

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035055.D
 Acq On : 13 Apr 2023 11:26
 Operator : JC/MD
 Sample : VX0414MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBL01

Quant Time: Apr 14 05:40:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

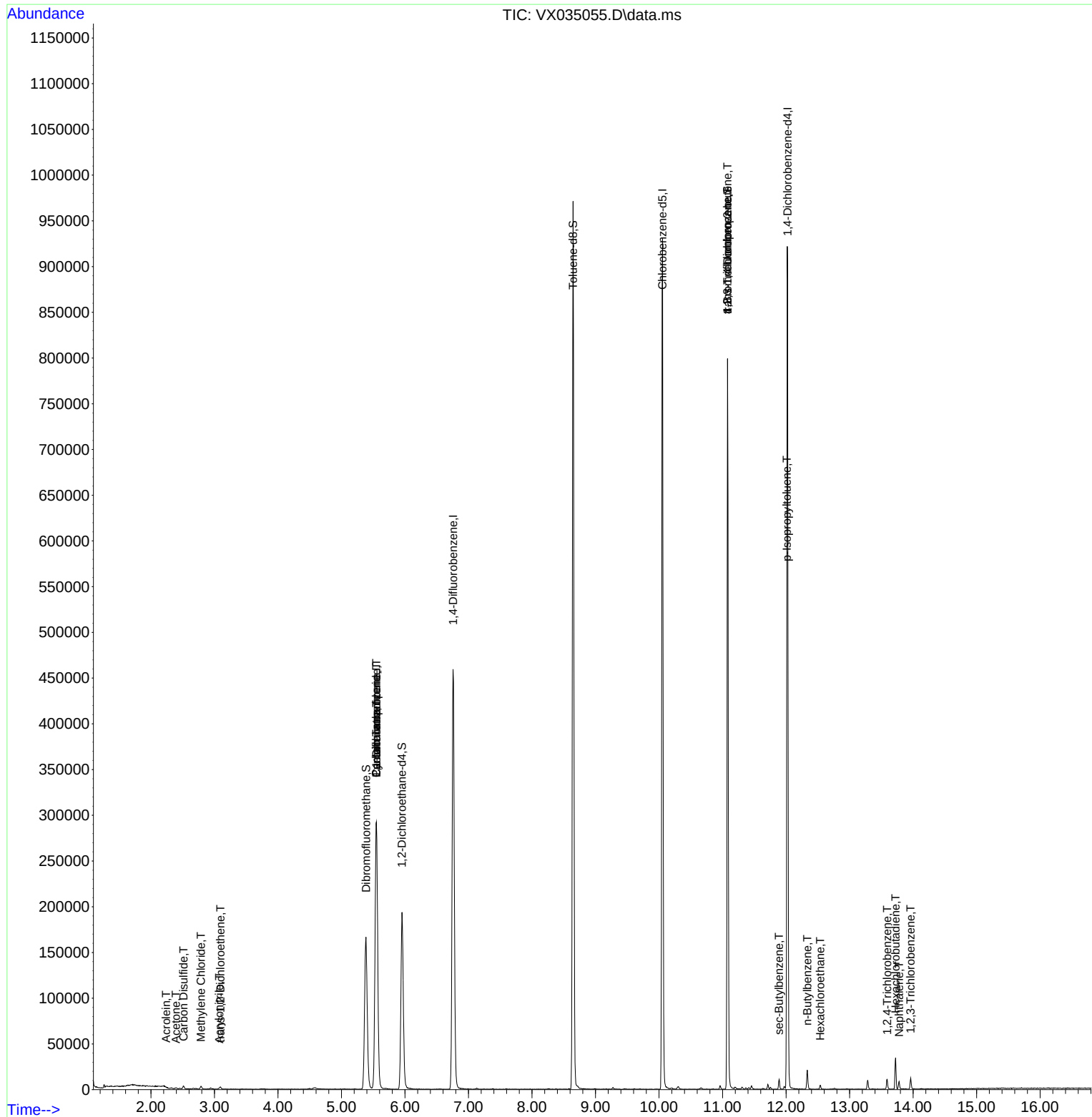
Internal Standards						
1) Pentafluorobenzene	5.550	168	279704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	473526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185486	43.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.385	113	145282	46.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	562862	48.689	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	215081	48.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.160%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	686	0.888	ug/l	98
15) Acrylonitrile	3.075	53	854	0.506	ug/l	90
16) Acetone	2.392	43	1149	0.661	ug/l	98
17) Carbon Disulfide	2.514	76	3794	0.528	ug/l	97
20) Methylene Chloride	2.788	84	1355	0.395	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	747	0.239	ug/l #	71
31) Cyclohexane	5.550	56	6325	1.214	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23450	5.054	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29612	6.769	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	108749	27.586	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	108749	82.674	ug/l #	8
85) sec-Butylbenzene	11.890	105	5857	0.428	ug/l	99
86) p-Isopropyltoluene	12.012	119	4681	0.410	ug/l	82
89) n-Butylbenzene	12.335	91	8634	0.866	ug/l	97
90) Hexachloroethane	12.536	117	614	0.347	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	2844	0.776	ug/l	97
94) Hexachlorobutadiene	13.725	225	4750	2.948	ug/l	97
95) Naphthalene	13.780	128	5859	0.450	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	3207	0.868	ug/l	96

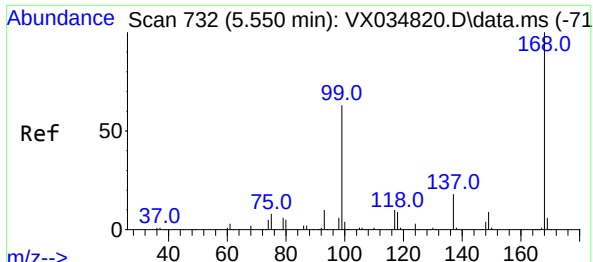
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX035055.D
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Sample : VX0414MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

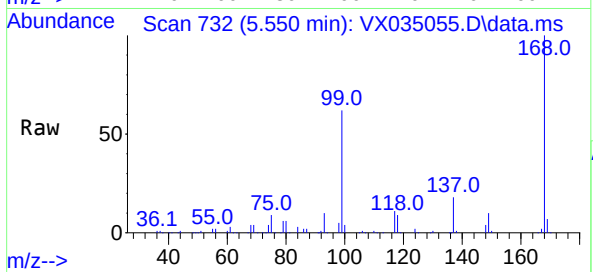
Quant Time: Apr 14 05:40:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



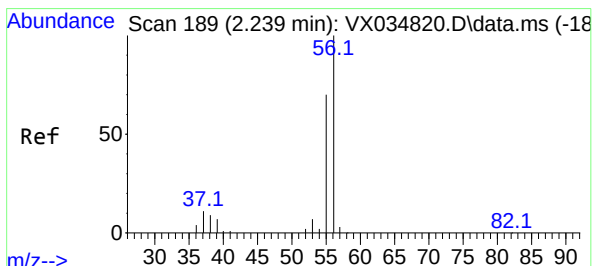
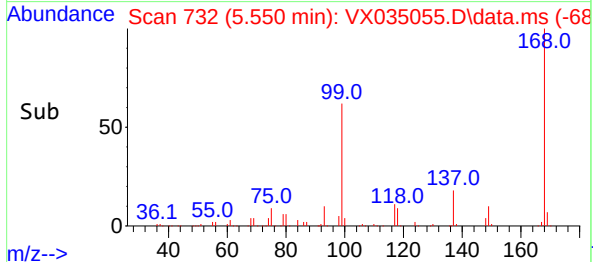
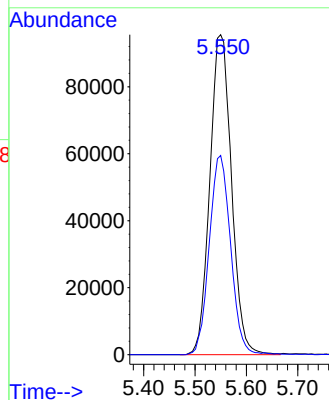


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

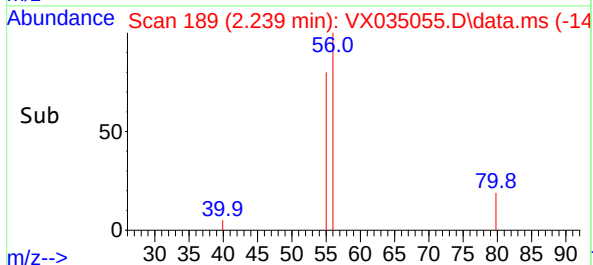
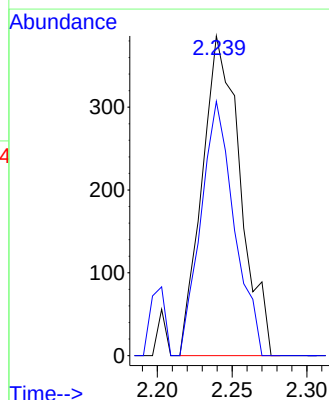
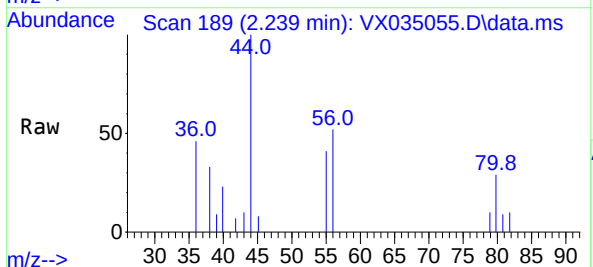


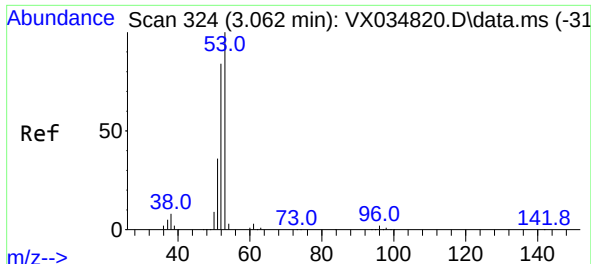
Tgt Ion:168 Resp: 279704
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5



#13
Acrolein
Concen: 0.888 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 56 Resp: 686
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0

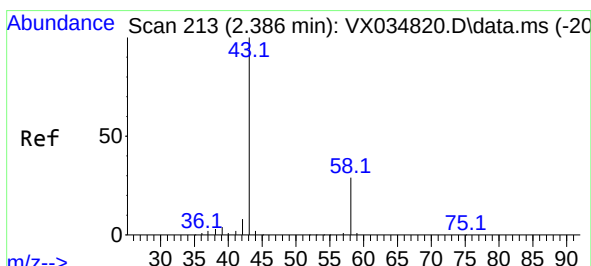
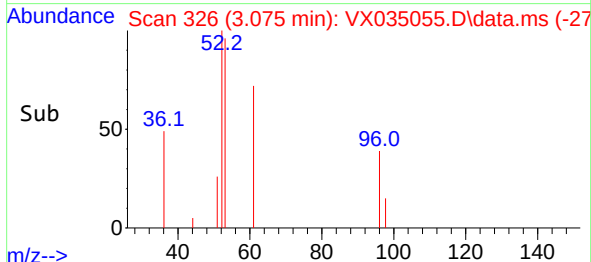
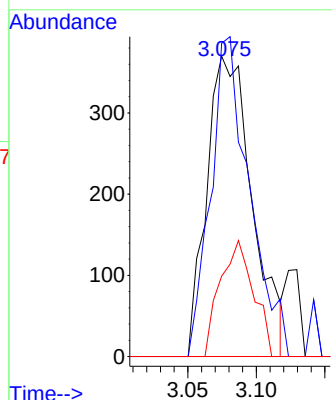
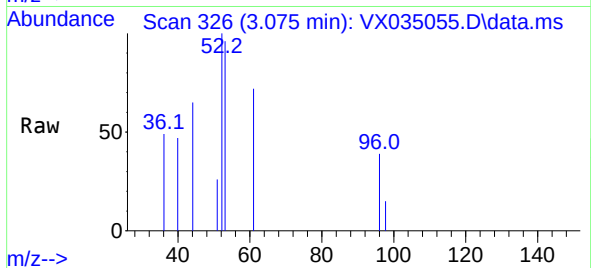




#15
Acrylonitrile
Concen: 0.506 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

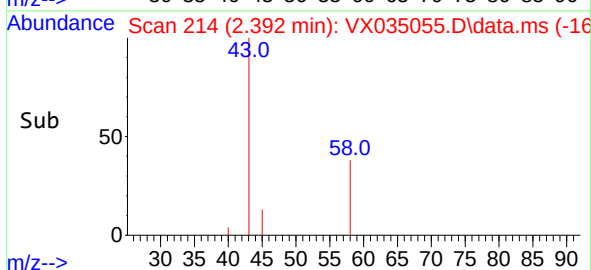
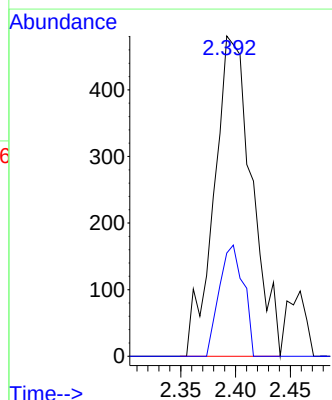
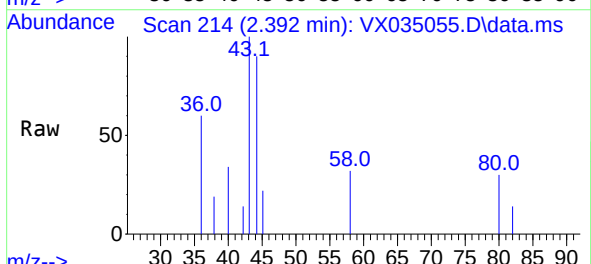
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

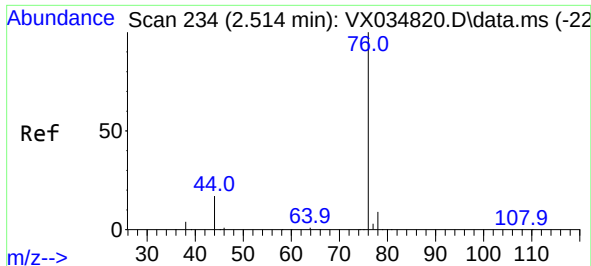
Tgt Ion: 53	Resp:	854	
Ion	Ratio	Lower	Upper
53	100		
52	90.6	66.2	99.2
51	28.5	28.3	42.5



#16
Acetone
Concen: 0.661 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 43	Resp:	1149	
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.7	37.1

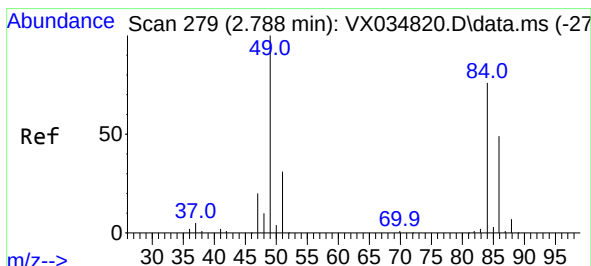
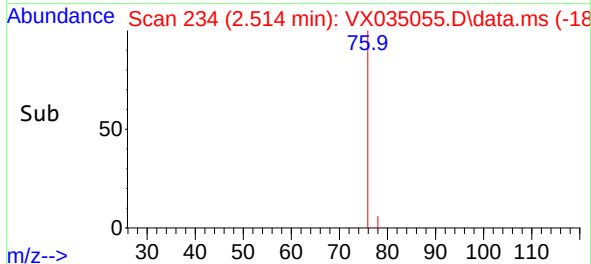
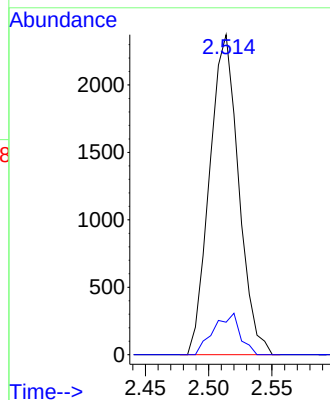
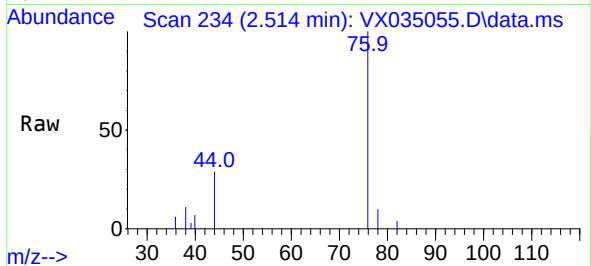




#17
Carbon Disulfide
Concen: 0.528 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

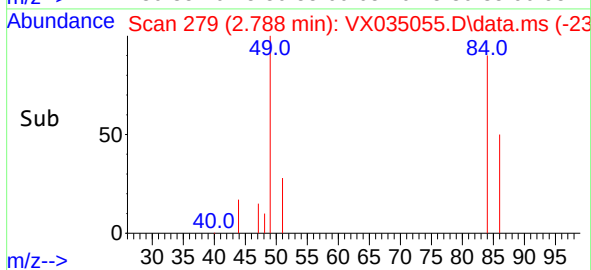
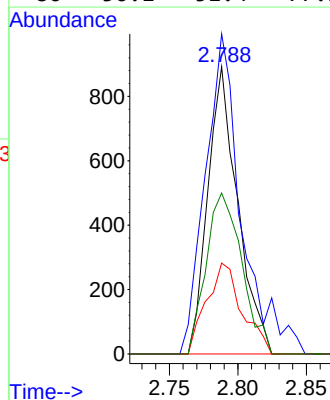
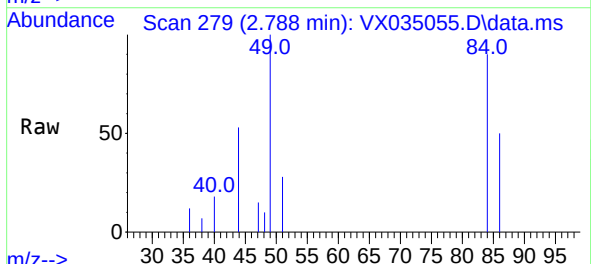
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

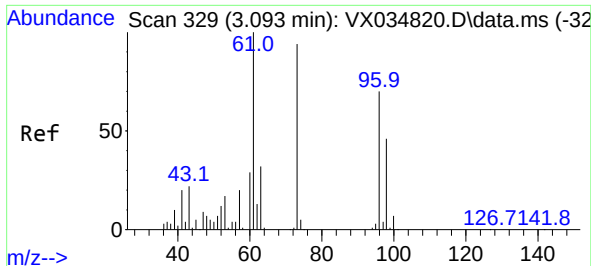
Tgt Ion: 76 Resp: 3794
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#20
Methylene Chloride
Concen: 0.395 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 84 Resp: 1355
Ion Ratio Lower Upper
84 100
49 111.4 103.8 155.8
51 31.6 31.8 47.8#
86 56.1 51.4 77.2

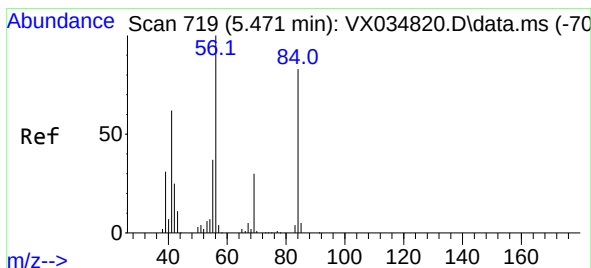
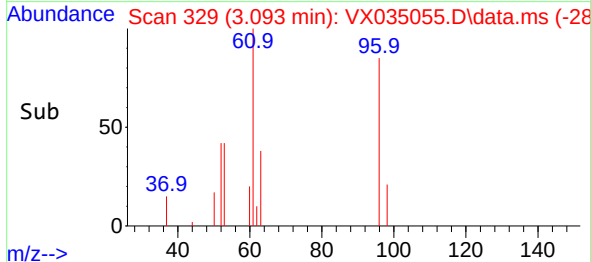
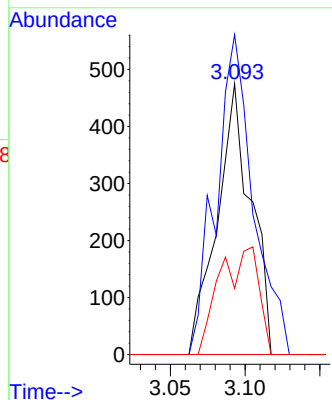
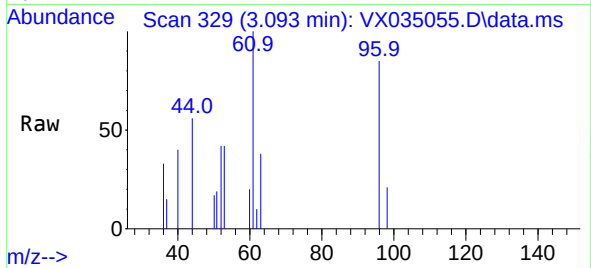




#21
trans-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

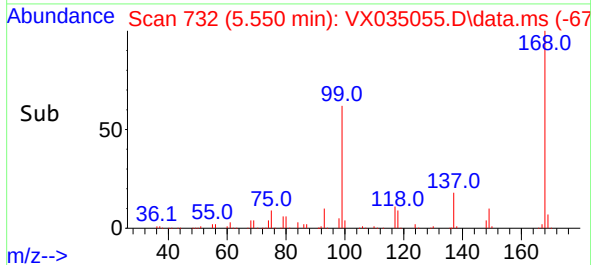
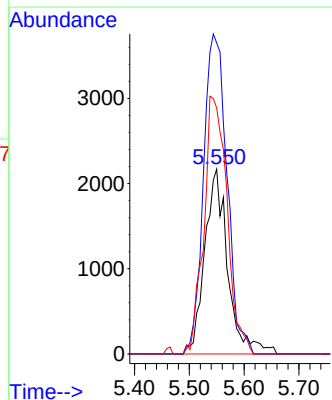
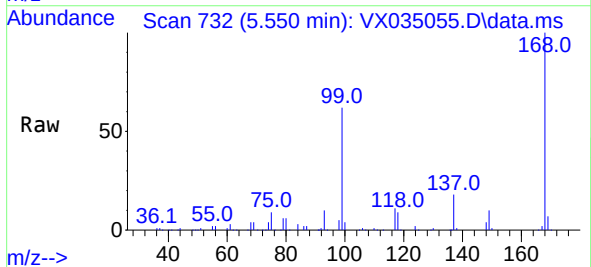
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

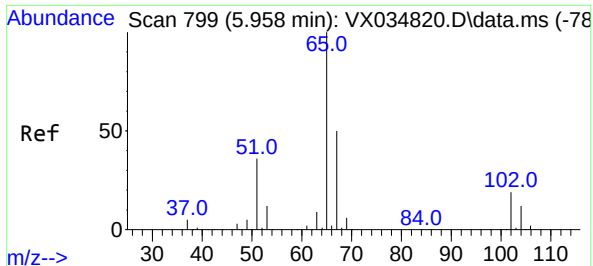
Tgt Ion: 96 Resp: 747
Ion Ratio Lower Upper
96 100
61 118.1 113.0 169.6
98 24.4 52.1 78.1#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 56 Resp: 6325
Ion Ratio Lower Upper
56 100
69 168.3 23.7 35.5#
84 133.1 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 43.361 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX035055.D

Acq: 13 Apr 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

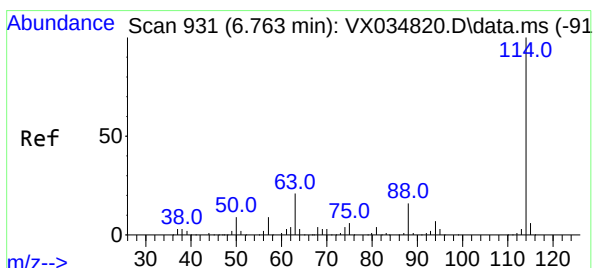
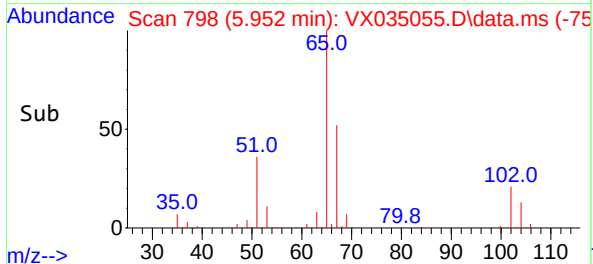
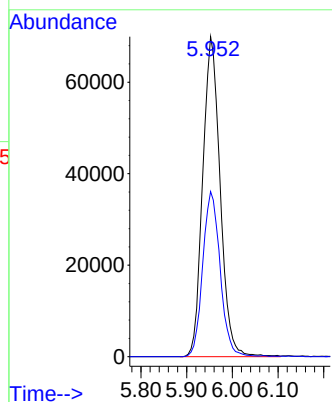
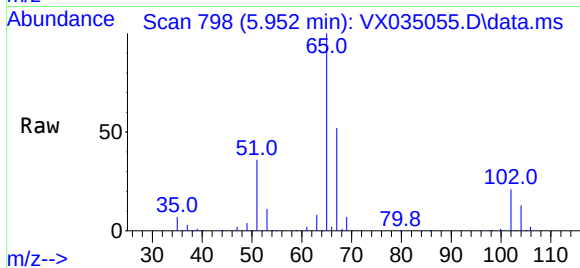
VX0414MBL01

Tgt Ion: 65 Resp: 185486

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035055.D

Acq: 13 Apr 2023 11:26

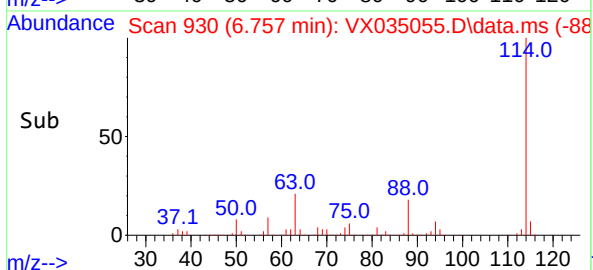
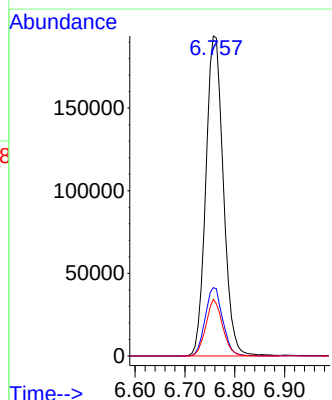
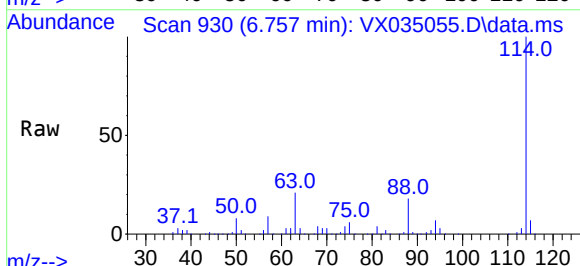
Tgt Ion: 114 Resp: 473526

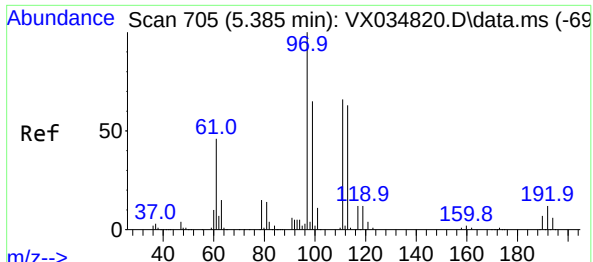
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

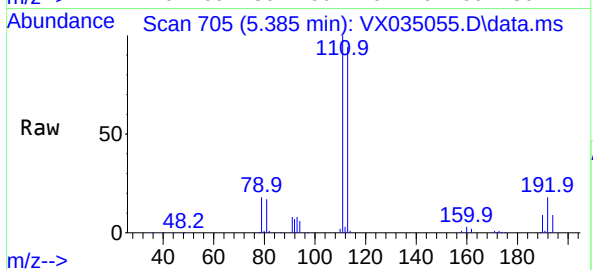
88 17.7 0.0 33.2



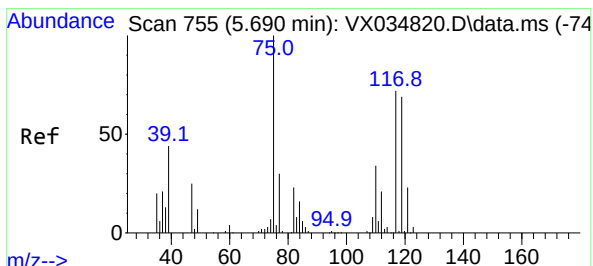
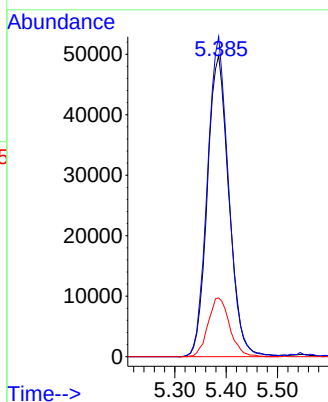
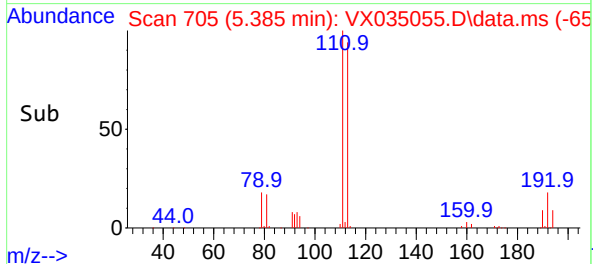


#35
Dibromofluoromethane
Concen: 46.386 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

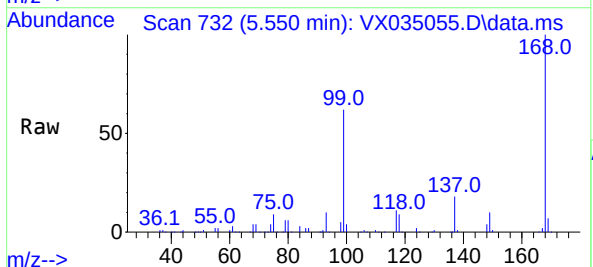
Instrument :
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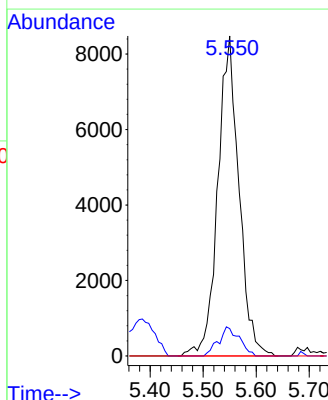
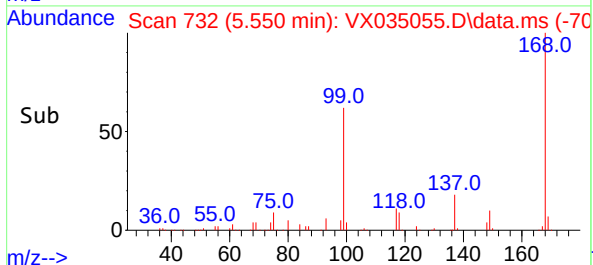
Tgt Ion:113 Resp: 145282
Ion Ratio Lower Upper
113 100
111 104.4 83.7 125.5
192 19.5 15.4 23.2

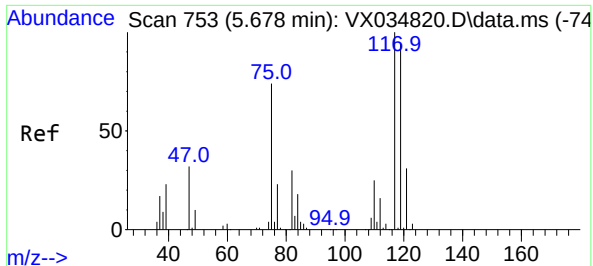


#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26



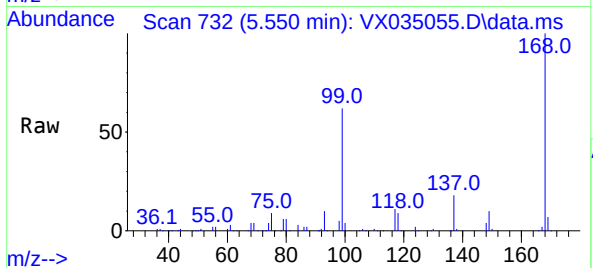
Tgt Ion: 75 Resp: 23450
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



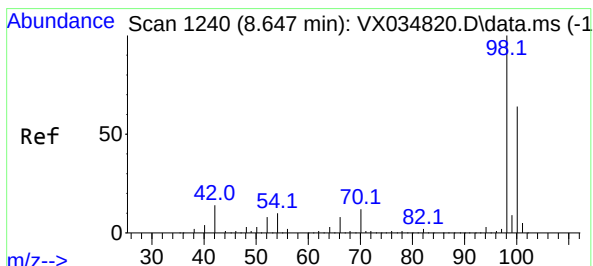
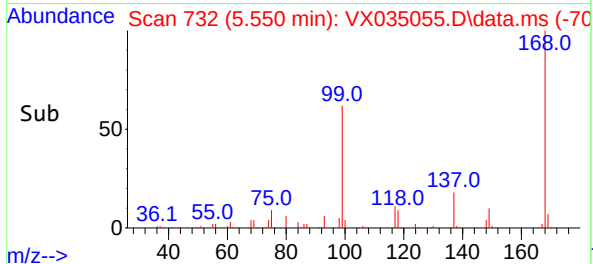
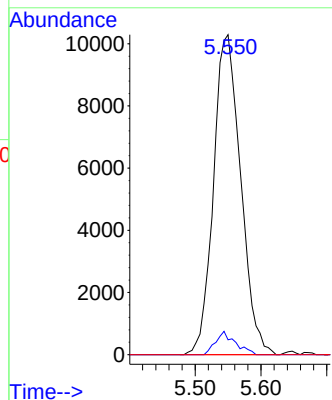


#38
Carbon Tetrachloride
Concen: 6.769 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

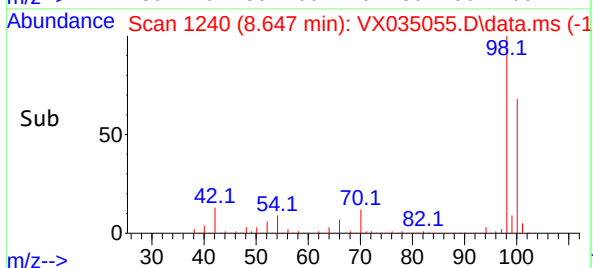
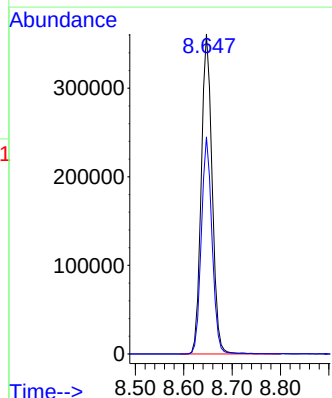
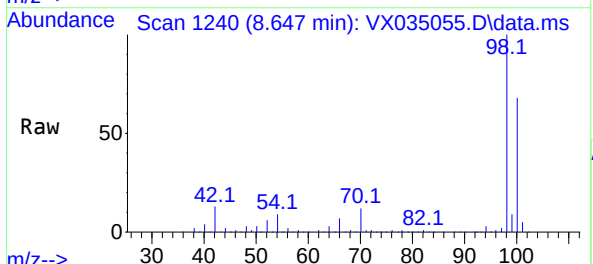


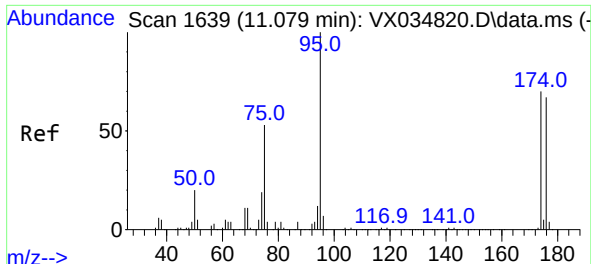
Tgt Ion:117 Resp: 29612
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.689 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 98 Resp: 562862
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

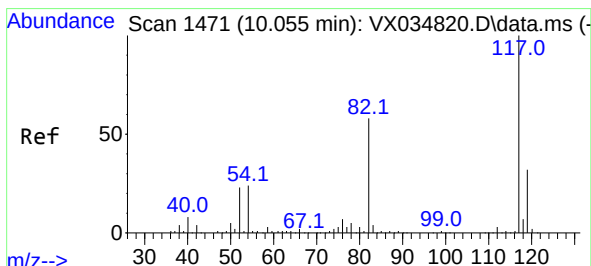
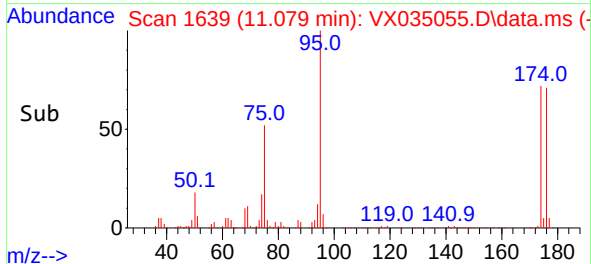
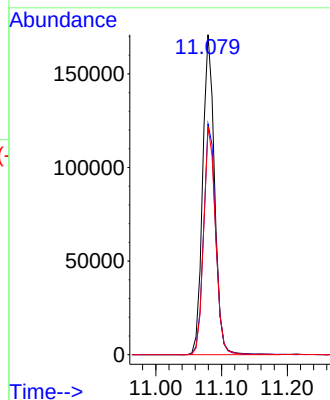
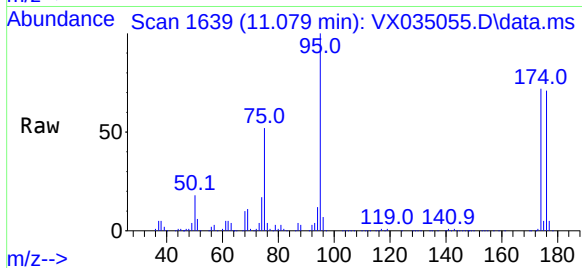




#62
4-Bromofluorobenzene
Concen: 48.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

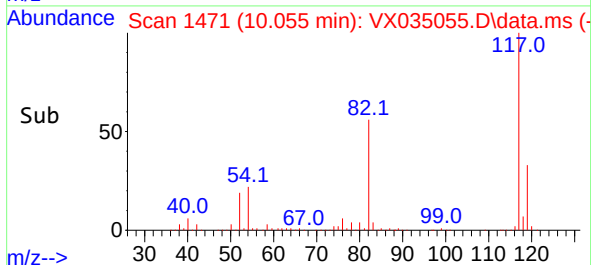
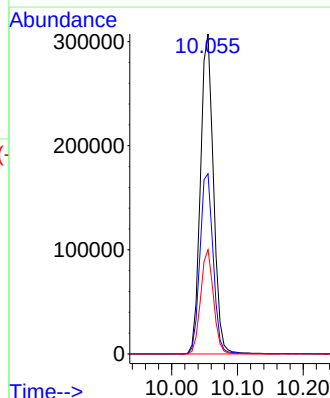
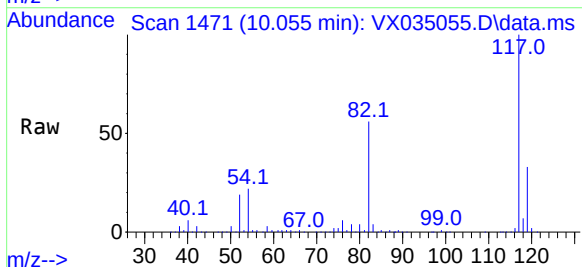
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

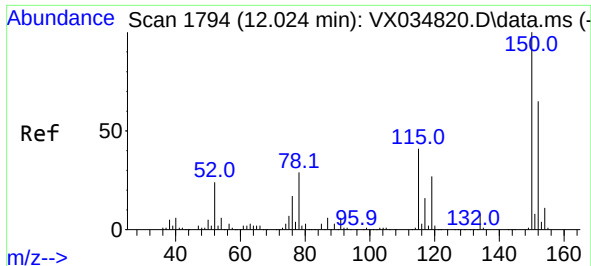
Tgt Ion: 95 Resp: 215081
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.4
176 71.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 117 Resp: 423557
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.6 26.0 39.0

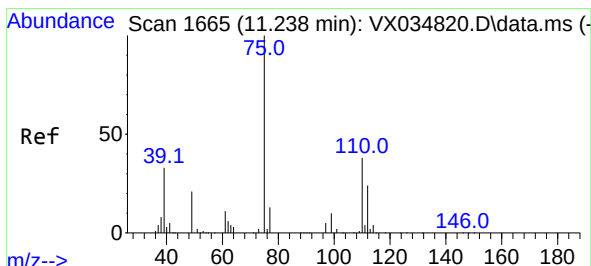
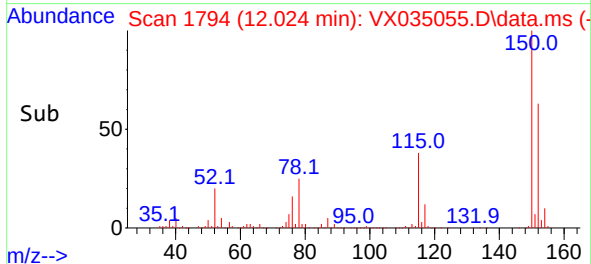
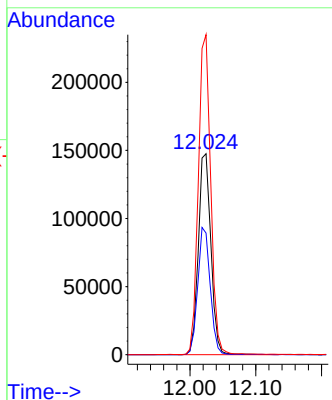
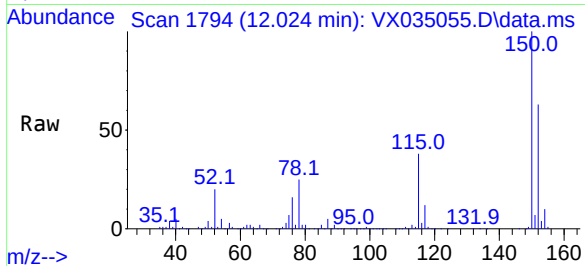




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

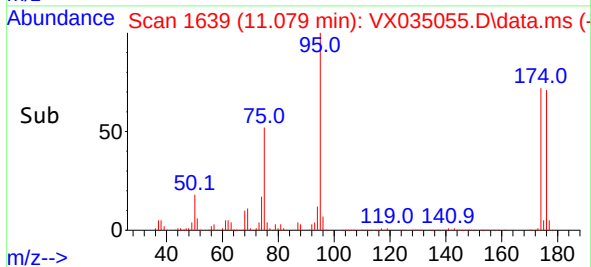
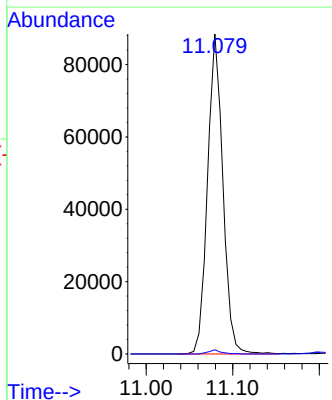
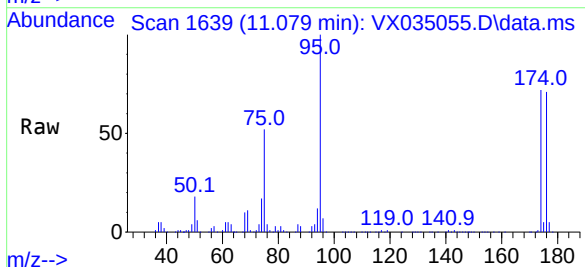
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

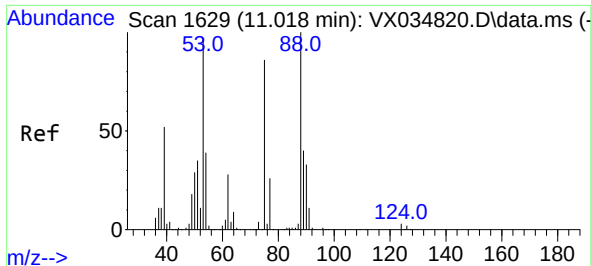
Tgt Ion:152 Resp: 195648
Ion Ratio Lower Upper
152 100
115 62.8 45.0 135.0
150 156.5 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 75 Resp: 108749
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

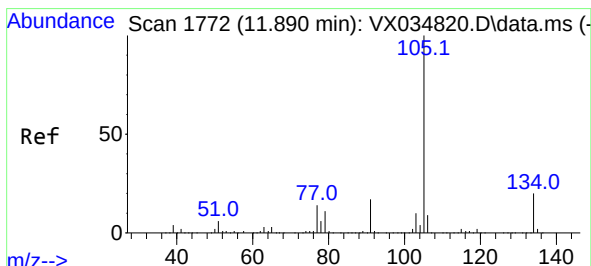
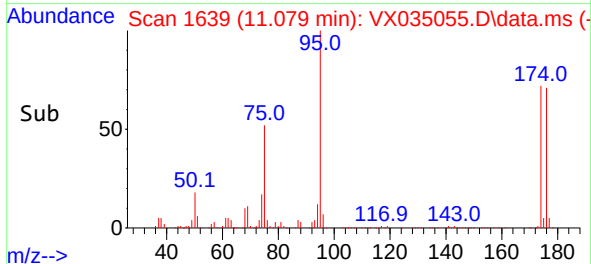
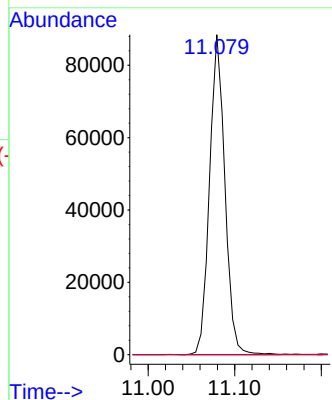
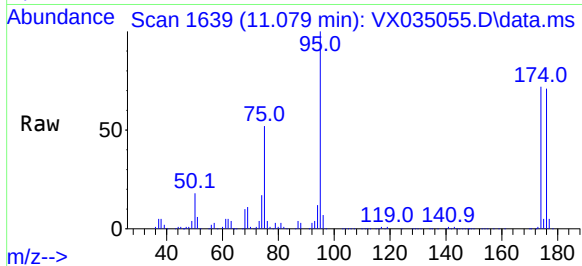




#81
trans-1,4-Dichloro-2-butene
Concen: 82.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

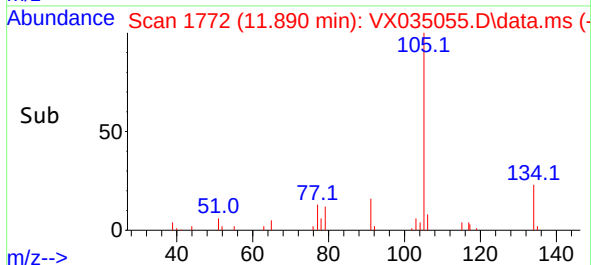
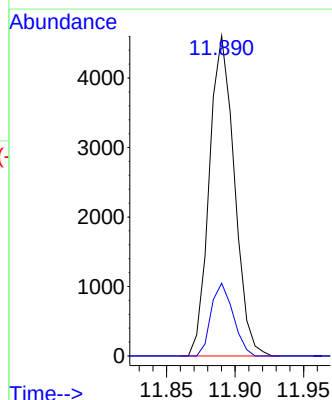
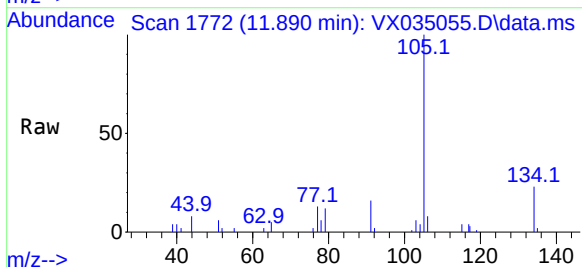
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

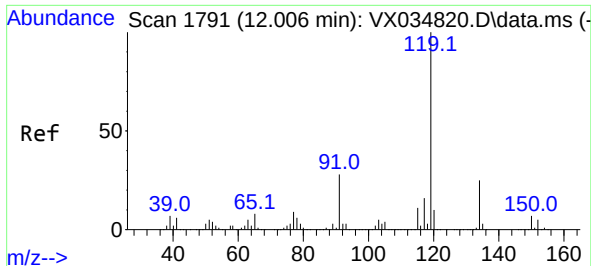
Tgt Ion: 75 Resp: 108749
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.428 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 105 Resp: 5857
Ion Ratio Lower Upper
105 100
134 20.0 10.2 30.4



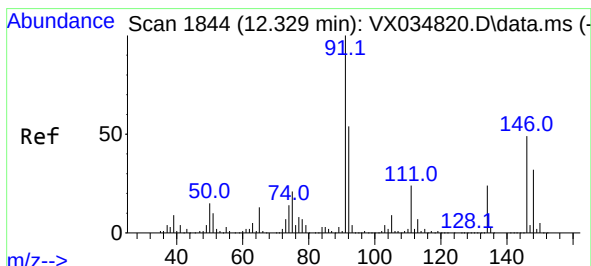
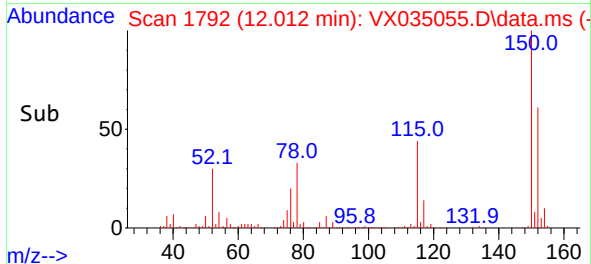
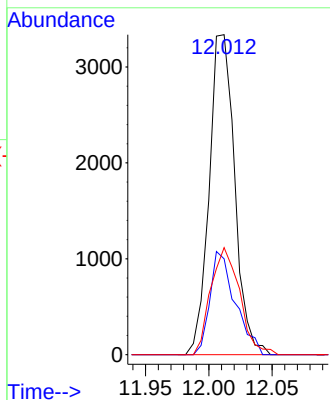
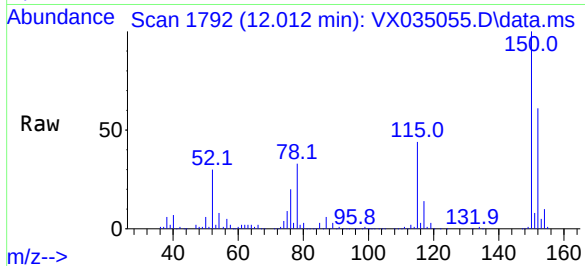


#86
p-Isopropyltoluene
Concen: 0.410 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

Tgt Ion: 119 Resp: 4681

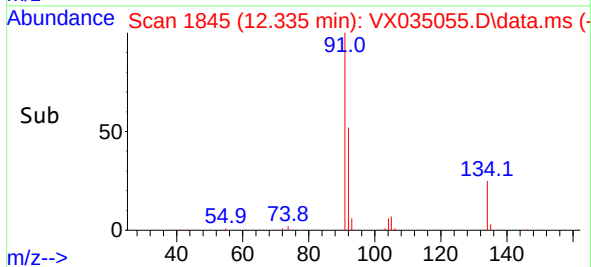
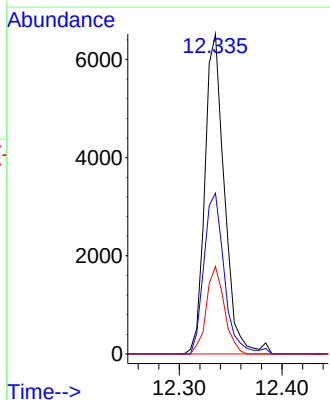
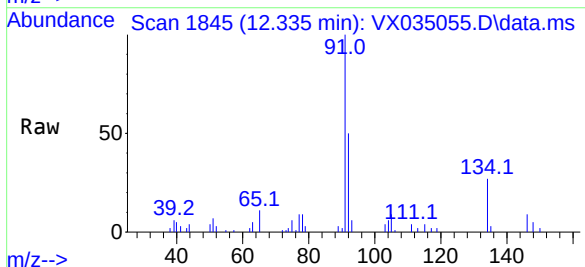
Ion	Ratio	Lower	Upper
119	100		
134	32.1	13.2	39.5
91	38.0	12.9	38.7

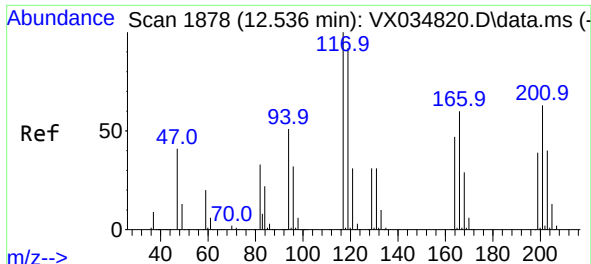


#89
n-Butylbenzene
Concen: 0.866 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion: 91 Resp: 8634

Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.7	83.0
134	25.2	13.0	38.9

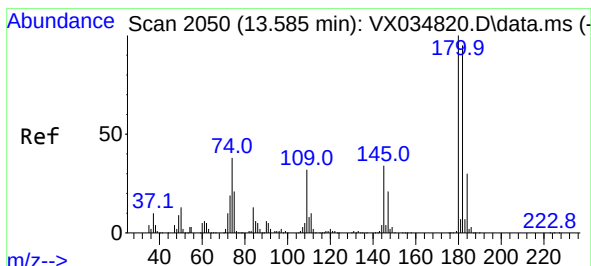
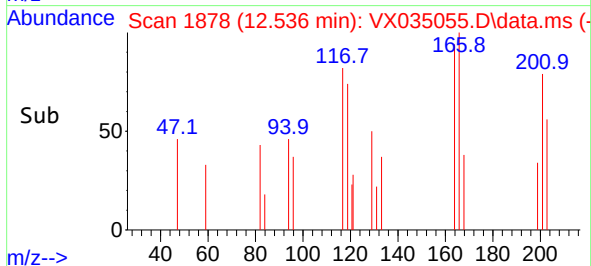
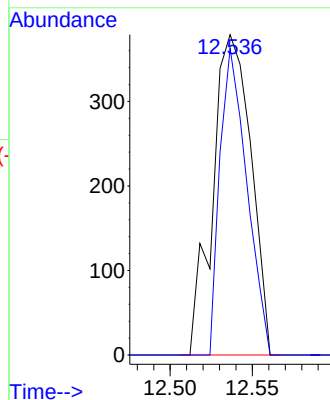
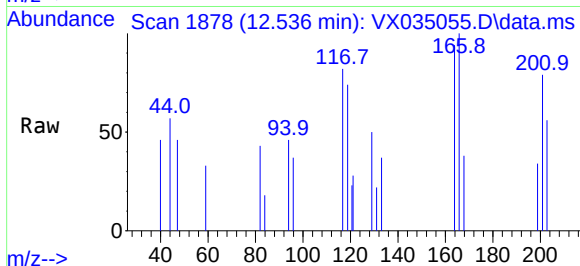




#90
Hexachloroethane
Concen: 0.347 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

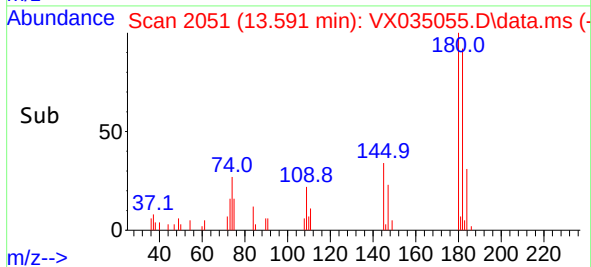
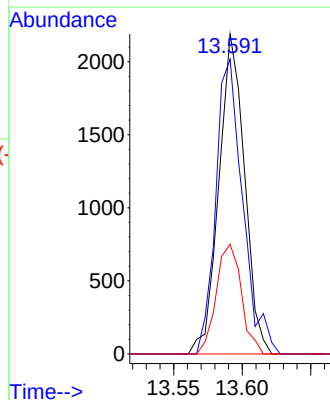
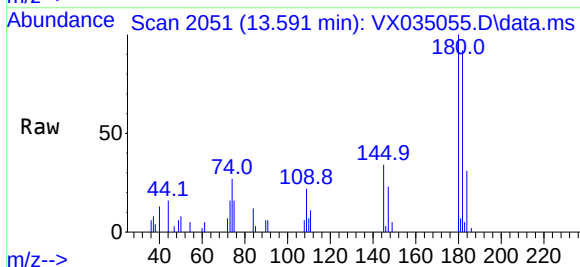
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

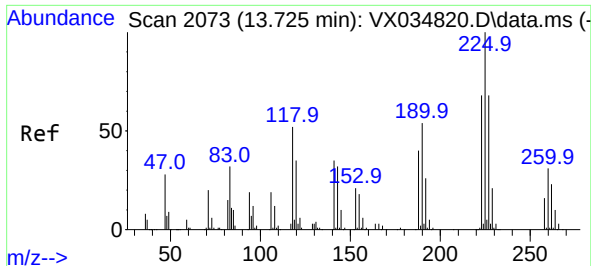
Tgt Ion:117 Resp: 614
Ion Ratio Lower Upper
117 100
201 67.3 34.4 103.1



#93
1,2,4-Trichlorobenzene
Concen: 0.776 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

Tgt Ion:180 Resp: 2844
Ion Ratio Lower Upper
180 100
182 96.6 47.0 141.0
145 33.6 15.9 47.7

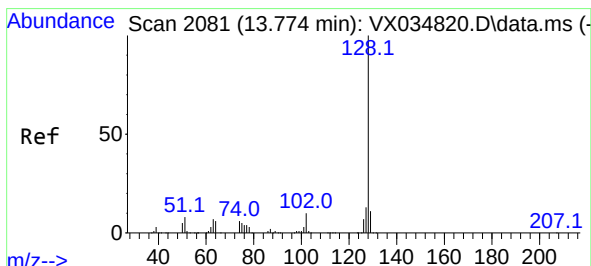
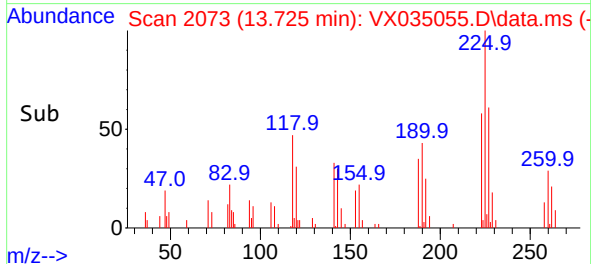
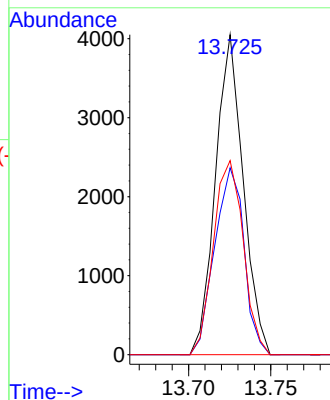
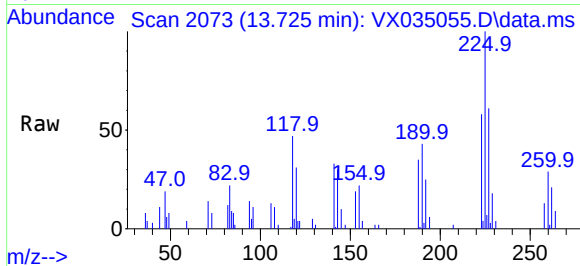




#94
Hexachlorobutadiene
Concen: 2.948 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

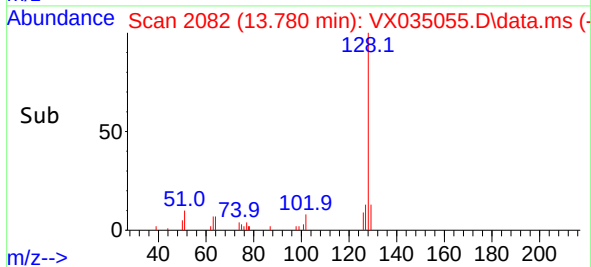
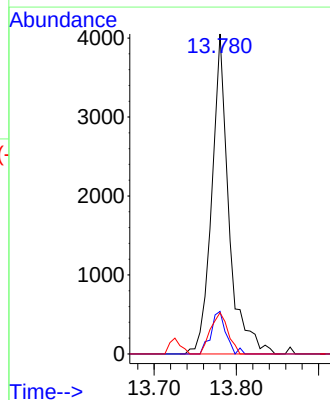
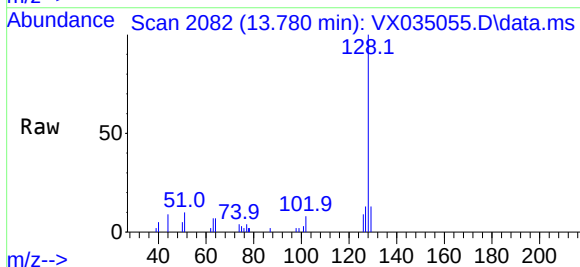
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

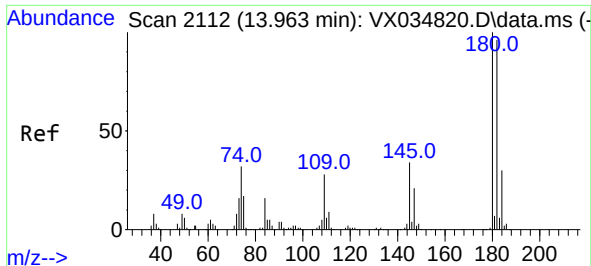
Tgt Ion:	225	Resp:	4750
Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.1	96.5
227	65.3	31.8	95.4



#95
Naphthalene
Concen: 0.450 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035055.D
Acq: 13 Apr 2023 11:26

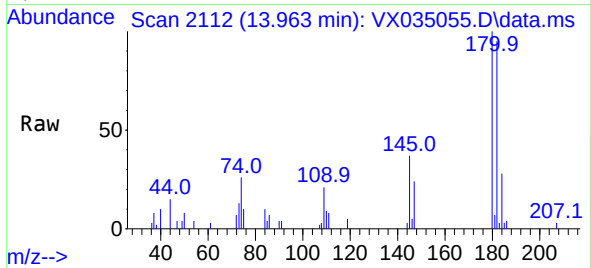
Tgt Ion:	128	Resp:	5859
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.4
129	13.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.868 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035055.D
 Acq: 13 Apr 2023 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBL01



Tgt Ion:	180	Resp:	3207
Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.2
145	32.3	17.7	53.1

