

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033994.D
 Acq On : 02 Feb 2023 17:51
 Operator : JC/MD
 Sample : VX0202WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK608

Quant Time: Feb 03 04:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:22:50 2023
 Response via : Initial Calibration

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

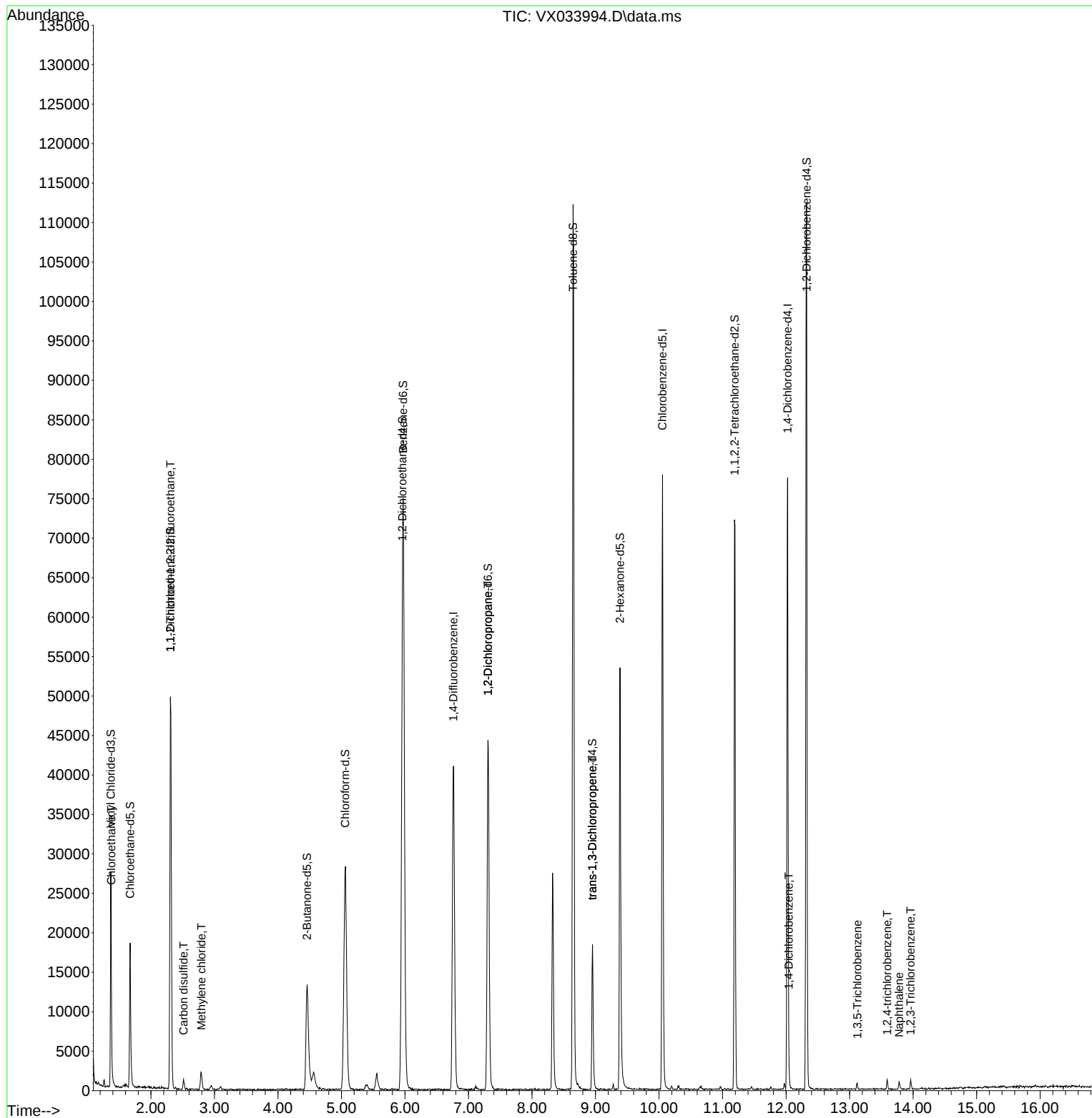
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	46043	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	38044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	18990	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	18626	60.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 121.480%			
7) Chloroethane-d5	1.672	69	13120	70.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 140.960%#			
11) 1,1-Dichloroethene-d2	2.306	63	28182	50.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.320%			
21) 2-Butanone-d5	4.458	46	25047	142.468	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 142.470%#			
24) Chloroform-d	5.056	84	36968	67.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.420%#			
26) 1,2-Dichloroethane-d4	5.958	65	23737	71.523	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 143.040%#			
32) Benzene-d6	5.970	84	77790	71.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.660%#			
36) 1,2-Dichloropropane-d6	7.305	67	23071	71.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 143.120%#			
41) Toluene-d8	8.647	98	70190	67.848	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.700%#			
43) trans-1,3-Dichloroprop...	8.951	79	9498	64.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 129.840%#			
47) 2-Hexanone-d5	9.384	63	16276	134.618	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 134.620%#			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	28943	71.591	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 143.180%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	26911	70.800	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 141.600%#			
Target Compounds						Qvalue
8) Chloroethane	1.374	64	322	1.916	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	376	1.213	ug/L #	30
14) Carbon disulfide	2.514	76	1371	1.787	ug/L	97
16) Methylene chloride	2.794	84	1106	3.684	ug/L	77
37) 1,2-Dichloropropane	7.305	63	2417	8.388	ug/L #	85
44) trans-1,3-Dichloropropene	8.951	75	399	1.014	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	553	0.886	ug/L	98
69) 1,3,5-Trichlorobenzene	13.121	180	401	0.862	ug/L #	91
70) 1,2,4-trichlorobenzene	13.591	180	489	1.158	ug/L #	84
71) Naphthalene	13.780	128	1054	0.901	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.963	180	475	1.139	ug/L #	84

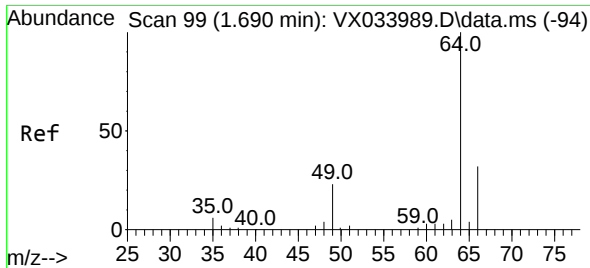
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
Data File : VX033994.D
Acq On : 02 Feb 2023 17:51
Operator : JC/MD
Sample : VX0202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VBLK608

Quant Time: Feb 03 04:35:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 04:22:50 2023
Response via : Initial Calibration

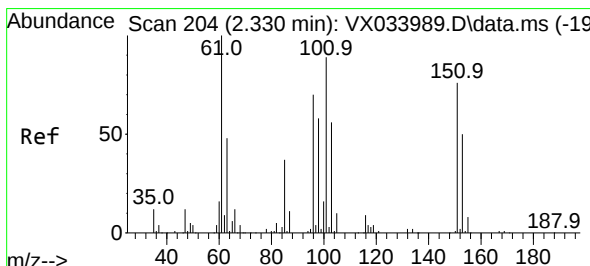
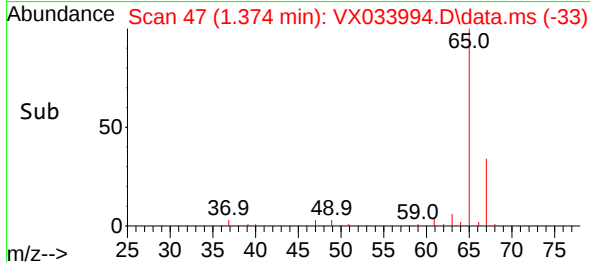
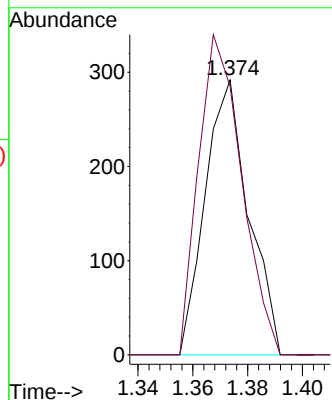
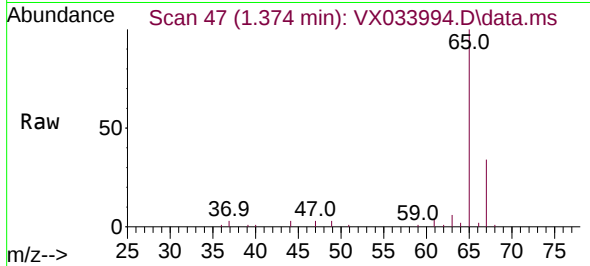




#8
Chloroethane
Concen: 1.916 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.317 min
Lab File: VX033994.D
Acq: 02 Feb 2023 17:51

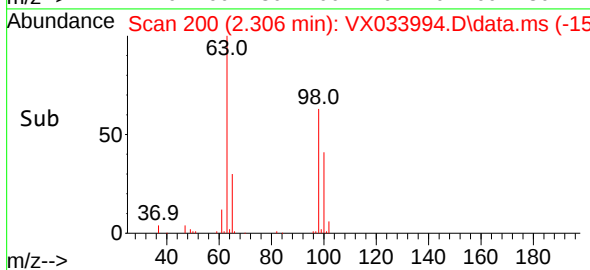
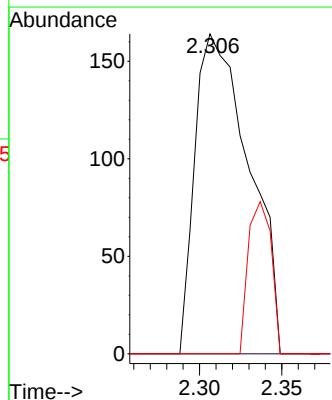
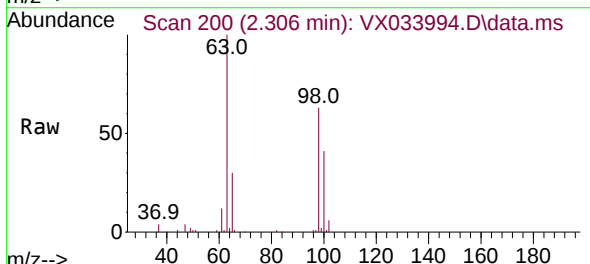
Instrument :
MSVOA_X
ClientSampleId :
VBLK608

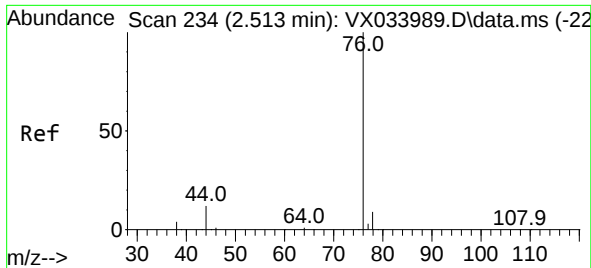
Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 97.6 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.213 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.024 min
Lab File: VX033994.D
Acq: 02 Feb 2023 17:51

Tgt Ion: 101 Resp: 376
Ion Ratio Lower Upper
101 100
85 0.0 32.2 48.4#
151 20.2 69.3 103.9#

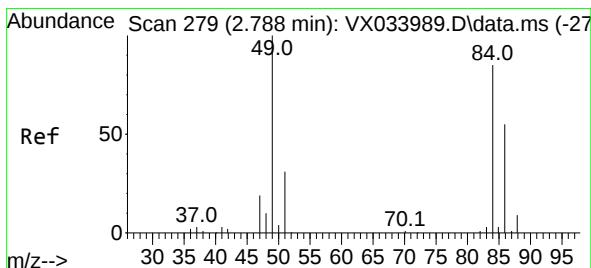
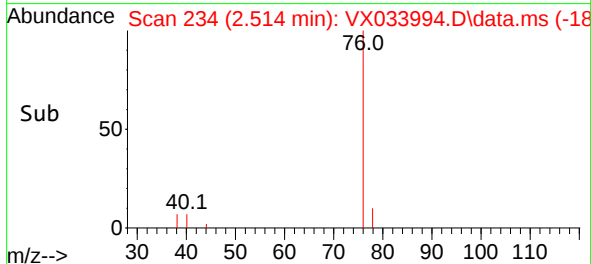
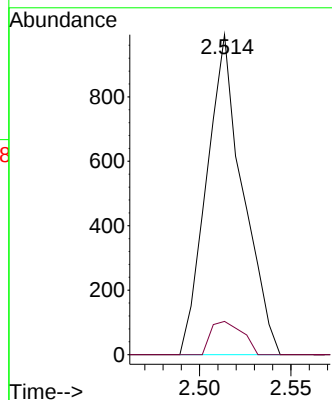
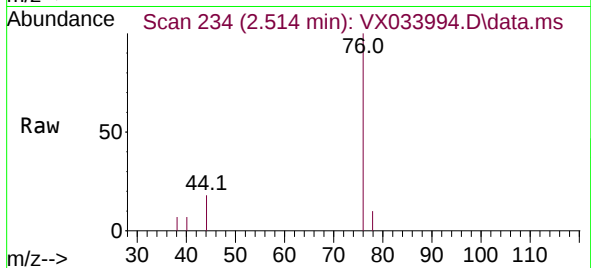




#14
Carbon disulfide
Concen: 1.787 ug/L
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033994.D
Acq: 02 Feb 2023 17:51

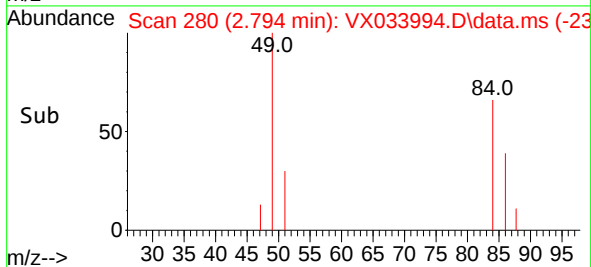
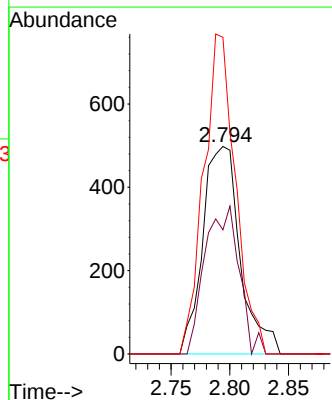
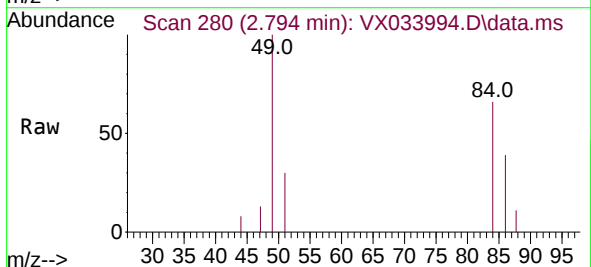
Instrument :
MSVOA_X
ClientSampleId :
VBLK608

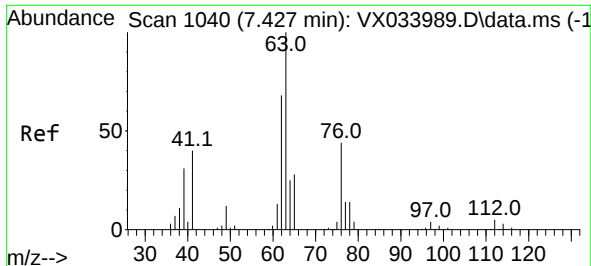
Tgt Ion: 76 Resp: 1371
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#16
Methylene chloride
Concen: 3.684 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033994.D
Acq: 02 Feb 2023 17:51

Tgt Ion: 84 Resp: 1106
Ion Ratio Lower Upper
84 100
86 59.8 45.2 84.0
49 152.6 82.5 153.1





#37

1,2-Dichloropropane

Concen: 8.388 ug/L

RT: 7.305 min Scan# 11

Delta R.T. -0.122 min

Lab File: VX033994.D

Acq: 02 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

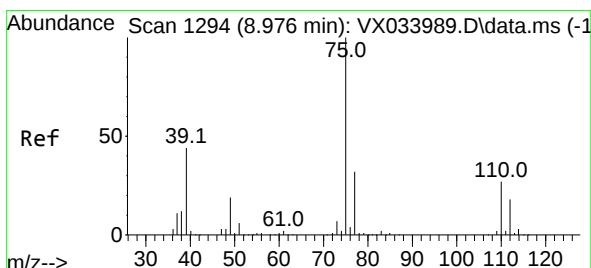
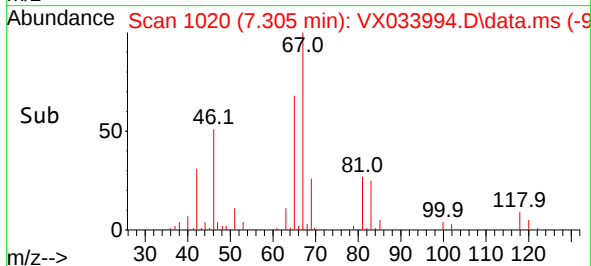
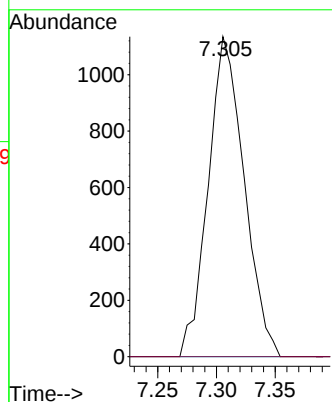
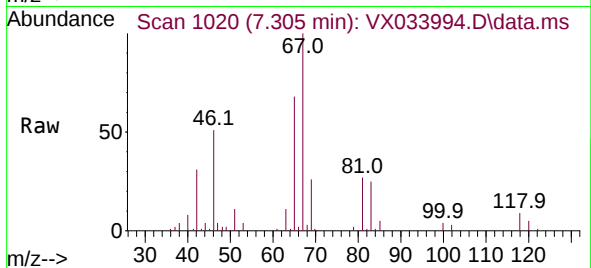
VBLK608

Tgt Ion: 63 Resp: 2417

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#44

trans-1,3-Dichloropropene

Concen: 1.014 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX033994.D

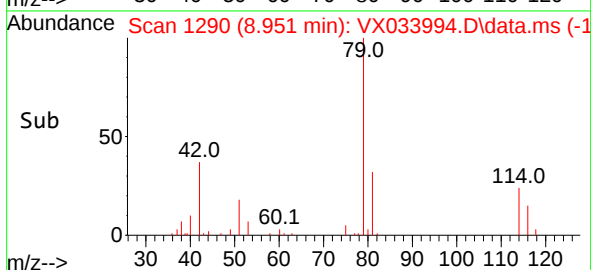
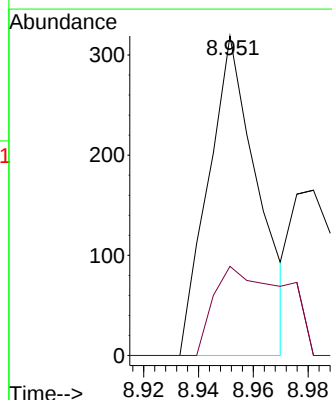
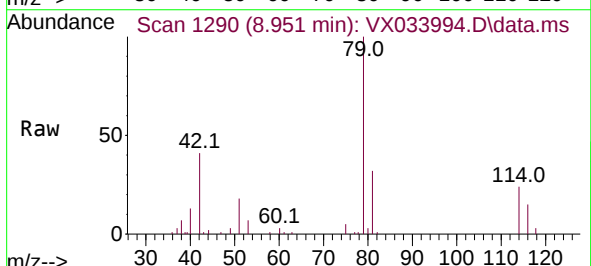
Acq: 02 Feb 2023 17:51

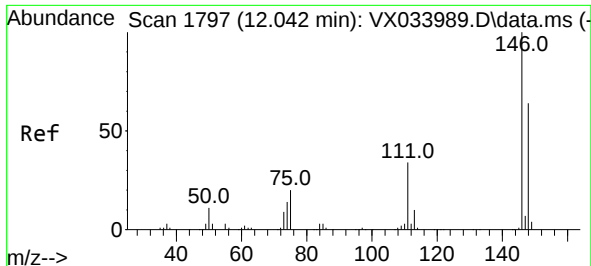
Tgt Ion: 75 Resp: 399

Ion Ratio Lower Upper

75 100

77 27.9 22.3 41.3

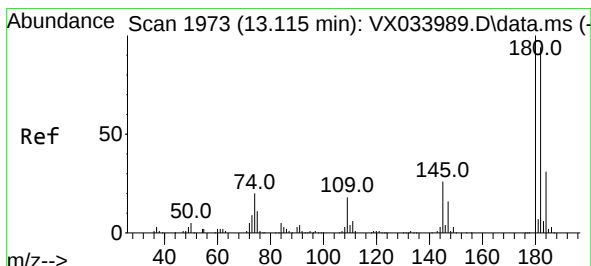
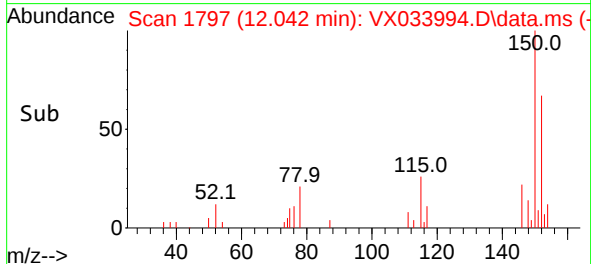
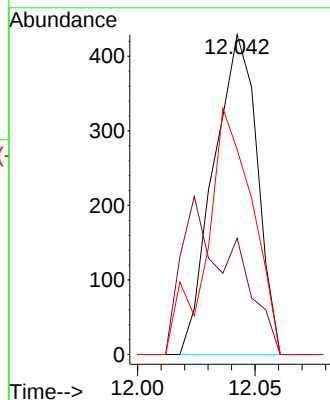
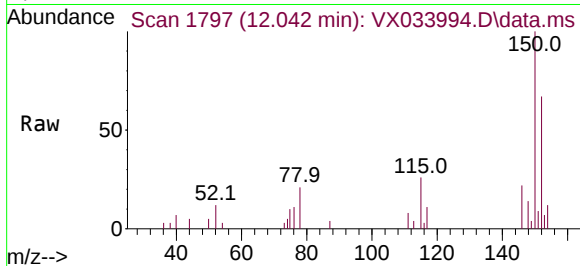




#65
1,4-Dichlorobenzene
Concen: 0.886 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033994.D
Acq: 02 Feb 2023 17:51

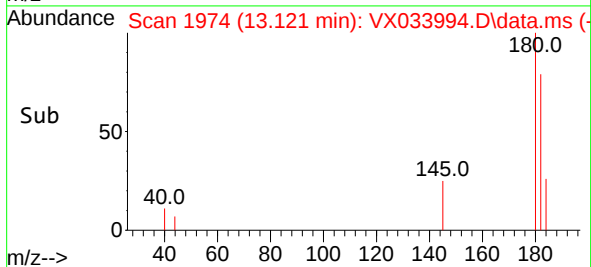
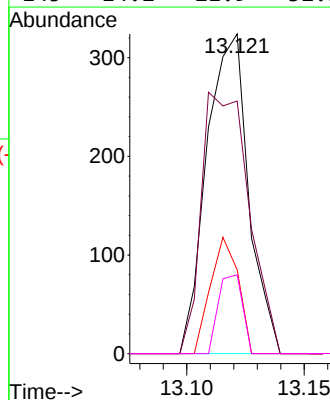
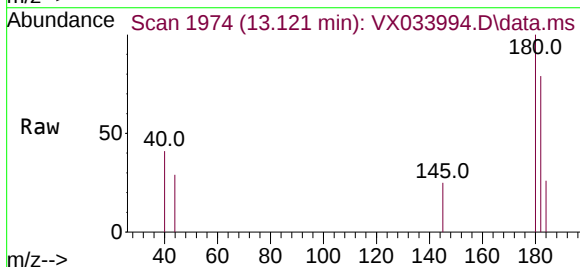
Instrument :
MSVOA_X
ClientSampleId :
VBLK608

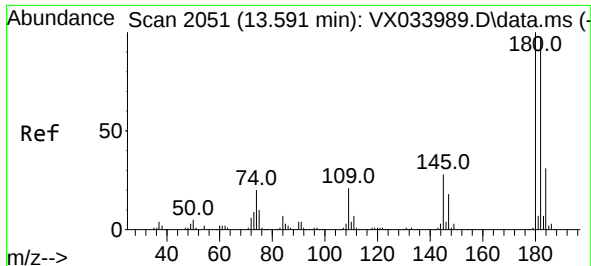
Tgt Ion:146	Resp:	553	
Ion	Ratio	Lower	Upper
146	100		
111	36.4	23.7	44.1
148	64.1	45.0	83.6



#69
1,3,5-Trichlorobenzene
Concen: 0.862 ug/L
RT: 13.121 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VX033994.D
Acq: 02 Feb 2023 17:51

Tgt	Ion:180	Resp:	401
Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.3	115.9
184	24.2	24.5	36.7#
145	14.2	21.9	32.9#





#70

1,2,4-trichlorobenzene

Concen: 1.158 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033994.D

Acq: 02 Feb 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

VBLK608

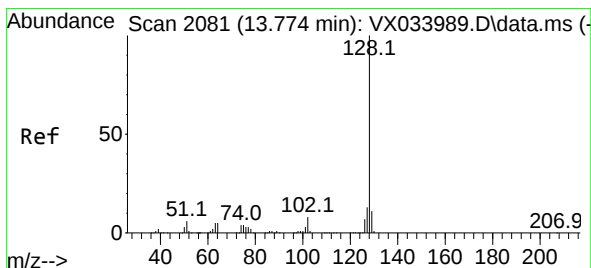
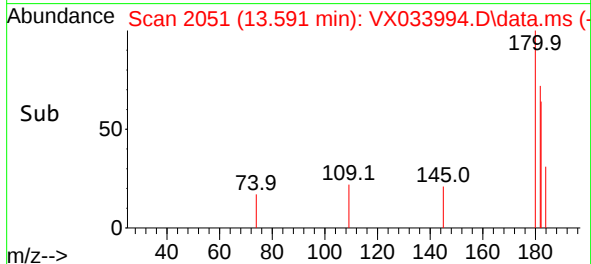
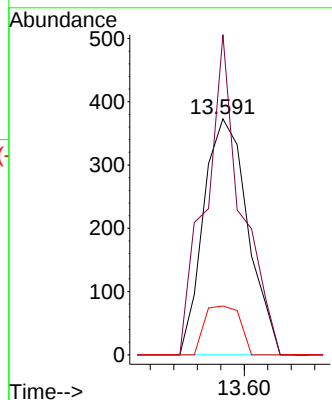
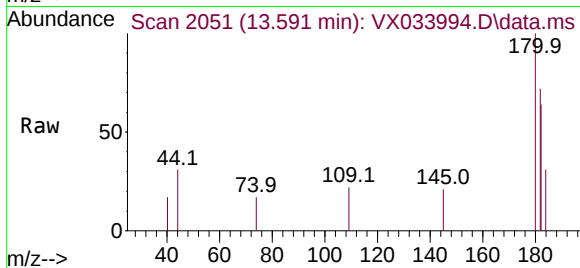
Tgt Ion:180 Resp: 489

Ion Ratio Lower Upper

180 100

182 109.4 76.5 114.7

145 16.6 22.3 33.5#



#71

Naphthalene

Concen: 0.901 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX033994.D

Acq: 02 Feb 2023 17:51

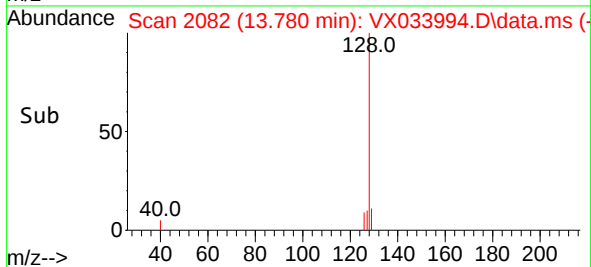
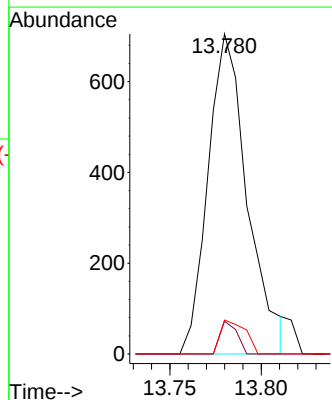
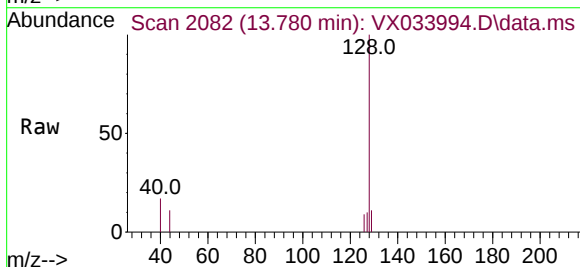
Tgt Ion:128 Resp: 1054

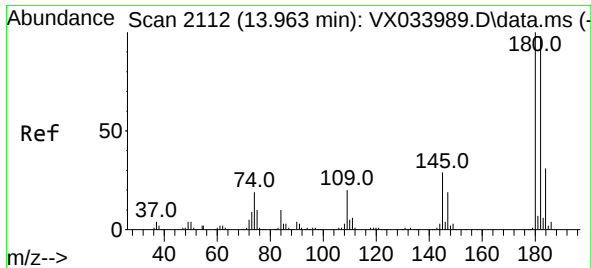
Ion Ratio Lower Upper

128 100

127 4.4 10.2 15.2#

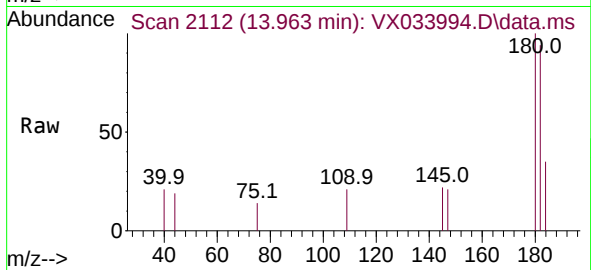
129 6.7 8.7 13.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.139 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX033994.D
 Acq: 02 Feb 2023 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK608



Tgt Ion:180 Resp: 475
 Ion Ratio Lower Upper
 180 100
 182 106.1 77.1 115.7
 145 10.9 23.5 35.3#

