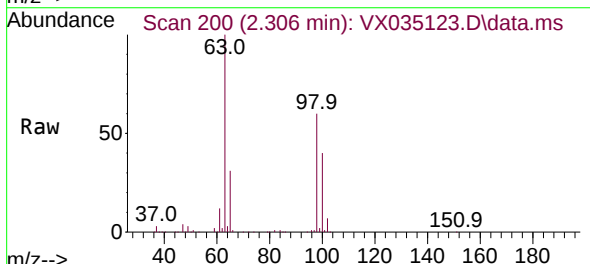
Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK622

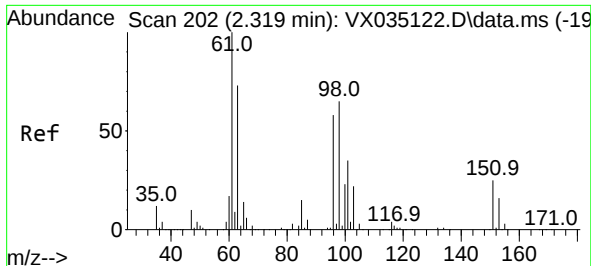
Tgt Ion: 62 Resp: 2008
 Ion Ratio Lower Upper
 62 100
 64 116.5 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.839 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.025 min
 Lab File: VX035123.D
 Acq: 18 Apr 2023 15:15

Tgt Ion: 101 Resp: 2689
 Ion Ratio Lower Upper
 101 100
 85 13.7 34.2 51.2#
 151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 1.053 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX035123.D

Acq: 18 Apr 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

VBLK622

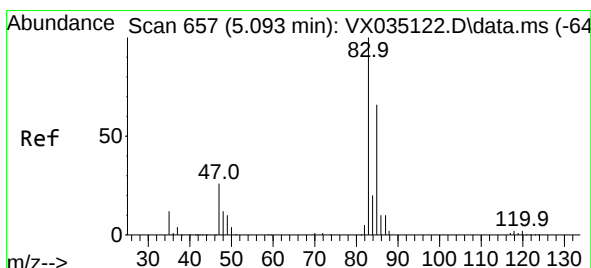
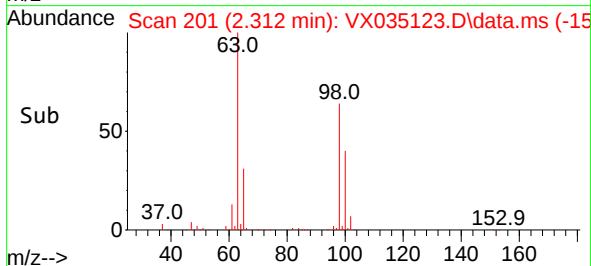
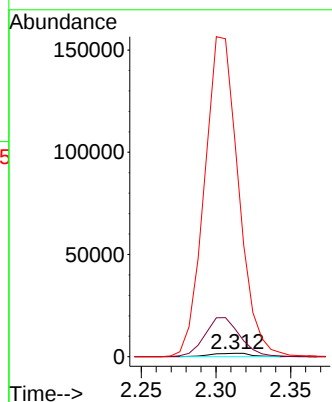
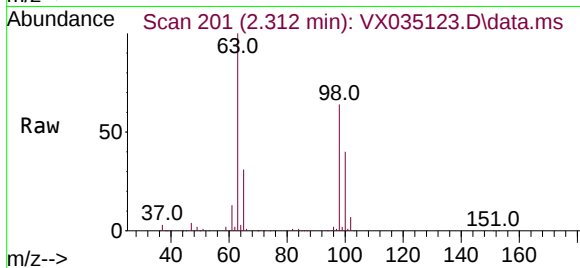
Tgt Ion: 96 Resp: 3082

Ion Ratio Lower Upper

96 100

61 848.7 119.0 221.0#

63 6559.3 91.0 169.0#



#25

Chloroform

Concen: 1.397 ug/L

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035123.D

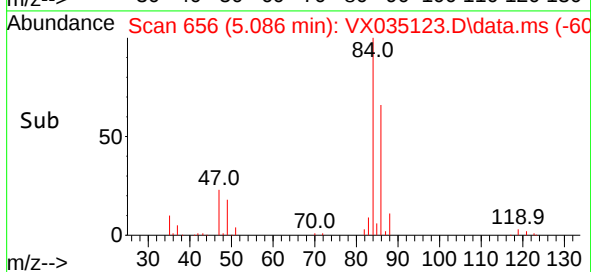
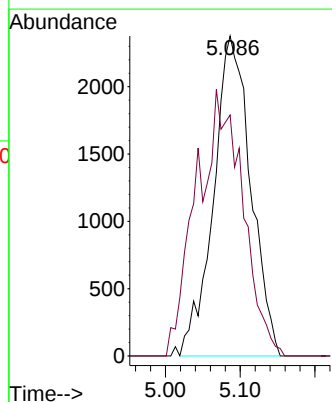
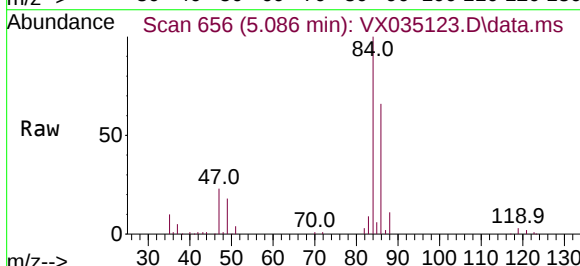
Acq: 18 Apr 2023 15:15

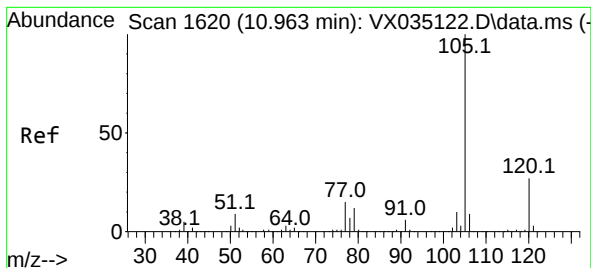
Tgt Ion: 83 Resp: 8225

Ion Ratio Lower Upper

83 100

85 75.3 46.0 85.4





#60

Isopropylbenzene

Concen: 0.564 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035123.D

Acq: 18 Apr 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

VBLK622

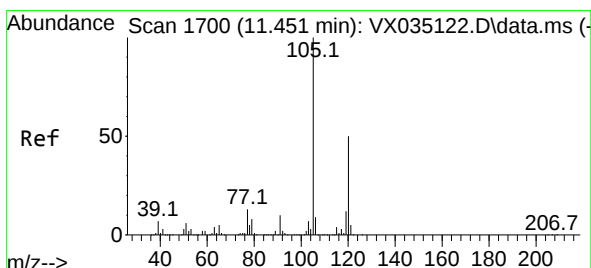
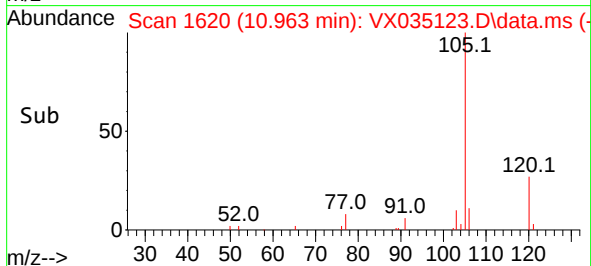
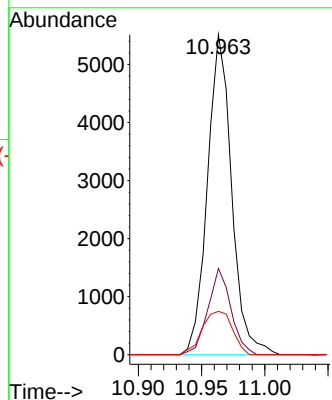
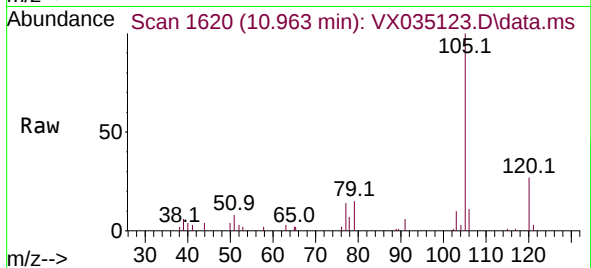
Tgt Ion:105 Resp: 7359

Ion Ratio Lower Upper

105 100

120 25.6 21.5 32.3

77 17.0 12.6 18.8



#62

1,3,5-Trimethylbenzene

Concen: 0.721 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX035123.D

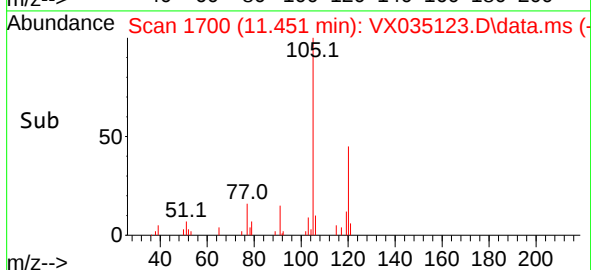
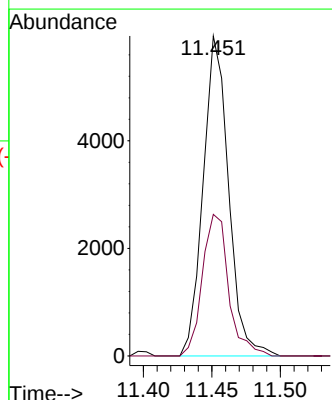
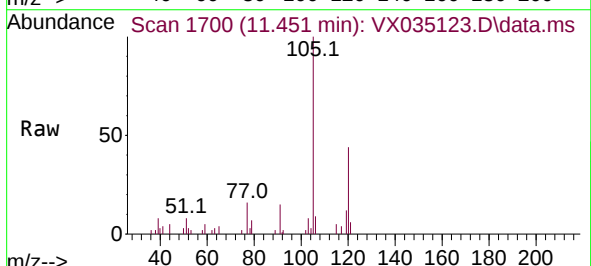
Acq: 18 Apr 2023 15:15

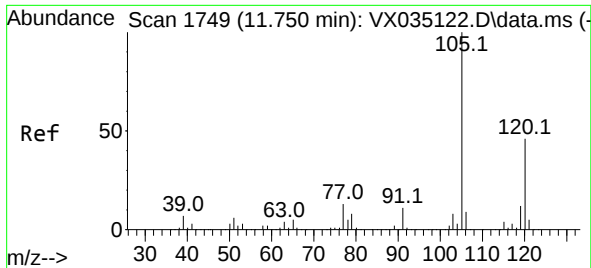
Tgt Ion:105 Resp: 7686

Ion Ratio Lower Upper

105 100

120 45.7 39.5 59.3

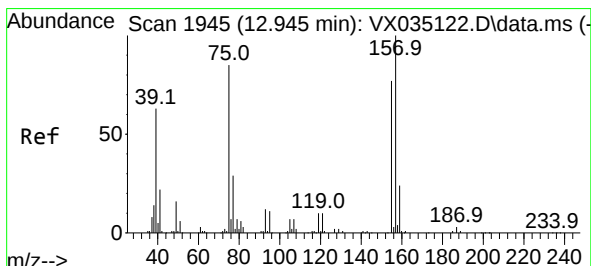
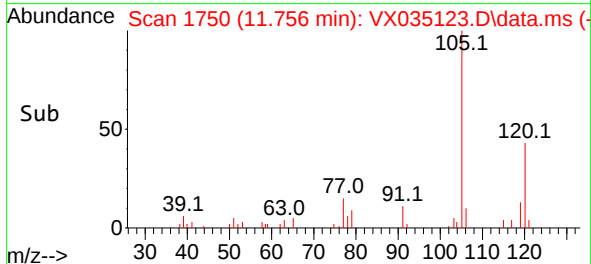
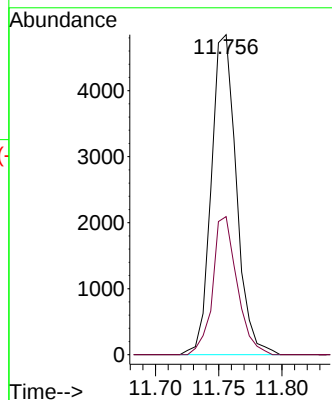
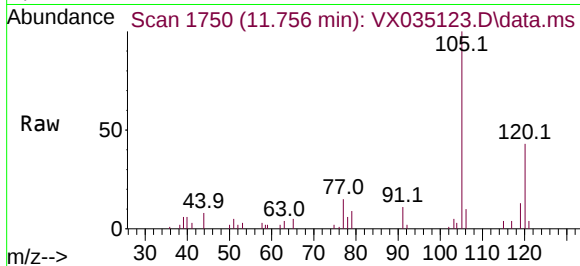




#63
 1,2,4-Trimethylbenzene
 Concen: 0.630 ug/L
 RT: 11.756 min Scan# 1173
 Delta R.T. 0.006 min
 Lab File: VX035123.D
 Acq: 18 Apr 2023 15:15

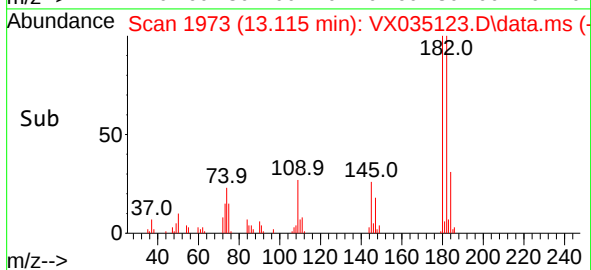
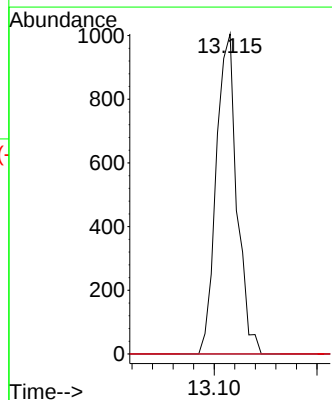
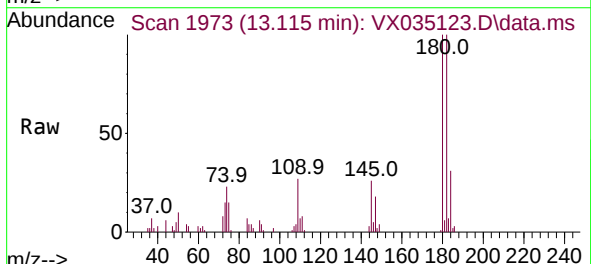
Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK622

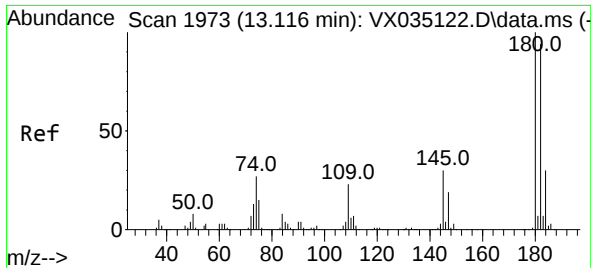
Tgt Ion:105 Resp: 6687
 Ion Ratio Lower Upper
 105 100
 120 42.0 36.6 55.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.604 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.171 min
 Lab File: VX035123.D
 Acq: 18 Apr 2023 15:15

Tgt Ion: 75 Resp: 1402
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.9 104.9#
 157 0.0 90.4 135.6#

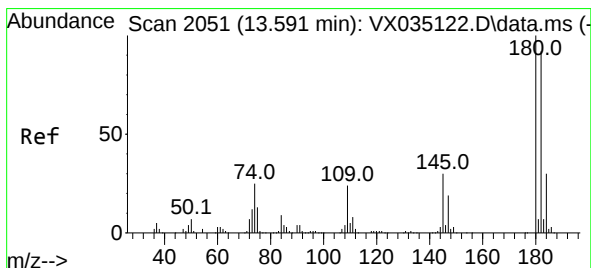
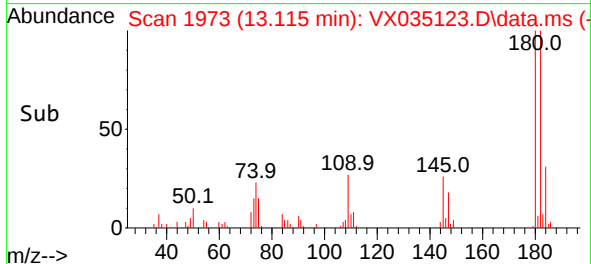
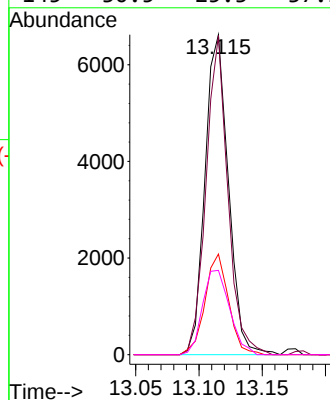
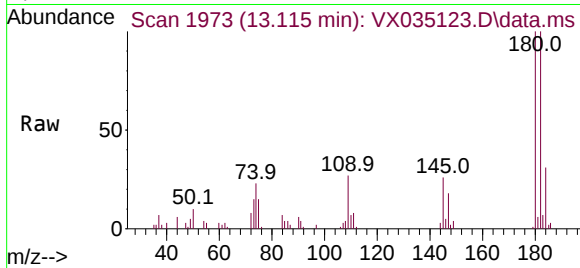




#69
 1,3,5-Trichlorobenzene
 Concen: 2.324 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX035123.D
 Acq: 18 Apr 2023 15:15

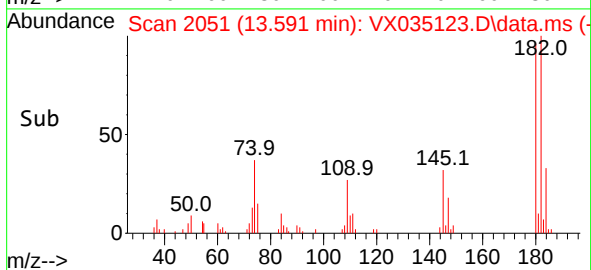
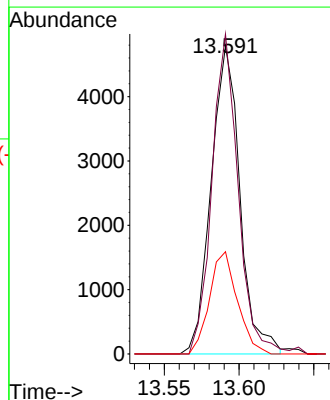
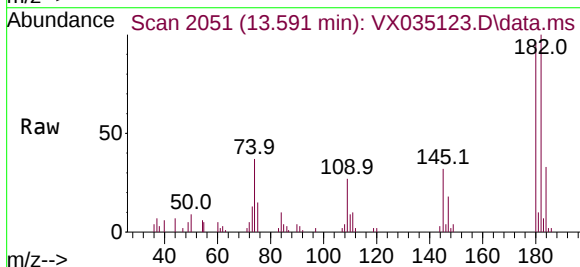
Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK622

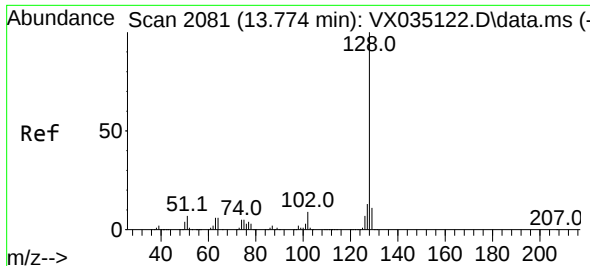
Tgt Ion:180	Resp:	8546
Ion Ratio	Lower	Upper
180	100	
182	92.8	75.4 113.0
184	31.6	23.8 35.8
145	30.5	25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 1.863 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX035123.D
 Acq: 18 Apr 2023 15:15

Tgt Ion:180	Resp:	6416
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.6 114.8
145	32.1	26.2 39.4

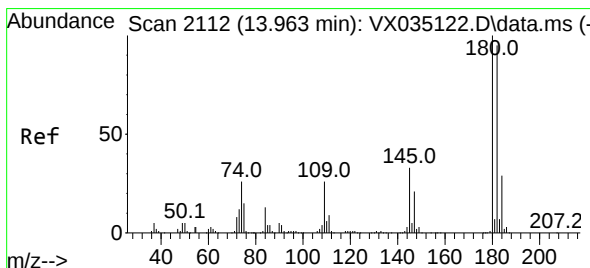
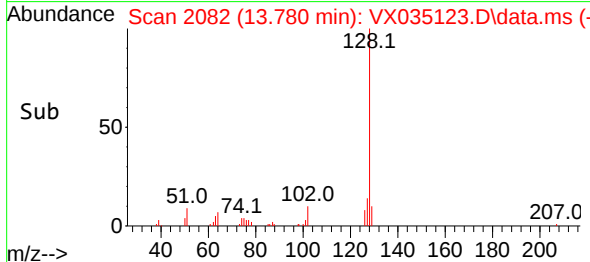
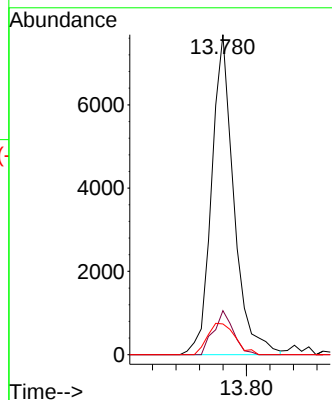
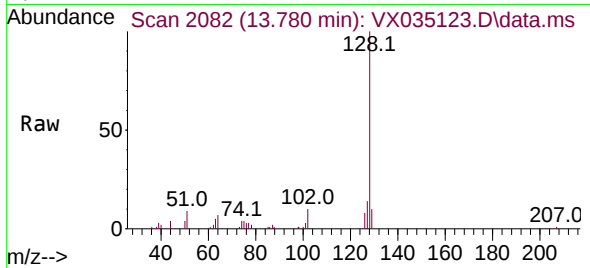




#71
Naphthalene
Concen: 0.825 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035123.D
Acq: 18 Apr 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
VBLK622

Tgt Ion:	128	Resp:	10119
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.4
129	12.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 1.763 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035123.D
Acq: 18 Apr 2023 15:15

Tgt Ion:	180	Resp:	5995
Ion Ratio	Lower	Upper	
180	100		
182	102.6	75.0	112.6
145	36.2	27.1	40.7

