

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035463.D
 Acq On : 02 May 2023 01:12
 Operator : JC/MD
 Sample : 02521-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 02:45:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

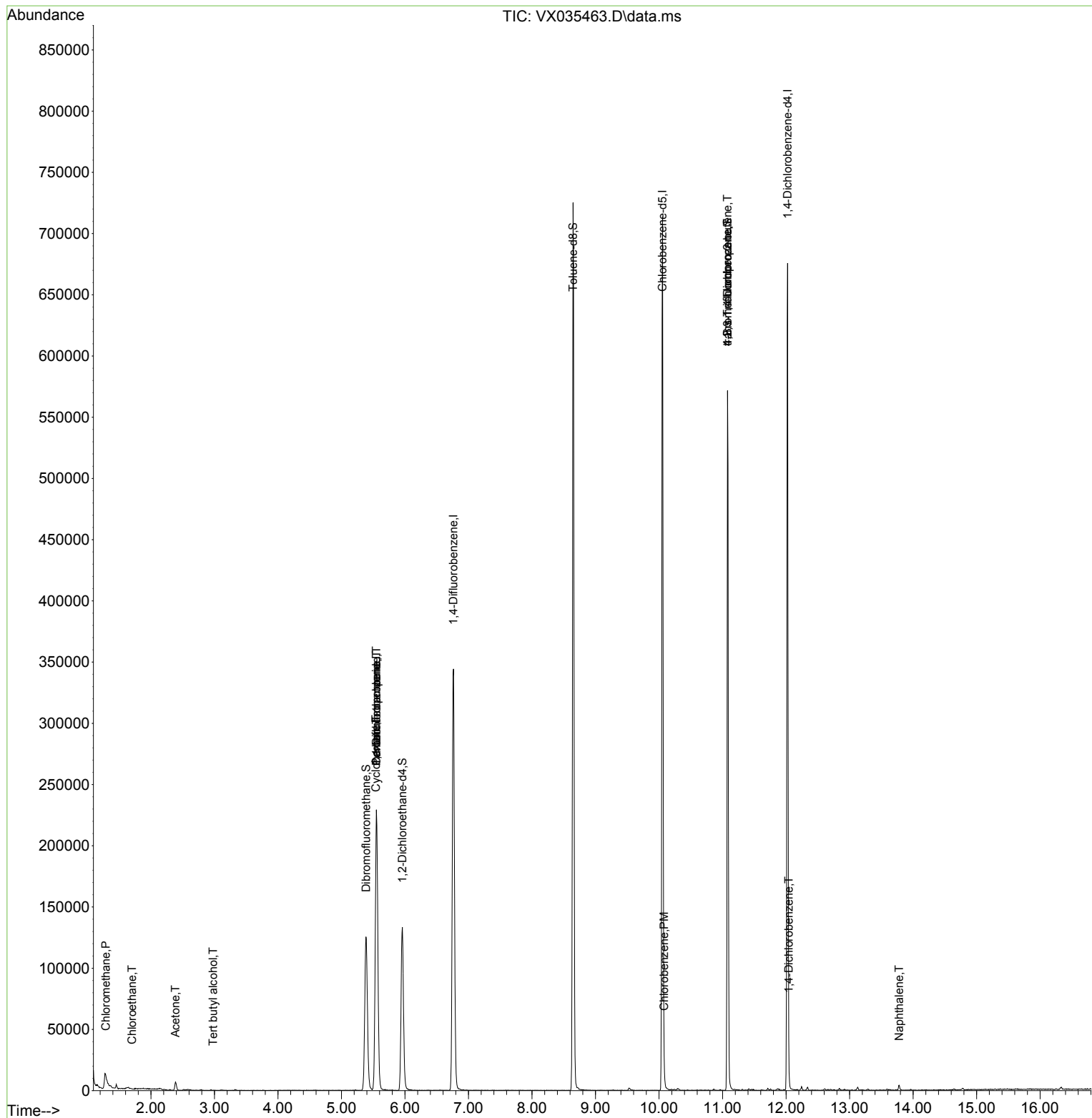
Internal Standards						
1) Pentafluorobenzene	5.550	168	223810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130520	48.338	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.385	113	112334	49.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.646	98	436554	51.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.840%
62) 4-Bromofluorobenzene	11.079	95	157996	49.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	939	0.436	ug/l #	42
6) Chloroethane	1.703	64	411	0.325	ug/l #	42
11) Tert butyl alcohol	2.977	59	127	0.258	ug/l #	73
16) Acetone	2.385	43	7387	6.299	ug/l #	88
31) Cyclohexane	5.543	56	3874	1.011	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15270	4.345	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22699	6.804	ug/l #	16
65) Chlorobenzene	10.079	112	3900	0.543	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	76073	26.242	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	76073	84.993	ug/l #	8
88) 1,4-Dichlorobenzene	12.042	146	1930	0.367	ug/l #	21
95) Naphthalene	13.780	128	3347	0.345	ug/l #	95

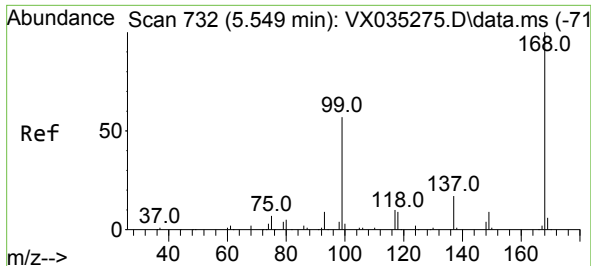
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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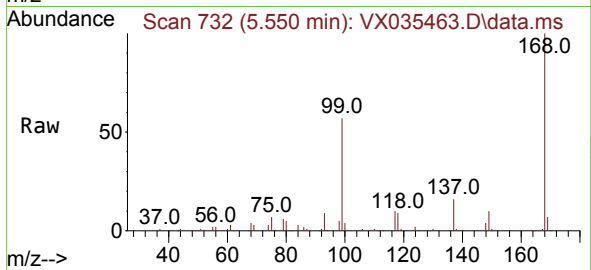
Quant Time: May 02 02:45:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



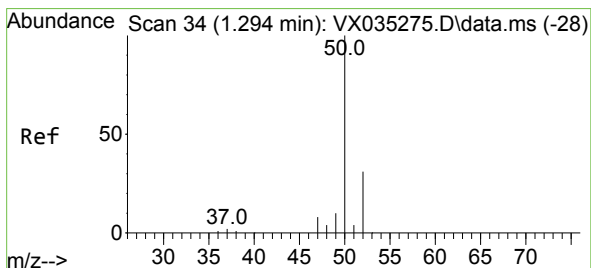
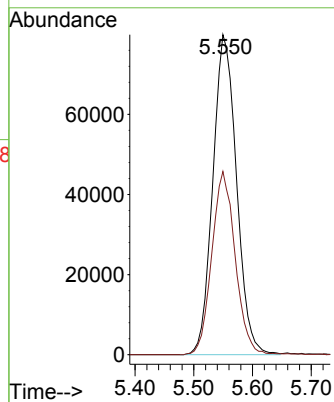
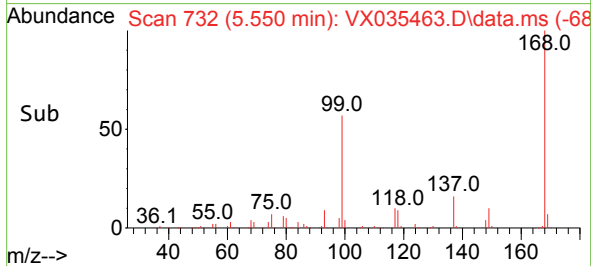


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Instrument :
MSVOA_X
ClientSampleId :

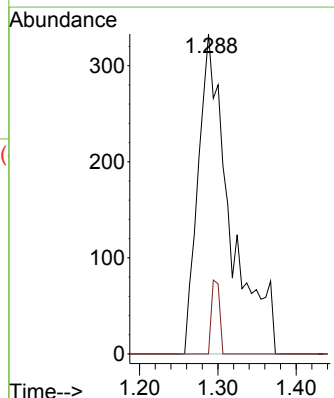
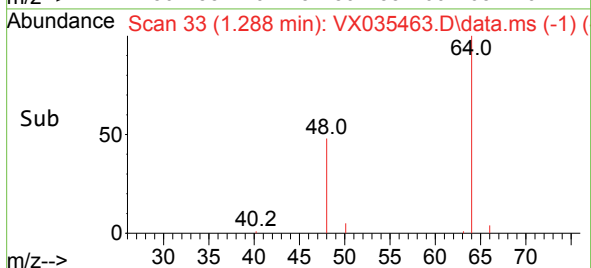
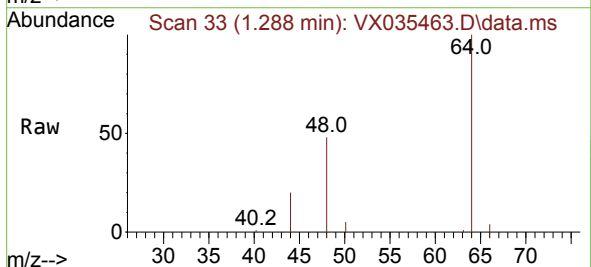


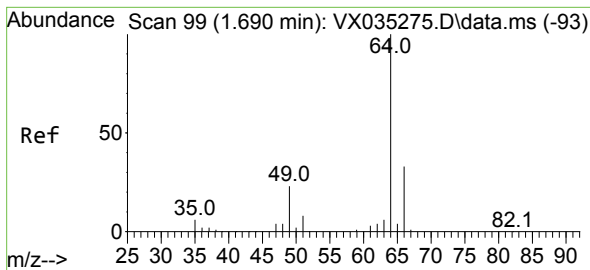
Tgt Ion:168 Resp: 223810
Ion Ratio Lower Upper
168 100
99 57.3 45.7 68.5



#3
Chloromethane
Concen: 0.436 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Tgt Ion: 50 Resp: 939
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

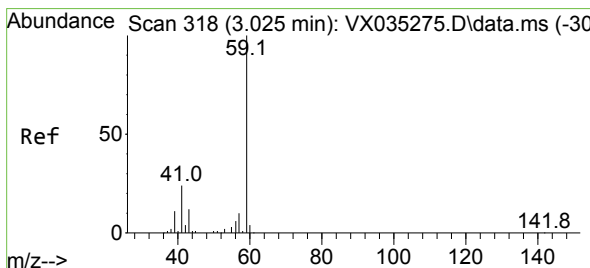
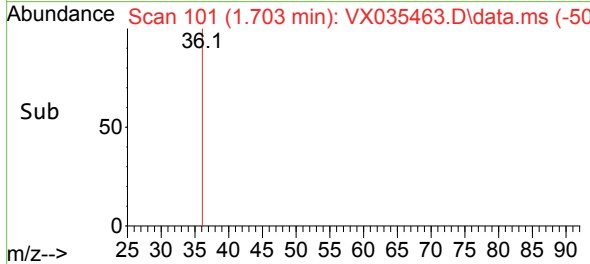
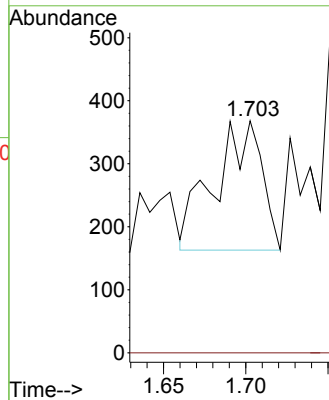
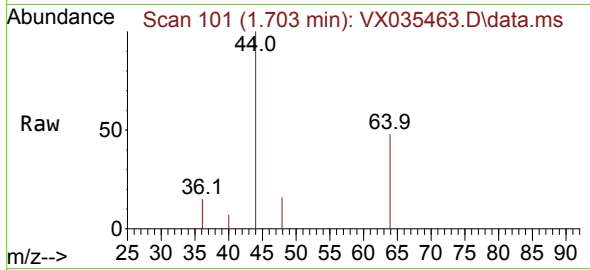




#6
Chloroethane
Concen: 0.325 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.013 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

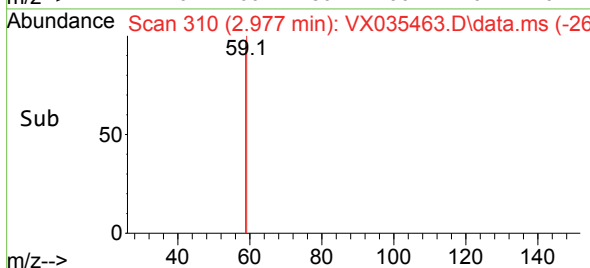
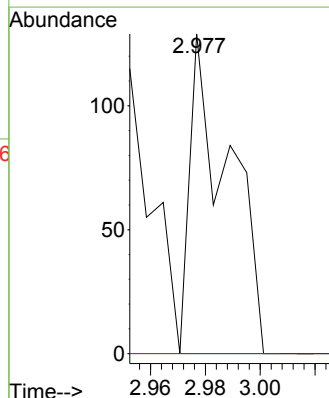
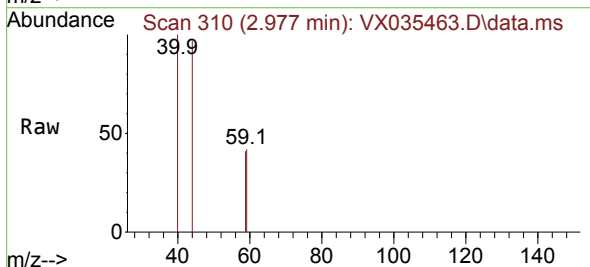
Instrument :
MSVOA_X
ClientSampleId :

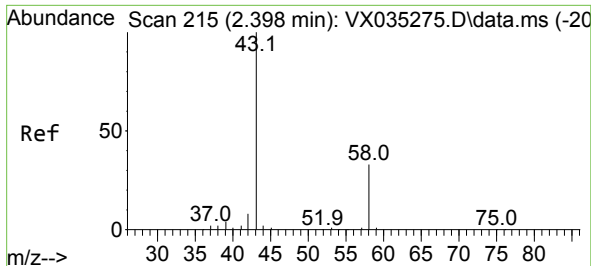
Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.258 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.048 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

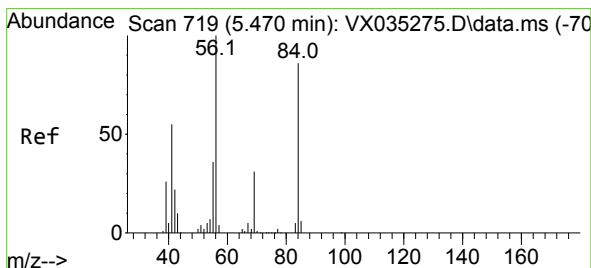
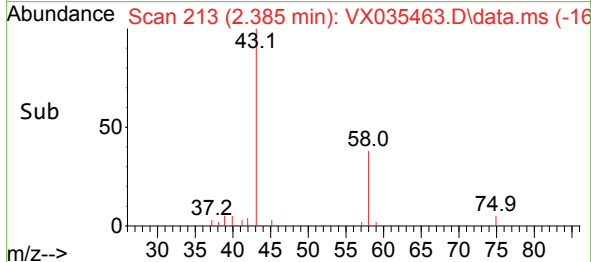
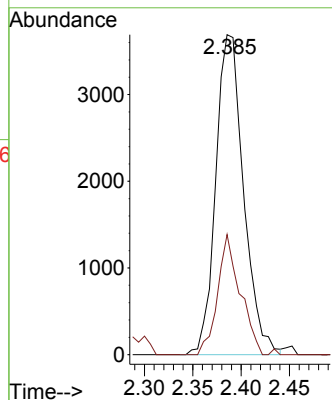
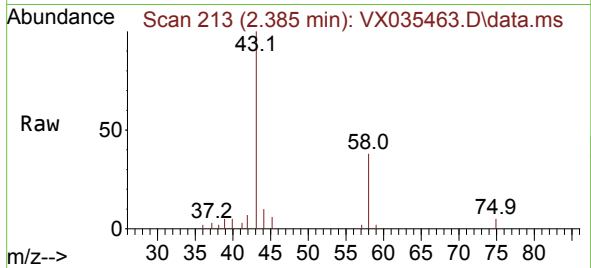




#16
Acetone
Concen: 6.299 ug/l
RT: 2.385 min Scan# 215
Delta R.T. -0.013 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

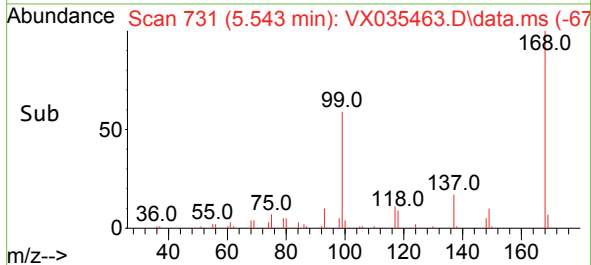
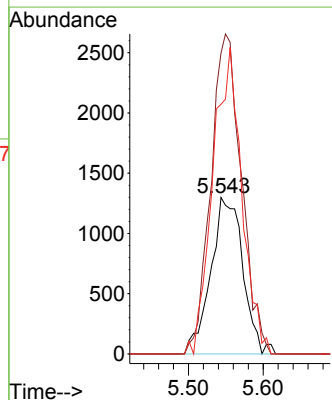
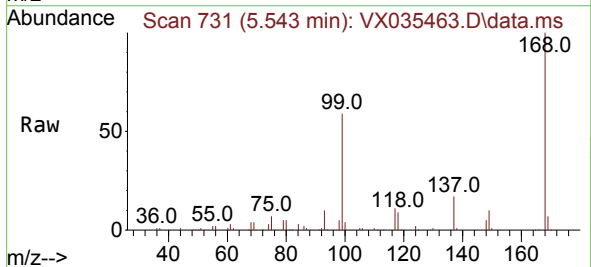
Instrument :
MSVOA_X
ClientSampleId :

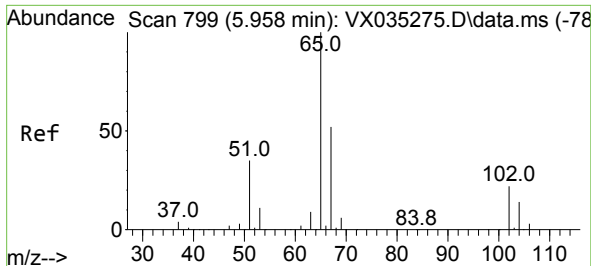
Tgt Ion: 43 Resp: 7387
Ion Ratio Lower Upper
43 100
58 37.5 24.7 37.1#



#31
Cyclohexane
Concen: 1.011 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Tgt Ion: 56 Resp: 3874
Ion Ratio Lower Upper
56 100
69 192.1 23.7 35.5#
84 159.5 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.338 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035463.D

Acq: 02 May 2023 01:12

Instrument :

MSVOA_X

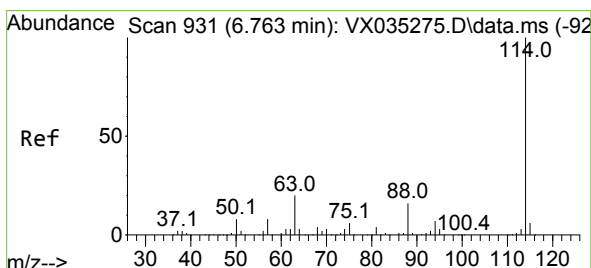
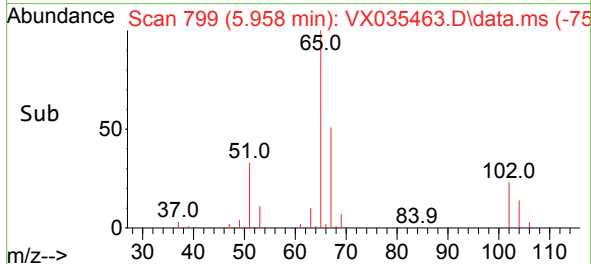
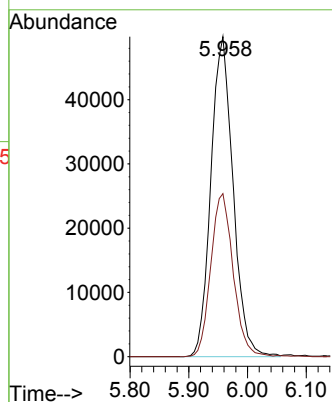
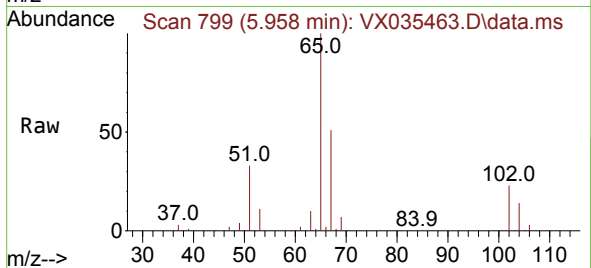
ClientSampleId :

Tgt Ion: 65 Resp: 130520

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035463.D

Acq: 02 May 2023 01:12

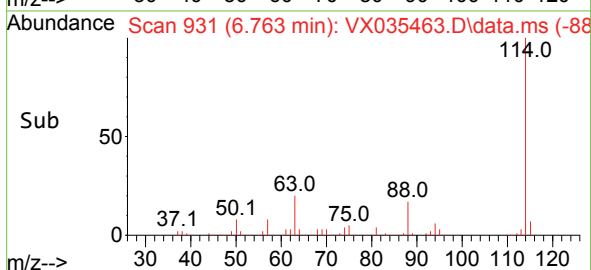
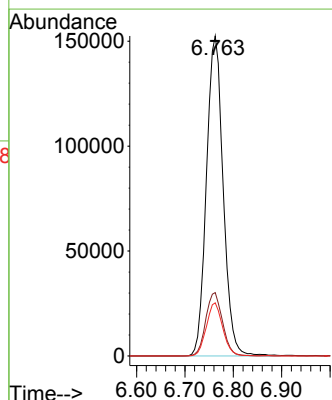
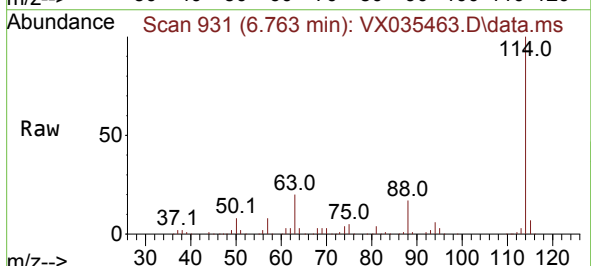
Tgt Ion: 114 Resp: 366697

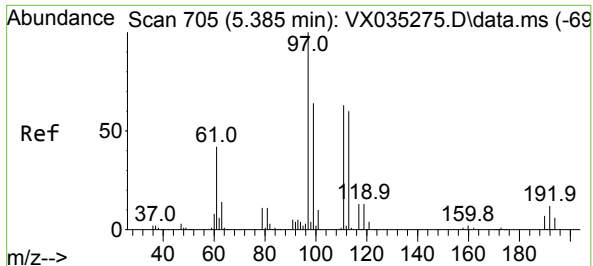
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

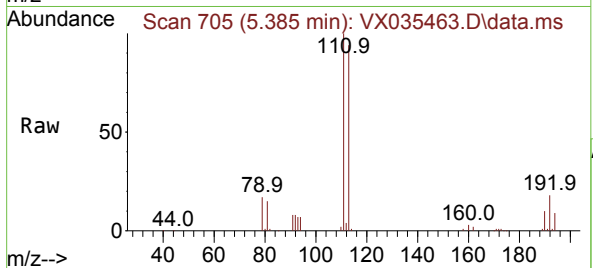
88 16.6 0.0 33.2



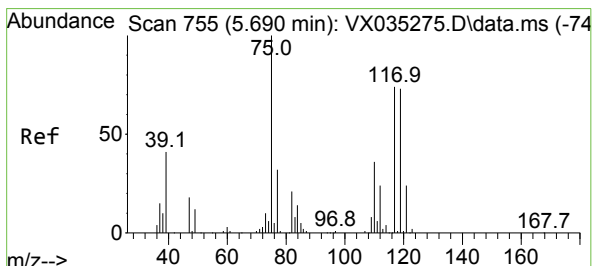
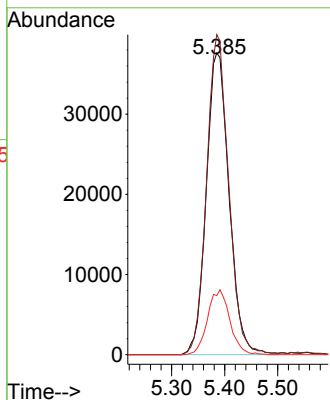
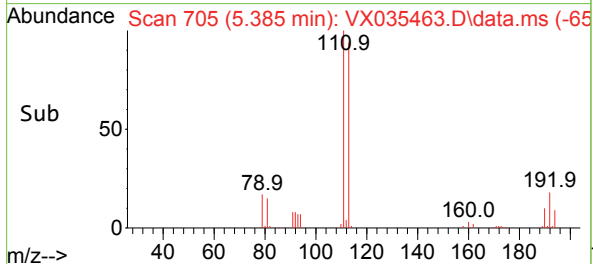


#35
Dibromofluoromethane
Concen: 49.911 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

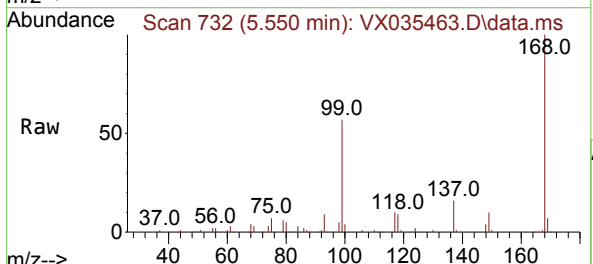
Instrument :
MSVOA_X
ClientSampleId :



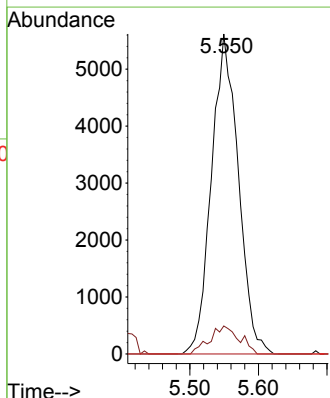
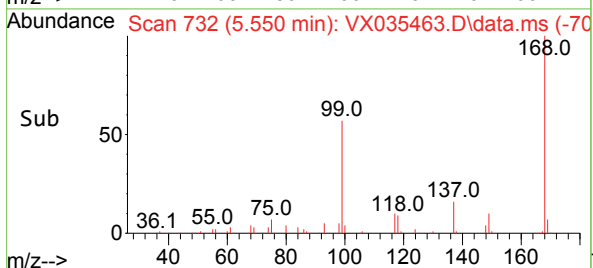
Tgt Ion:113 Resp: 112334
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 21.1 15.4 23.2

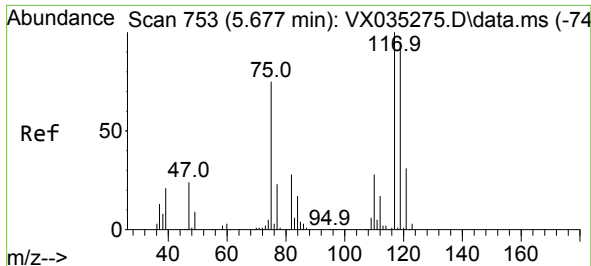


#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12



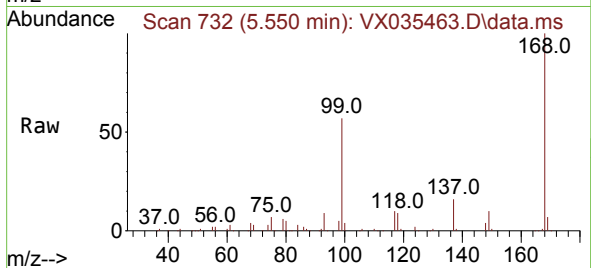
Tgt Ion: 75 Resp: 15270
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



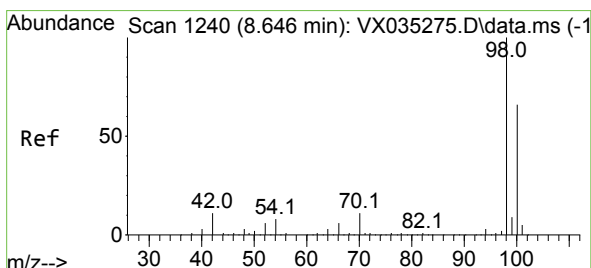
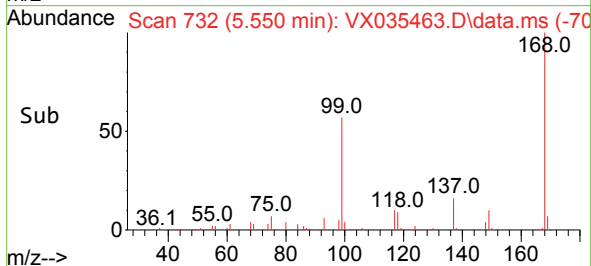
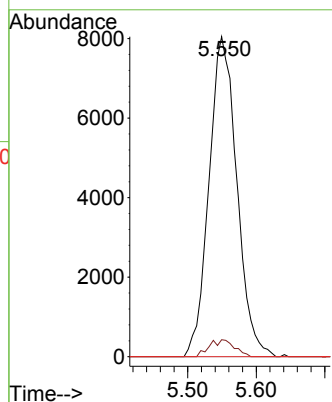


#38
Carbon Tetrachloride
Concen: 6.804 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Instrument :
MSVOA_X
ClientSampleId :

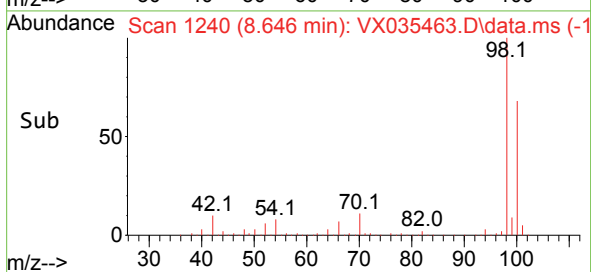
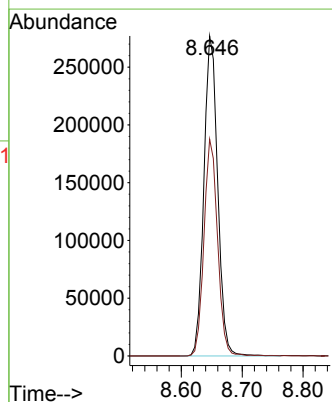
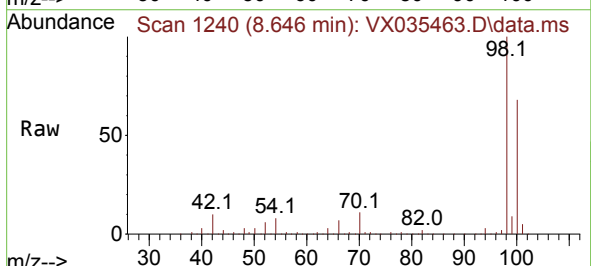


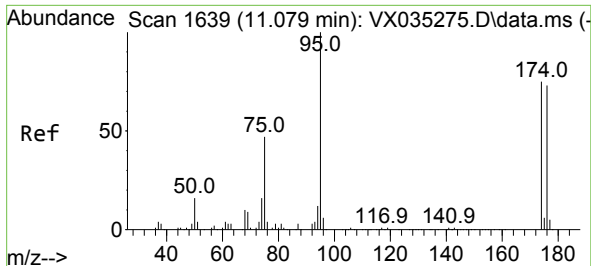
Tgt Ion:117 Resp: 22699
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.418 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Tgt Ion: 98 Resp: 436554
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.468 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035463.D

Acq: 02 May 2023 01:12

Instrument :

MSVOA_X

ClientSampleId :

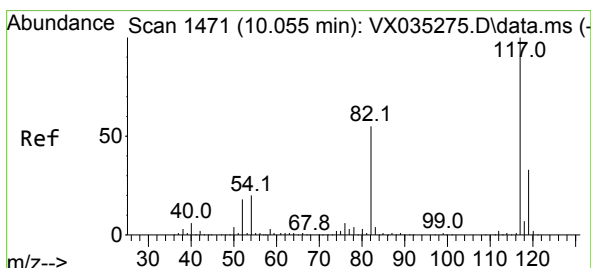
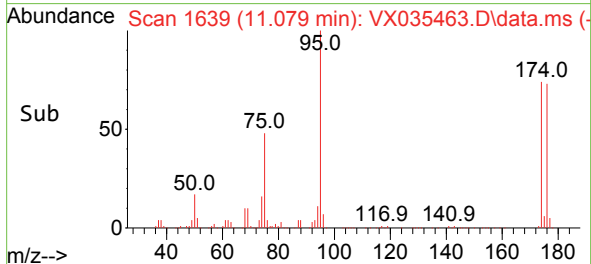
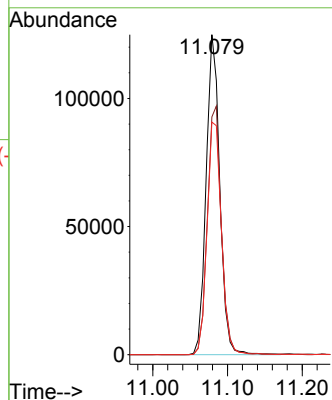
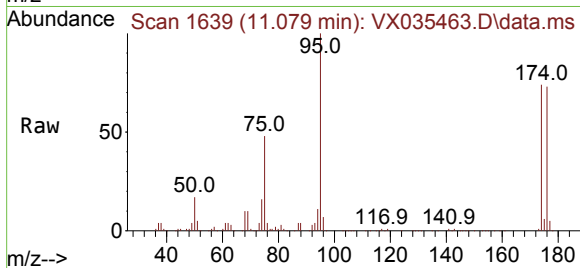
Tgt Ion: 95 Resp: 157996

Ion Ratio Lower Upper

95 100

174 79.8 0.0 147.4

176 76.6 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035463.D

Acq: 02 May 2023 01:12

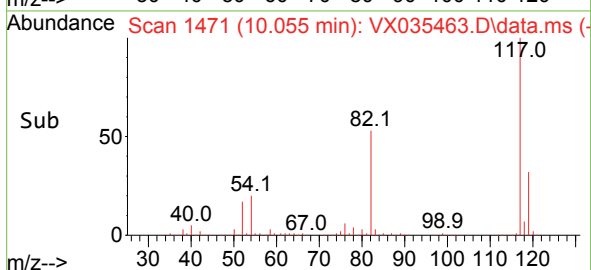
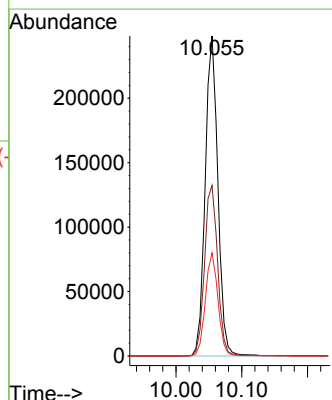
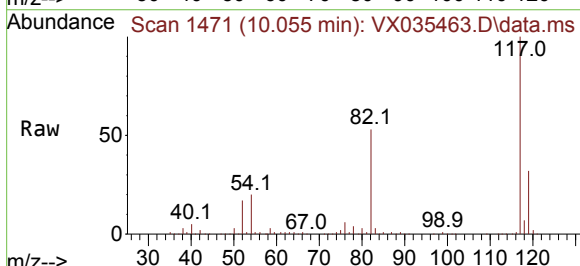
Tgt Ion: 117 Resp: 331891

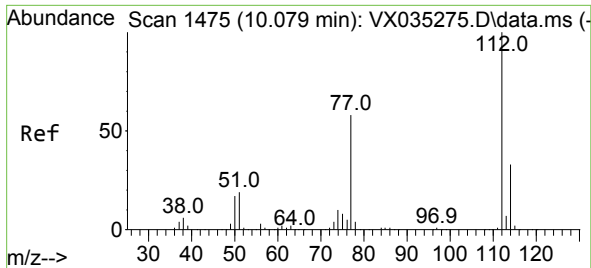
Ion Ratio Lower Upper

117 100

82 53.3 45.0 67.4

119 32.2 26.0 39.0

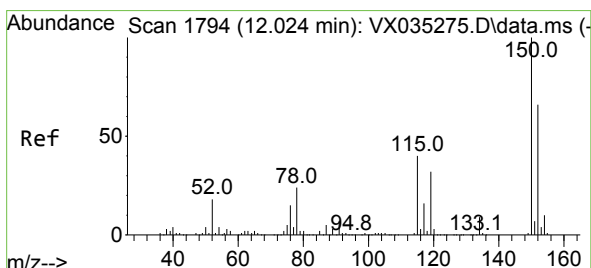
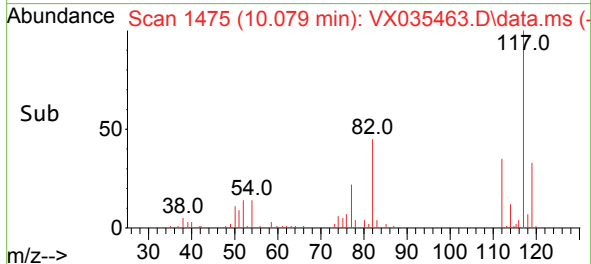
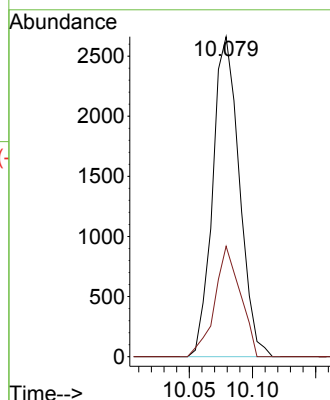
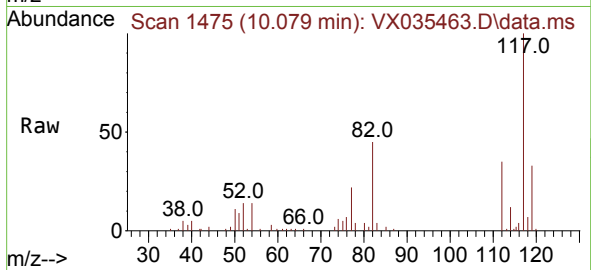




#65
Chlorobenzene
Concen: 0.543 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

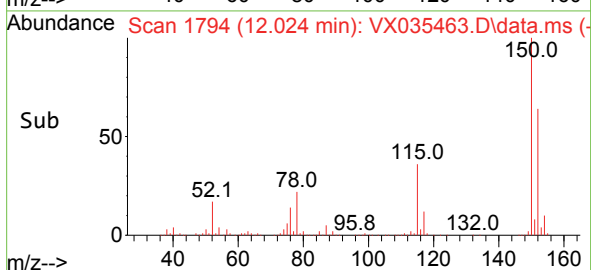
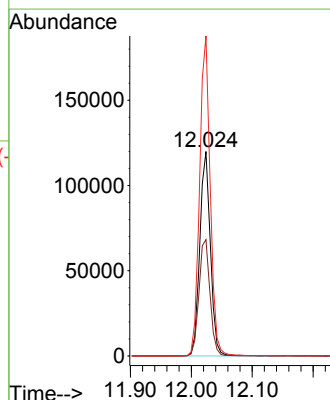
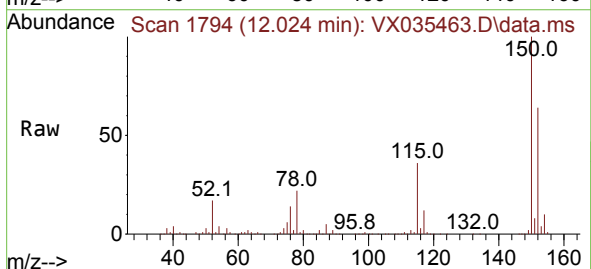
Instrument :
MSVOA_X
ClientSampleId :

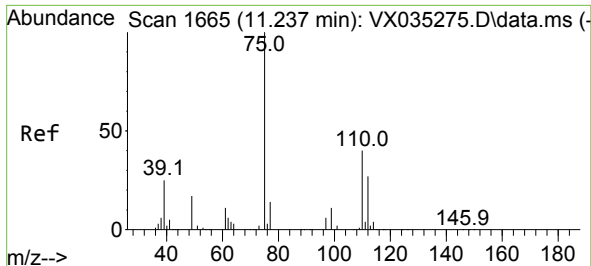
Tgt Ion:112 Resp: 3900
Ion Ratio Lower Upper
112 100
114 34.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Tgt Ion:152 Resp: 145325
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 156.2 0.0 352.4

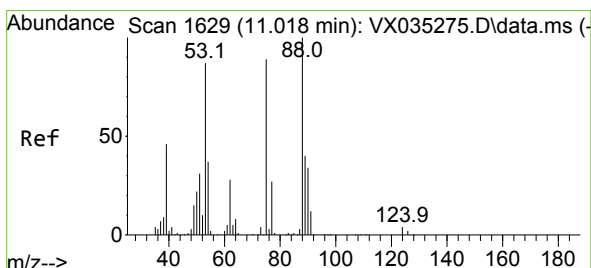
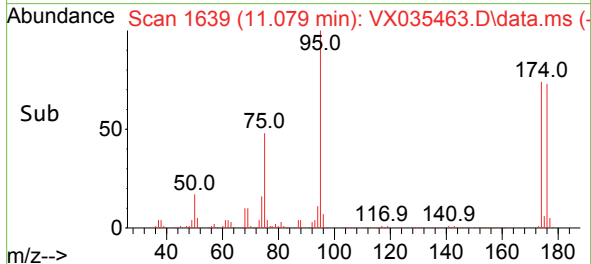
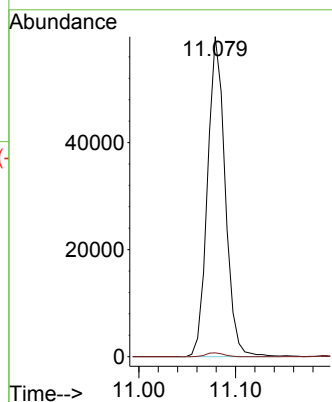
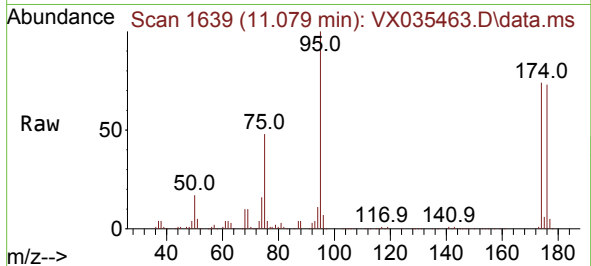




#76
1,2,3-Trichloropropane
Concen: 26.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

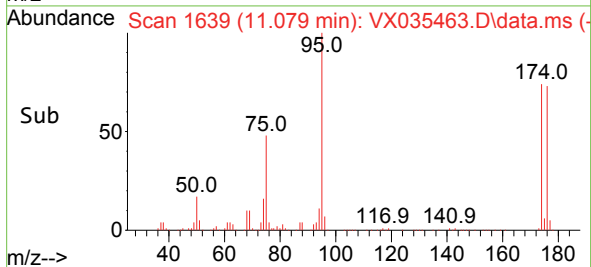
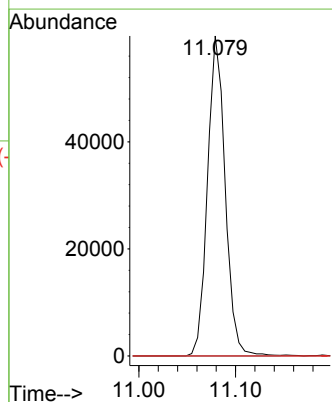
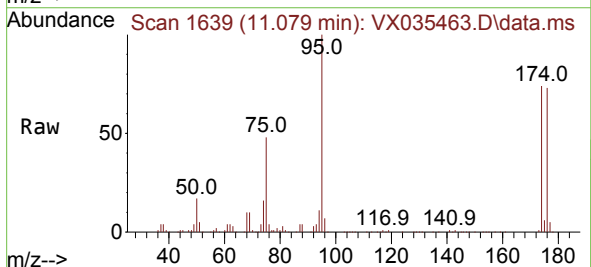
Instrument :
MSVOA_X
ClientSampleId :

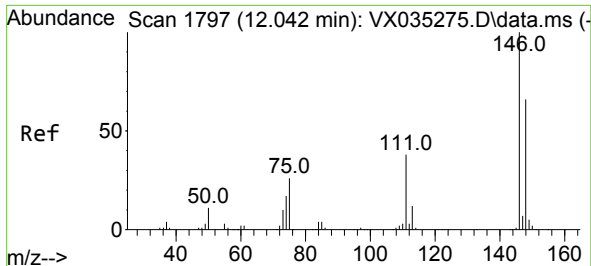
Tgt Ion: 75 Resp: 76073
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035463.D
Acq: 02 May 2023 01:12

Tgt Ion: 75 Resp: 76073
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#88

1,4-Dichlorobenzene

Concen: 0.367 ug/l

RT: 12.042 min Scan# 1

Delta R.T. 0.000 min

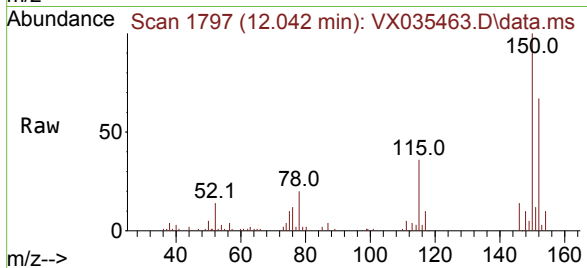
Lab File: VX035463.D

Acq: 02 May 2023 01:12

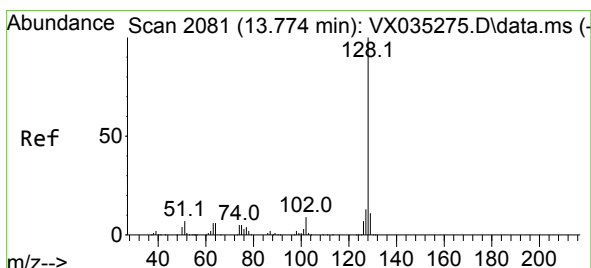
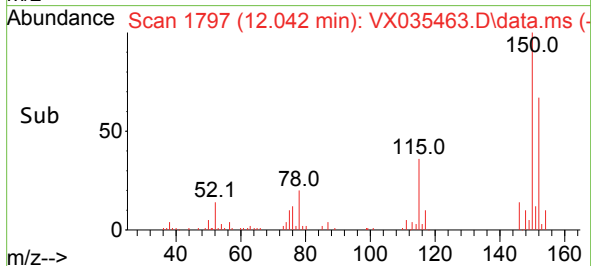
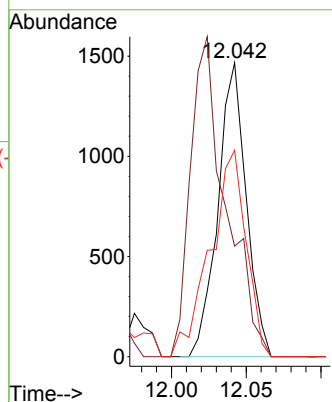
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	146	Resp:	1930
Ion Ratio	Lower	Upper	
146	100		
111	135.6	20.6	61.9#
148	88.6	31.8	95.4



#95

Naphthalene

Concen: 0.345 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035463.D

Acq: 02 May 2023 01:12

Tgt Ion:	128	Resp:	3347
Ion Ratio	Lower	Upper	
128	100		
127	15.7	10.2	15.4#
129	11.8	8.6	13.0

