

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035070.D
 Acq On : 14 Apr 2023 09:38
 Operator : JC/MD
 Sample : VX0415MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBL01

Quant Time: Apr 17 05:04:05 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)

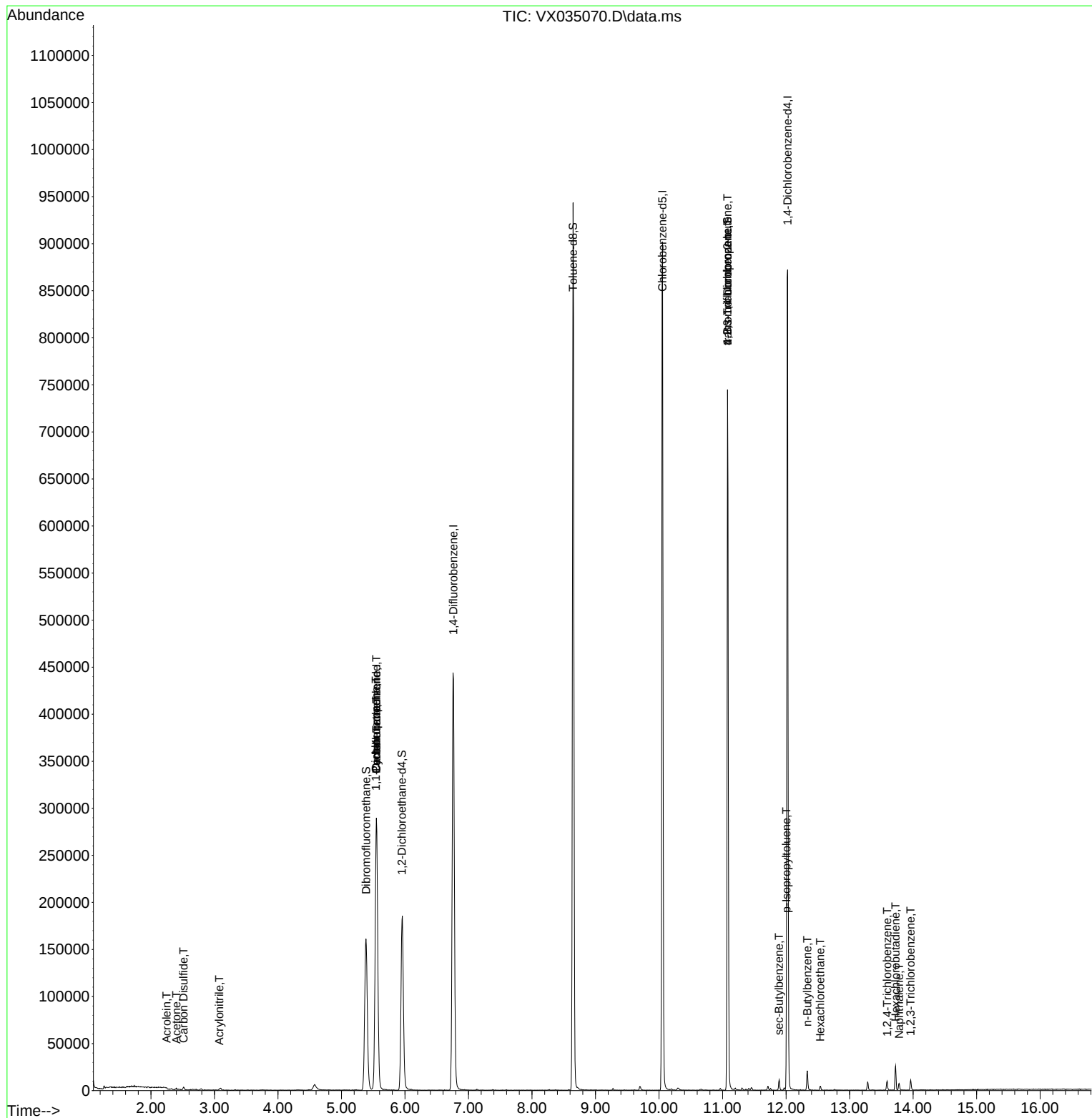
Internal Standards						
1) Pentafluorobenzene	5.550	168	272071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	457602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180229	43.315	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.620%
35) Dibromofluoromethane	5.385	113	142326	47.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.647	98	547036	48.967	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	203893	47.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.320%
Target Compounds						
					Qvalue	
13) Acrolein	2.245	56	757	1.007	ug/l #	78
15) Acrylonitrile	3.074	53	417	0.254	ug/l #	12
16) Acetone	2.398	43	1517	0.897	ug/l	95
17) Carbon Disulfide	2.514	76	3268	0.467	ug/l #	91
31) Cyclohexane	5.550	56	6105	1.205	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	22805	5.086	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28217	6.674	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	103441	27.706	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	103441	83.032	ug/l #	8
85) sec-Butylbenzene	11.890	105	5989	0.462	ug/l	99
86) p-Isopropyltoluene	12.006	119	4572	0.423	ug/l	89
89) n-Butylbenzene	12.335	91	8694	0.920	ug/l	98
90) Hexachloroethane	12.536	117	627	0.374	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	2785	0.803	ug/l	97
94) Hexachlorobutadiene	13.725	225	3755	2.461	ug/l	97
95) Naphthalene	13.780	128	5191	0.421	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2856	0.816	ug/l	98

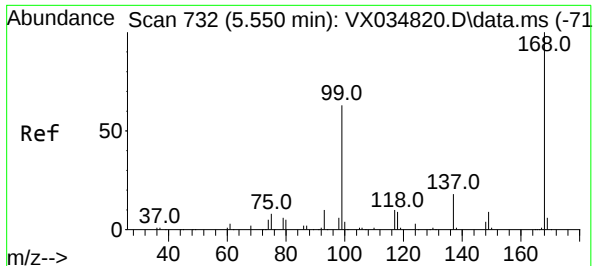
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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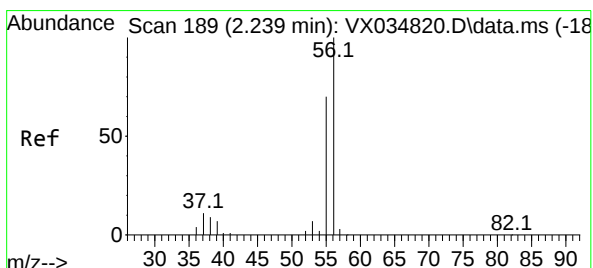
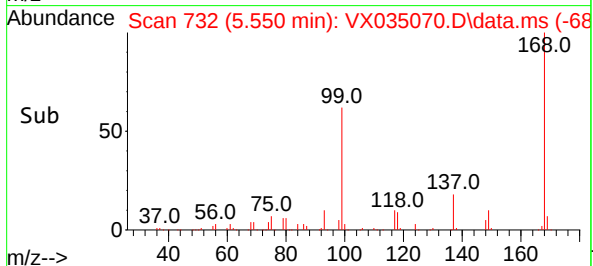
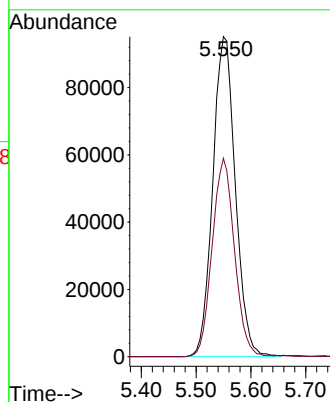
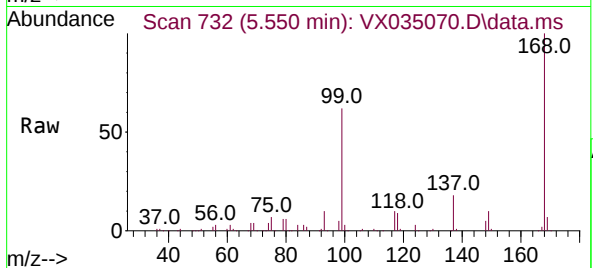




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

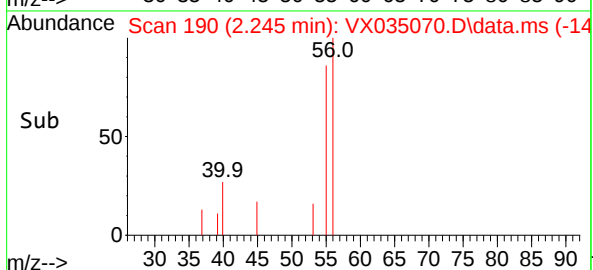
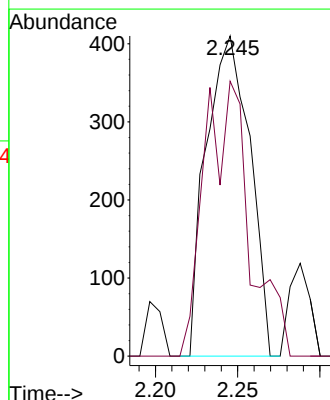
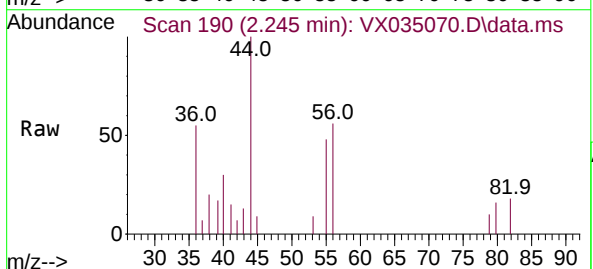
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

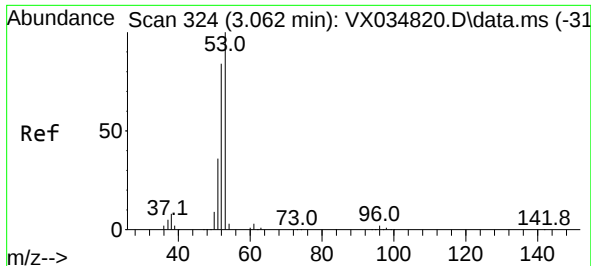
Tgt Ion:168 Resp: 272071
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5



#13
Acrolein
Concen: 1.007 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Tgt Ion: 56 Resp: 757
Ion Ratio Lower Upper
56 100
55 88.8 56.6 85.0#





#15

Acrylonitrile

Concen: 0.254 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX035070.D

Acq: 14 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBL01

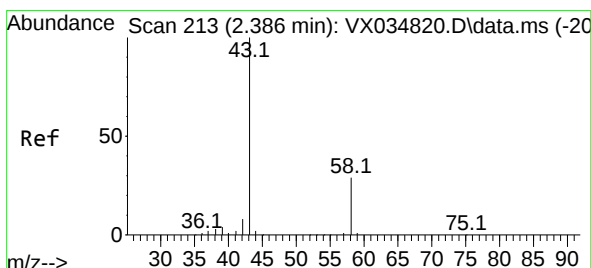
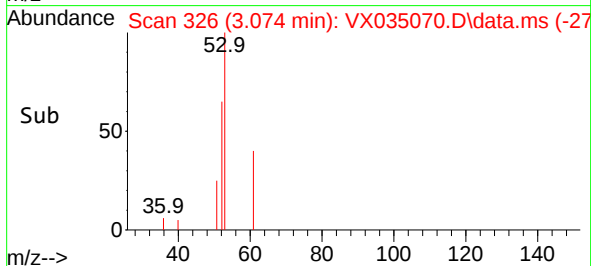
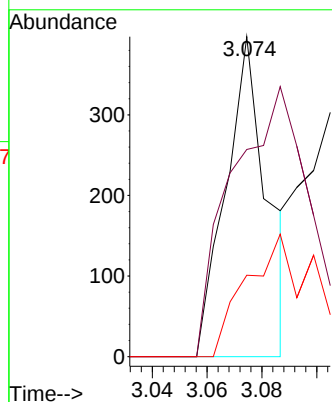
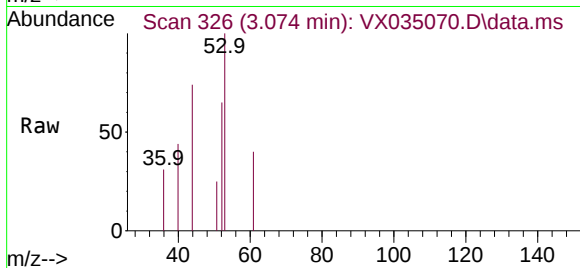
Tgt Ion: 53 Resp: 417

Ion Ratio Lower Upper

53 100

52 175.8 66.2 99.2#

51 65.2 28.3 42.5#



#16

Acetone

Concen: 0.897 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX035070.D

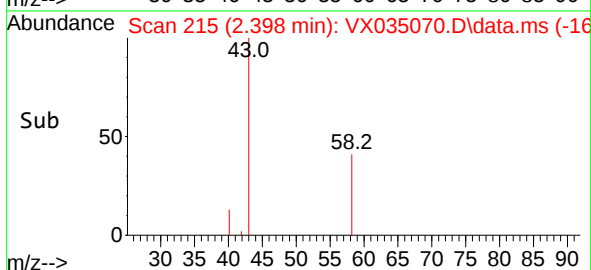
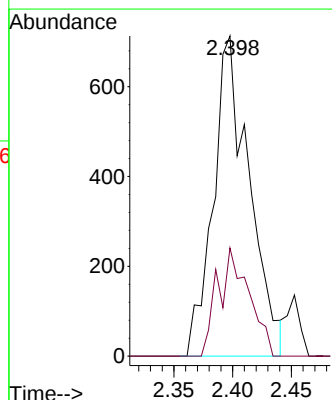
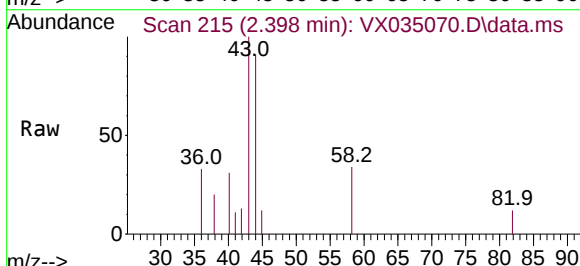
Acq: 14 Apr 2023 09:38

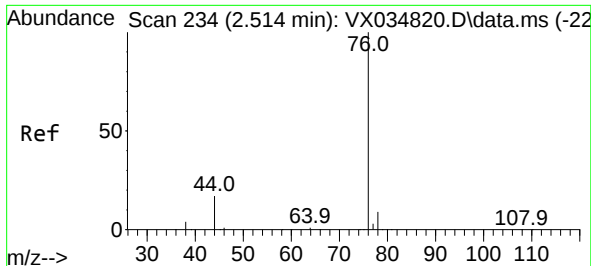
Tgt Ion: 43 Resp: 1517

Ion Ratio Lower Upper

43 100

58 33.8 24.7 37.1

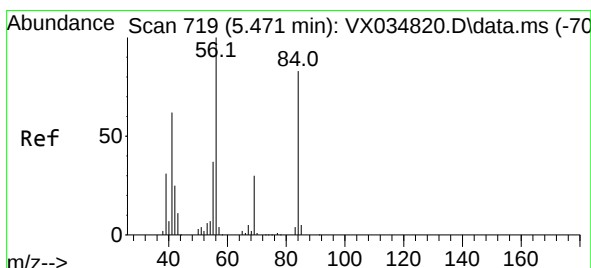
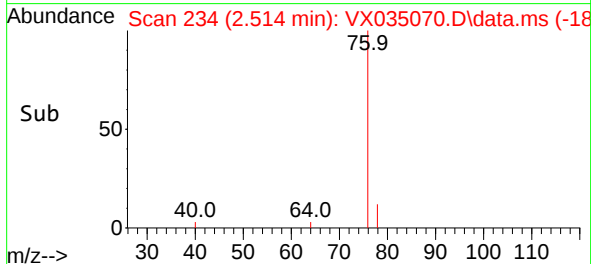
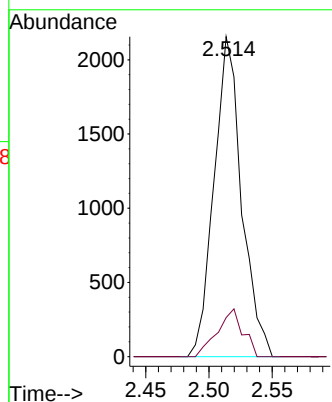
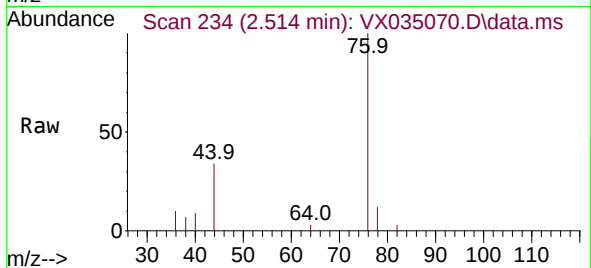




#17
Carbon Disulfide
Concen: 0.467 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

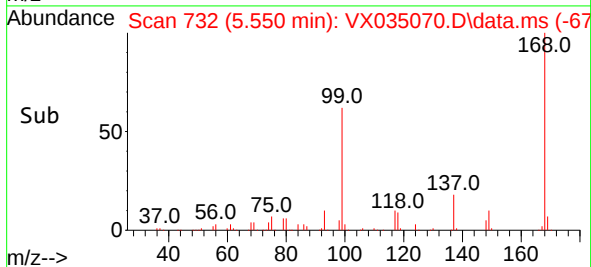
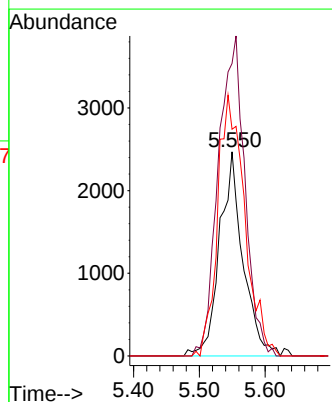
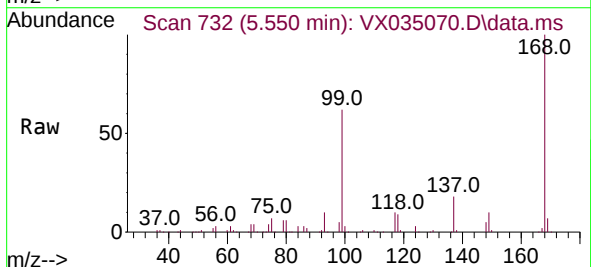
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

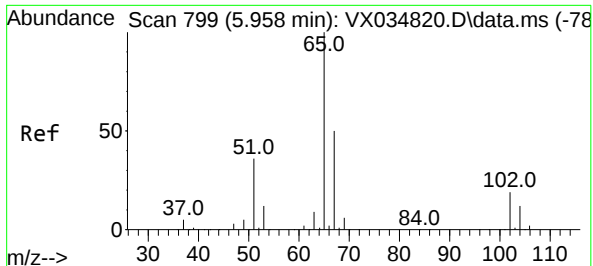
Tgt Ion: 76 Resp: 3268
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Tgt Ion: 56 Resp: 6105
Ion Ratio Lower Upper
56 100
69 143.3 23.7 35.5#
84 111.1 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 43.315 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035070.D

Acq: 14 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

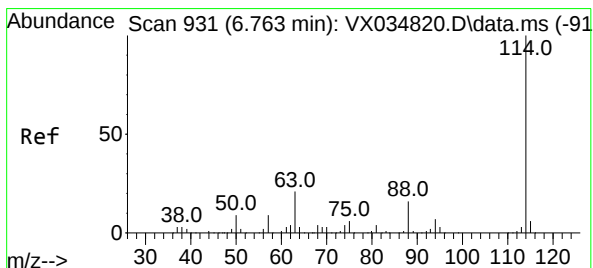
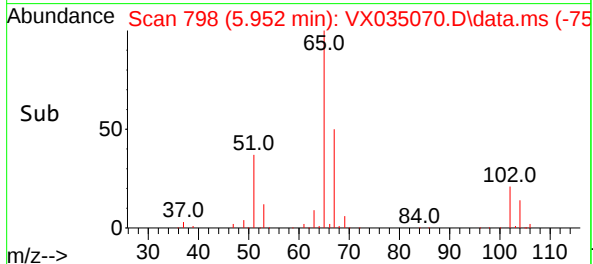
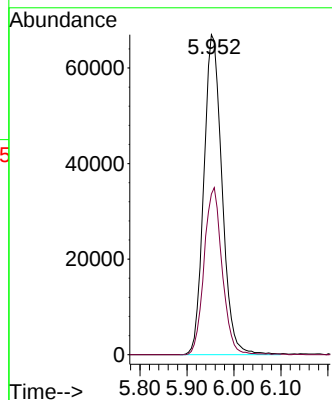
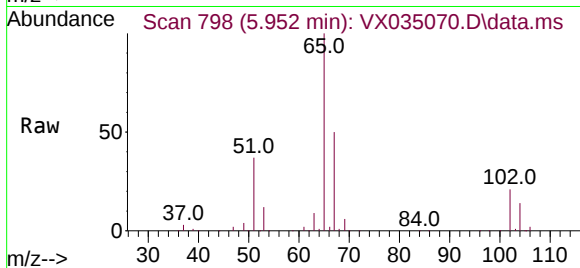
VX0415MBL01

Tgt Ion: 65 Resp: 180229

Ion Ratio Lower Upper

65 100

67 51.7 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: VX035070.D

Acq: 14 Apr 2023 09:38

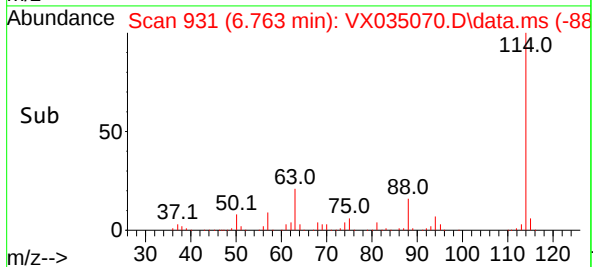
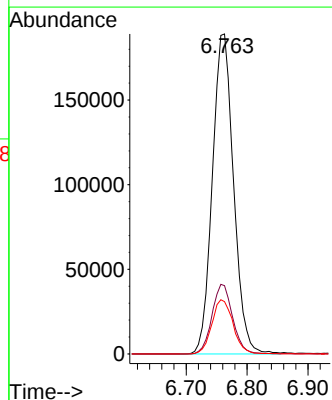
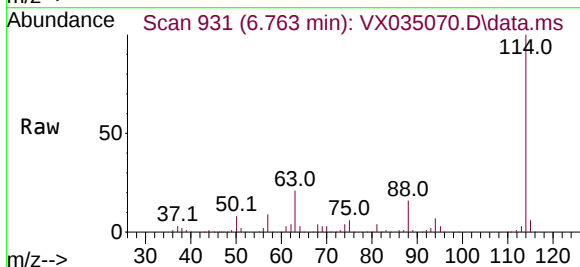
Tgt Ion: 114 Resp: 457602

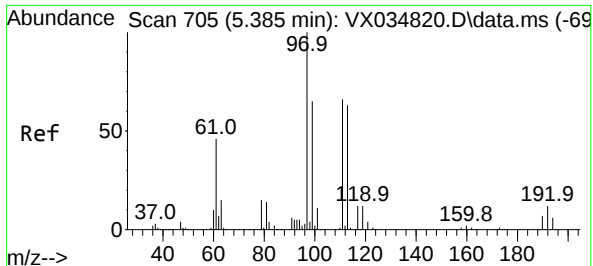
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.024 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035070.D

Acq: 14 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBL01

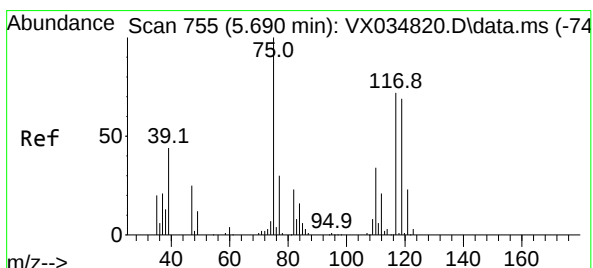
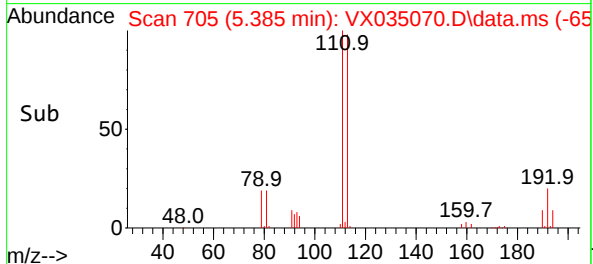
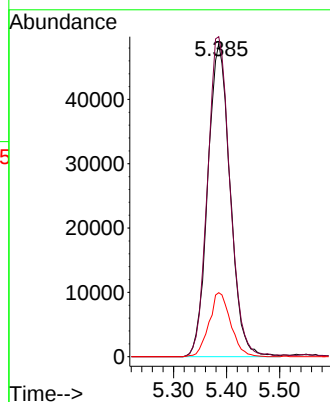
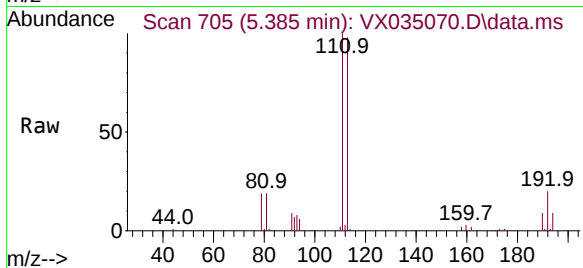
Tgt Ion:113 Resp: 142326

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 19.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.147 min

Lab File: VX035070.D

Acq: 14 Apr 2023 09:38

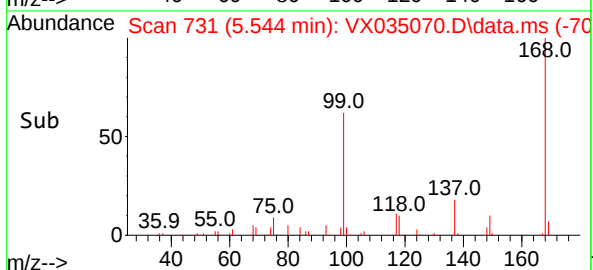
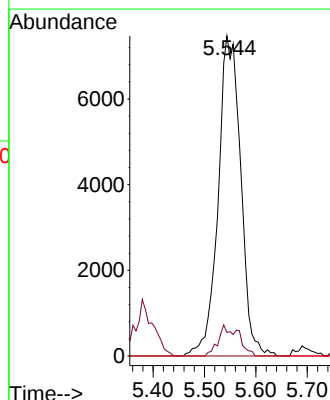
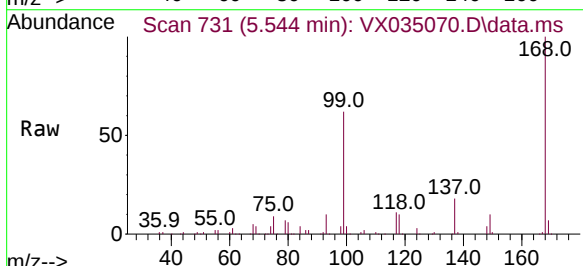
Tgt Ion: 75 Resp: 22805

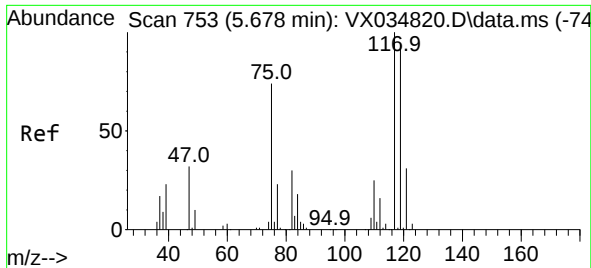
Ion Ratio Lower Upper

75 100

110 8.7 17.5 52.5#

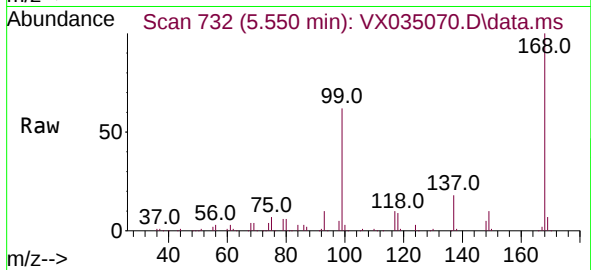
77 0.0 24.3 36.5#



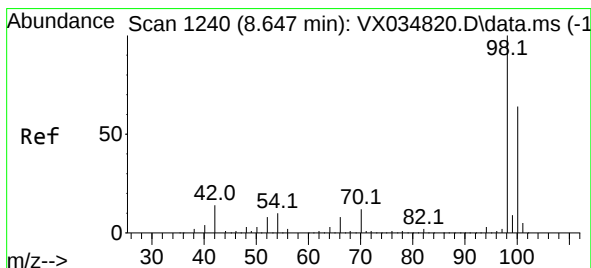
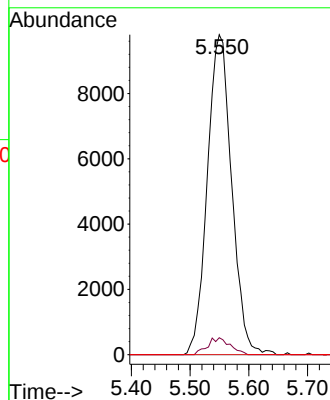
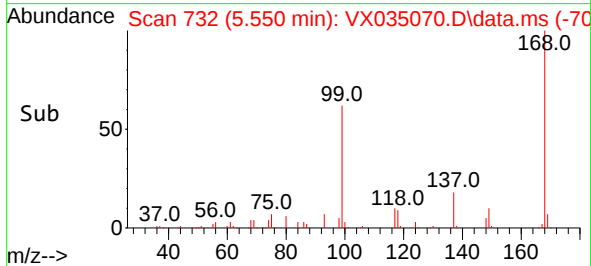


#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

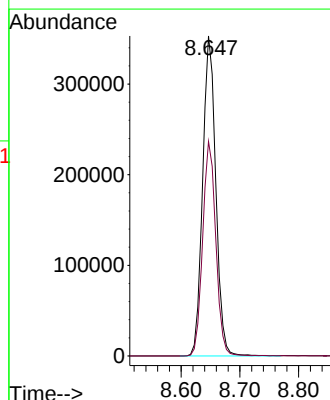
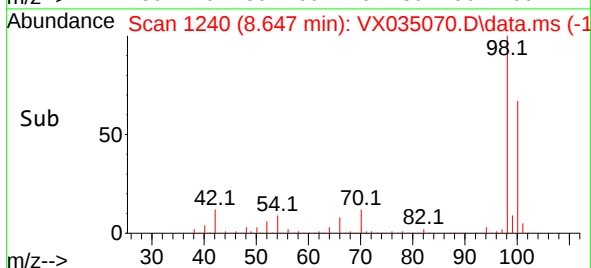
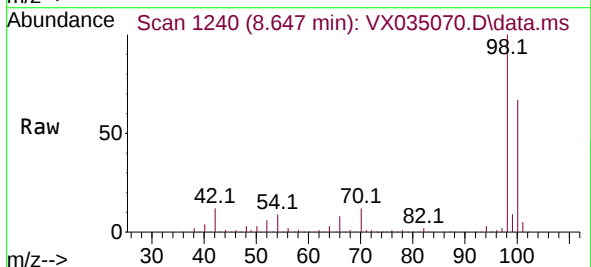


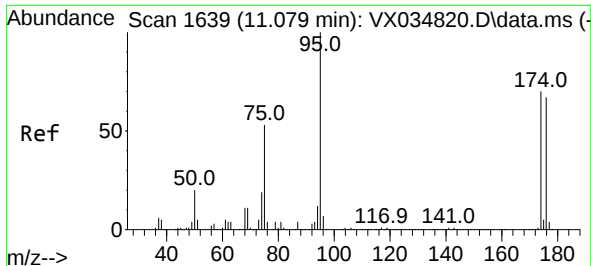
Tgt Ion:117 Resp: 28217
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.967 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Tgt Ion: 98 Resp: 547036
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

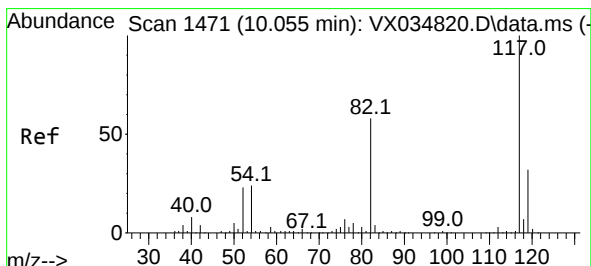
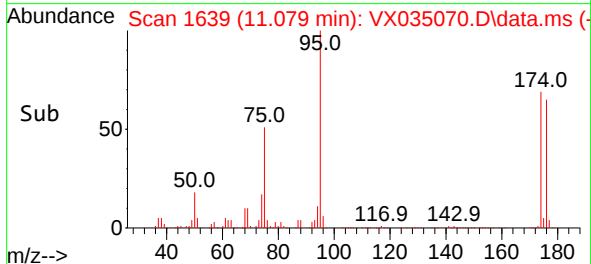
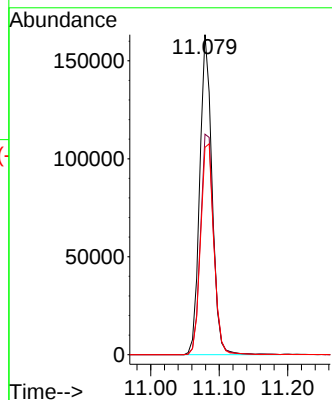
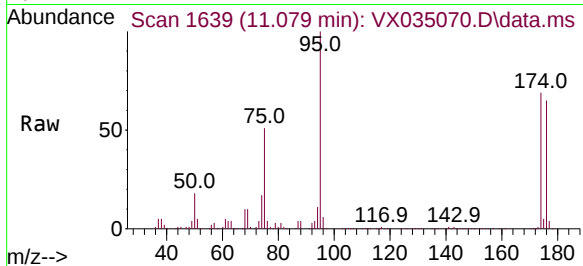




#62
4-Bromofluorobenzene
Concen: 47.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

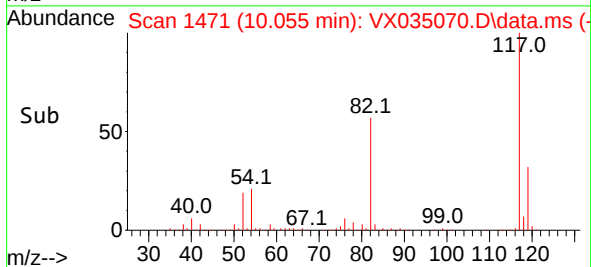
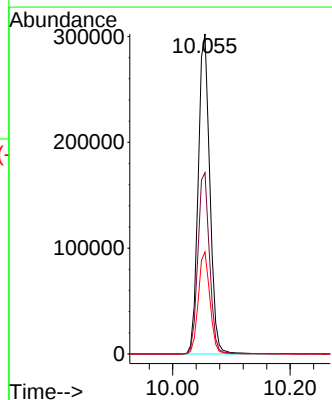
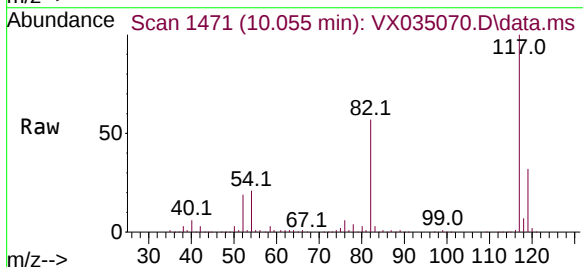
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

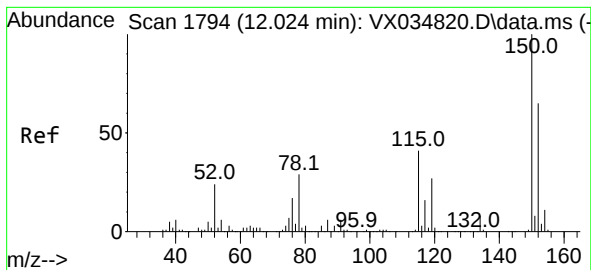
Tgt Ion: 95 Resp: 203893
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Tgt Ion: 117 Resp: 415509
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 31.8 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: VX035070.D

Acq: 14 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBL01

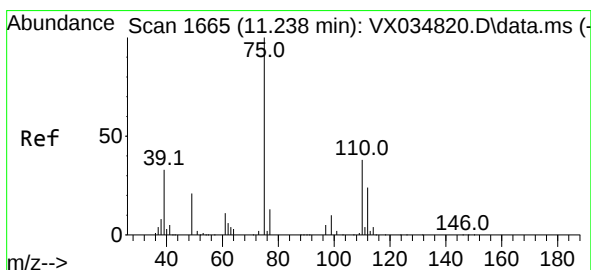
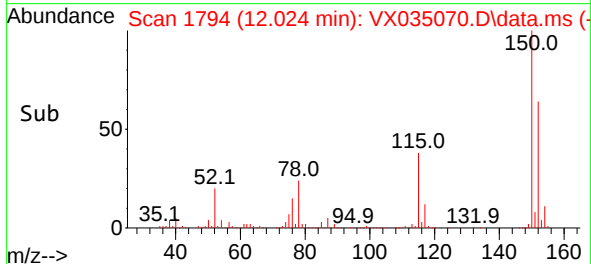
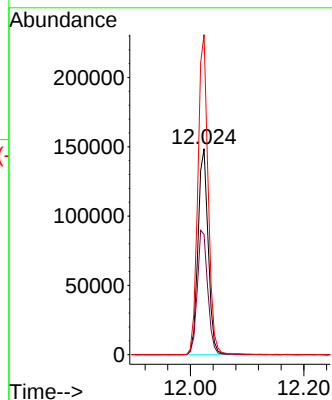
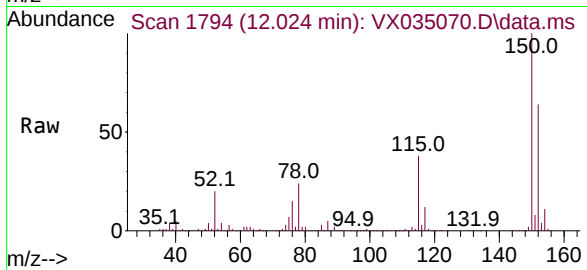
Tgt Ion:152 Resp: 185296

Ion Ratio Lower Upper

152 100

115 61.9 45.0 135.0

150 156.6 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 27.706 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035070.D

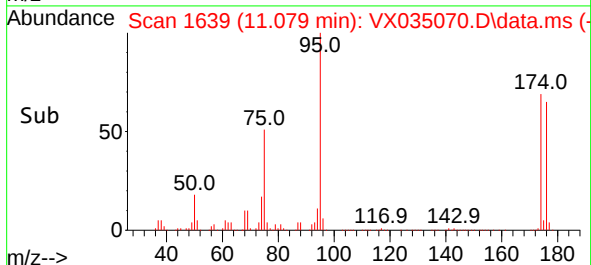
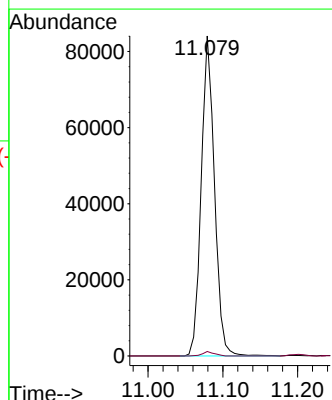
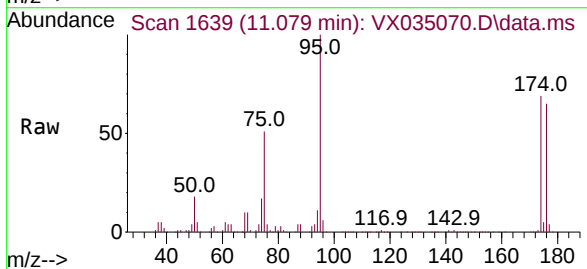
Acq: 14 Apr 2023 09:38

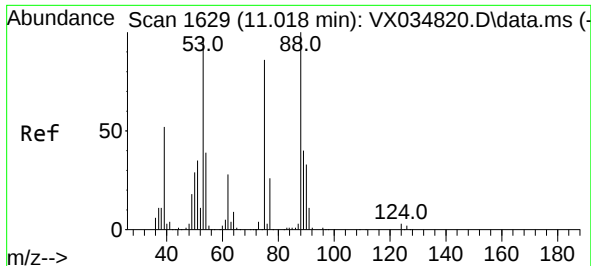
Tgt Ion: 75 Resp: 103441

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#

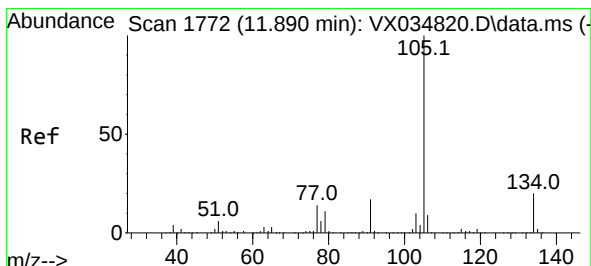
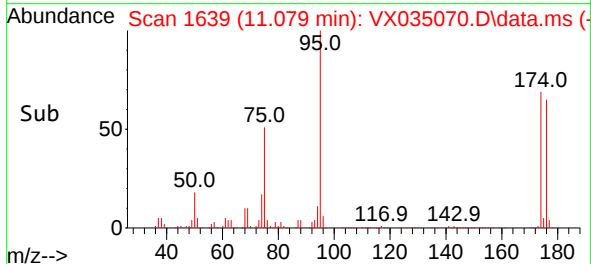
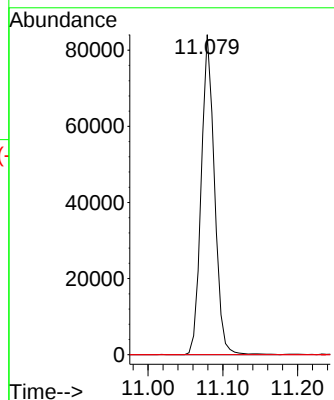
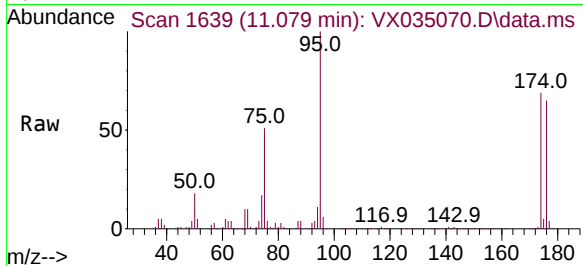




#81
trans-1,4-Dichloro-2-butene
Concen: 83.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

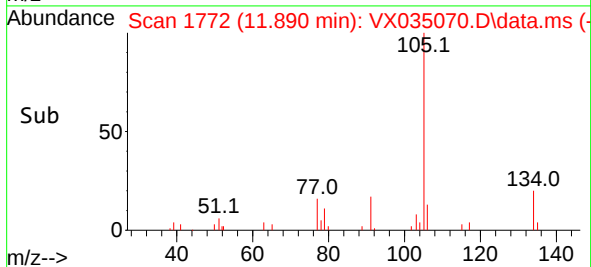
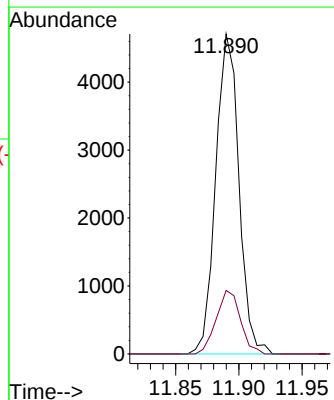
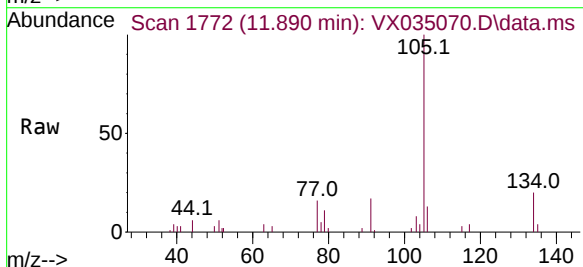
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

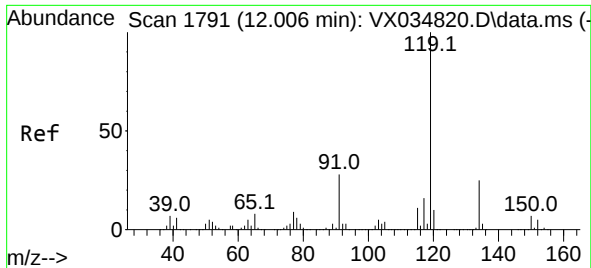
Tgt Ion: 75 Resp: 103441
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.462 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Tgt Ion: 105 Resp: 5989
Ion Ratio Lower Upper
105 100
134 20.7 10.2 30.4

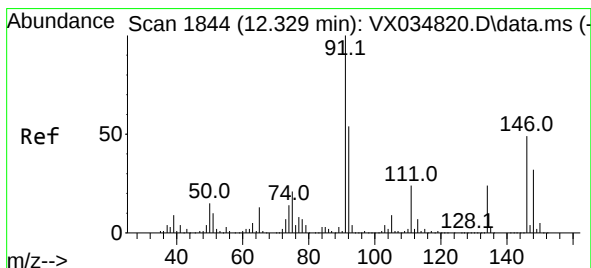
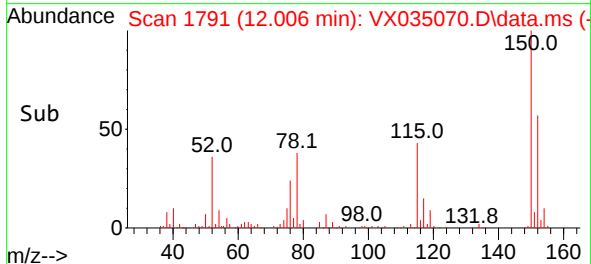
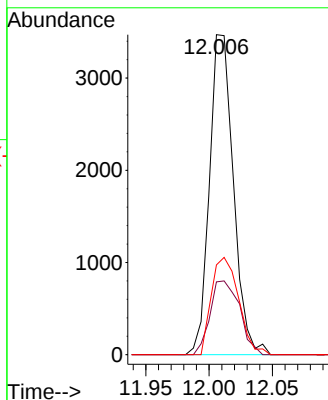
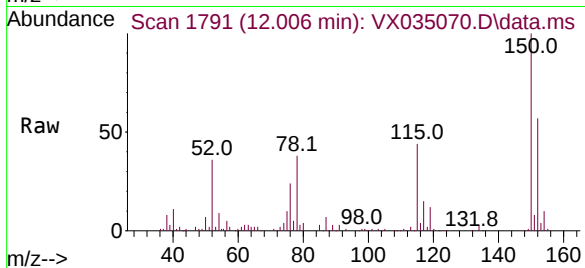




#86
 p-Isopropyltoluene
 Concen: 0.423 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035070.D
 Acq: 14 Apr 2023 09:38

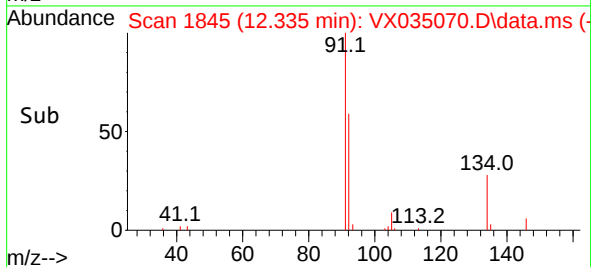
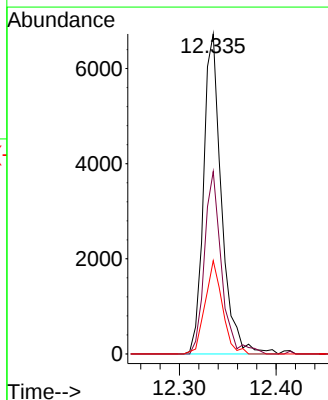
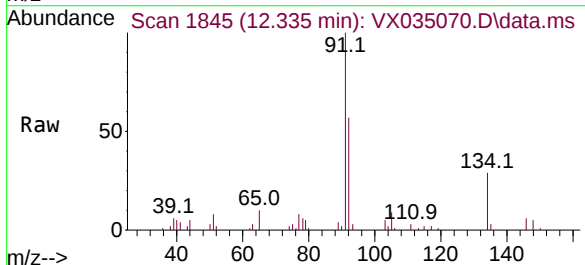
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBL01

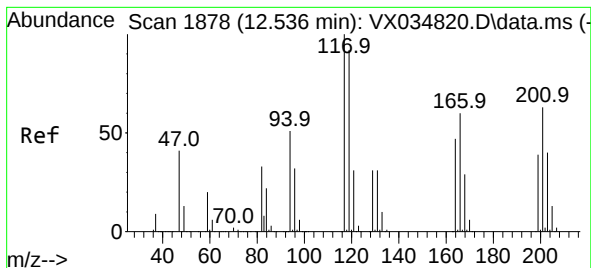
Tgt Ion:119 Resp: 4572
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.2 39.5
 91 34.6 12.9 38.7



#89
 n-Butylbenzene
 Concen: 0.920 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX035070.D
 Acq: 14 Apr 2023 09:38

Tgt Ion: 91 Resp: 8694
 Ion Ratio Lower Upper
 91 100
 92 54.1 27.7 83.0
 134 28.0 13.0 38.9





#90

Hexachloroethane

Concen: 0.374 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX035070.D

Acq: 14 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

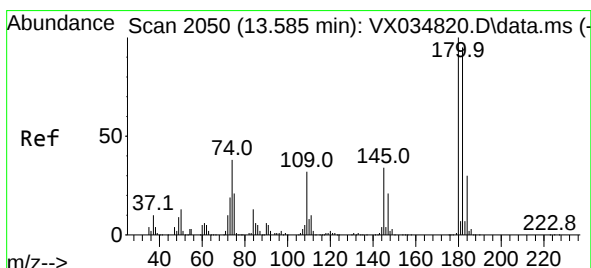
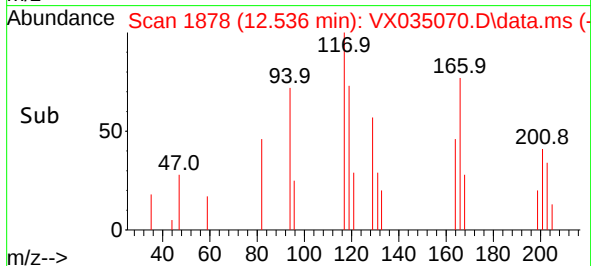
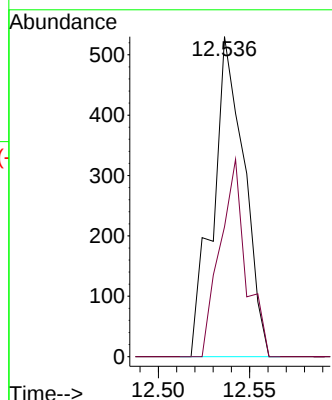
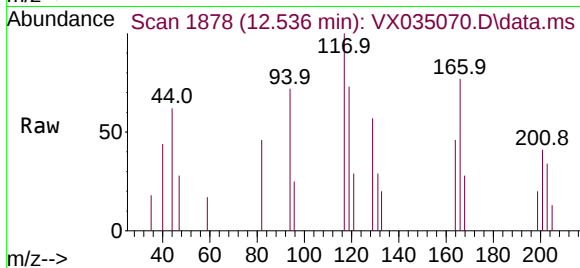
VX0415MBL01

Tgt Ion:117 Resp: 627

Ion Ratio Lower Upper

117 100

201 51.4 34.4 103.1



#93

1,2,4-Trichlorobenzene

Concen: 0.803 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035070.D

Acq: 14 Apr 2023 09:38

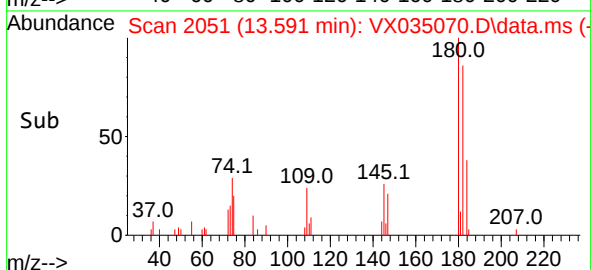
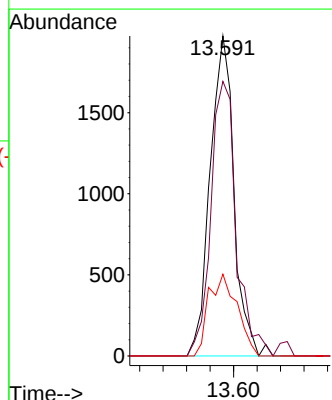
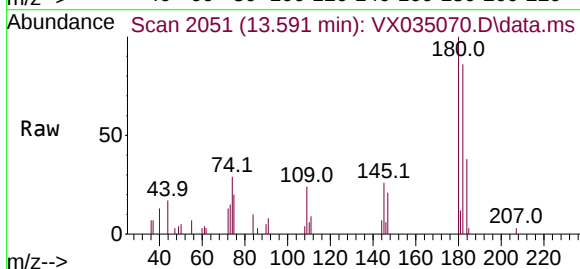
Tgt Ion:180 Resp: 2785

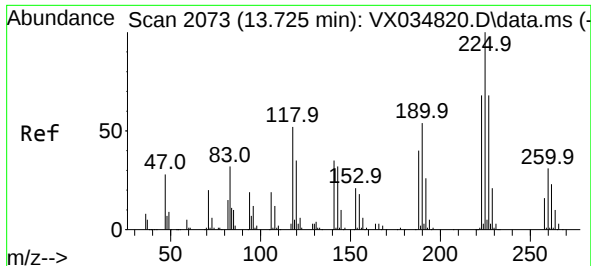
Ion Ratio Lower Upper

180 100

182 90.6 47.0 141.0

145 30.4 15.9 47.7

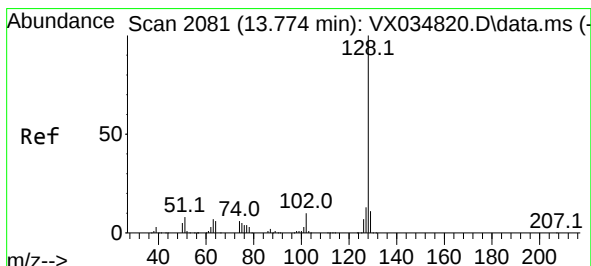
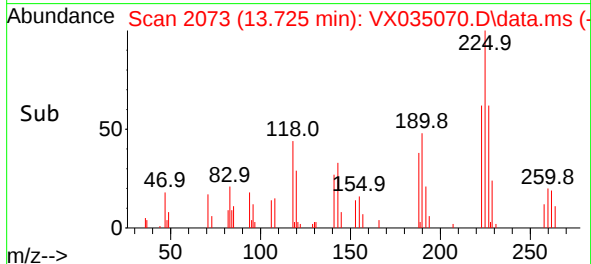
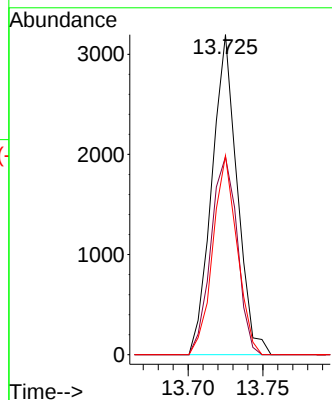
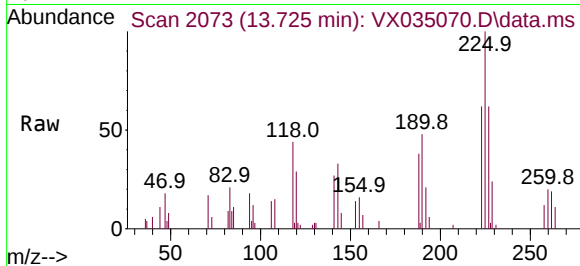




#94
Hexachlorobutadiene
Concen: 2.461 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

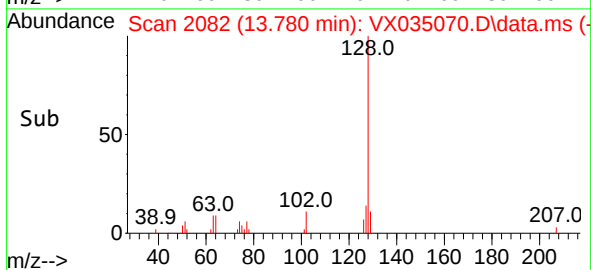
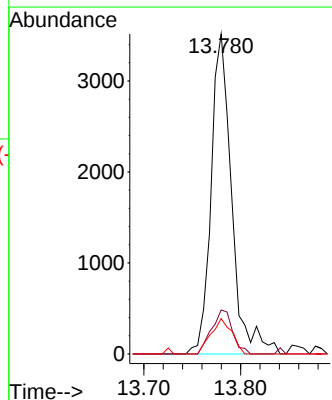
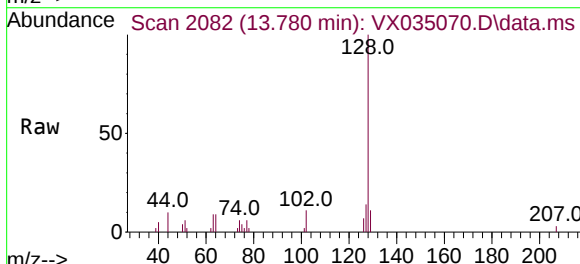
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

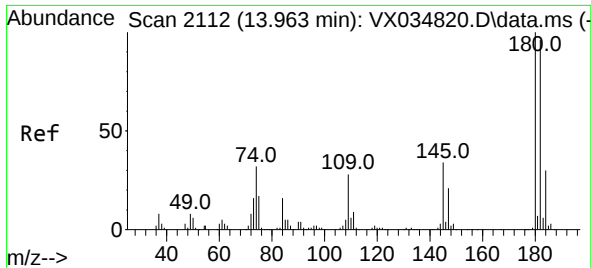
Tgt Ion:	225	Resp:	3755
Ion Ratio	Lower	Upper	
225	100		
223	64.3	32.1	96.5
227	59.6	31.8	95.4



#95
Naphthalene
Concen: 0.421 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035070.D
Acq: 14 Apr 2023 09:38

Tgt Ion:	128	Resp:	5191
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.4
129	11.2	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.816 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035070.D
 Acq: 14 Apr 2023 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBL01

Tgt Ion:180	Resp:	2856
Ion	Ratio	Lower Upper
180	100	
182	98.1	48.0 144.2
145	36.6	17.7 53.1

