

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034970.D
 Acq On : 07 Apr 2023 15:46
 Operator : JC/MD
 Sample : VX0407MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407MBL01

Quant Time: Apr 08 00:54:57 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)

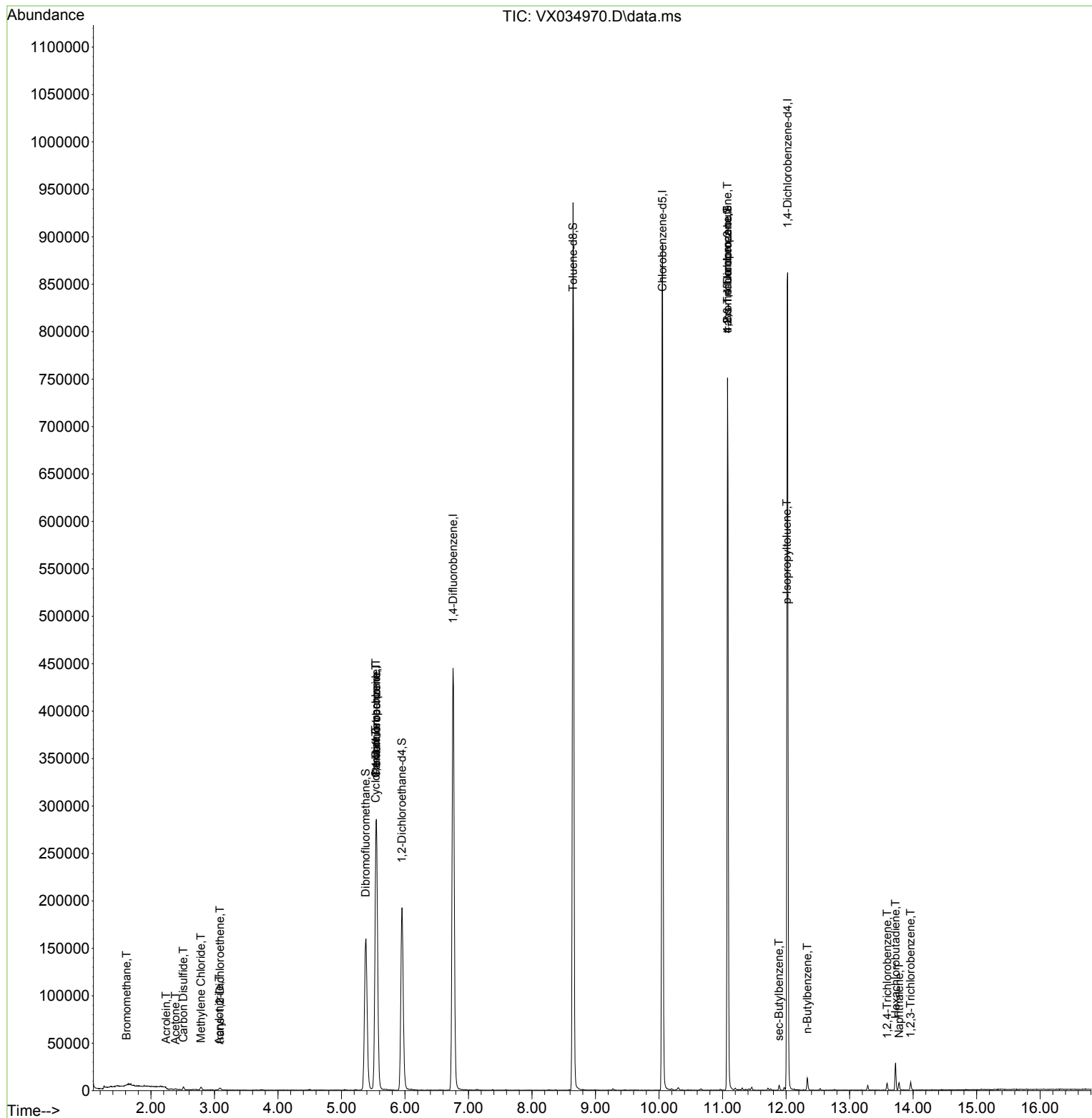
Internal Standards						
1) Pentafluorobenzene	5.550	168	261473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	444723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192070	48.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.060%		
35) Dibromofluoromethane	5.379	113	142746	48.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.060%		
50) Toluene-d8	8.647	98	532535	49.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.100%		
62) 4-Bromofluorobenzene	11.079	95	202250	48.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.280%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	428	0.204	ug/l	90
13) Acrolein	2.239	56	585	0.810	ug/l #	72
15) Acrylonitrile	3.075	53	906	0.574	ug/l	99
16) Acetone	2.386	43	1284	0.790	ug/l #	44
17) Carbon Disulfide	2.508	76	3398	0.505	ug/l #	90
20) Methylene Chloride	2.788	84	1347	0.420	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	608	0.208	ug/l #	72
31) Cyclohexane	5.538	56	6492	1.333	ug/l #	2
36) 1,1-Dichloropropene	5.544	75	22630	5.193	ug/l #	50
38) Carbon Tetrachloride	5.544	117	27690	6.739	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	106919	29.811	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	106919	89.340	ug/l #	8
85) sec-Butylbenzene	11.890	105	2936	0.236	ug/l	94
86) p-Isopropyltoluene	12.012	119	2244	0.216	ug/l #	58
89) n-Butylbenzene	12.335	91	5076	0.559	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	1843	0.553	ug/l	89
94) Hexachlorobutadiene	13.725	225	3588	2.448	ug/l	95
95) Naphthalene	13.780	128	5594	0.472	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2259	0.672	ug/l	99

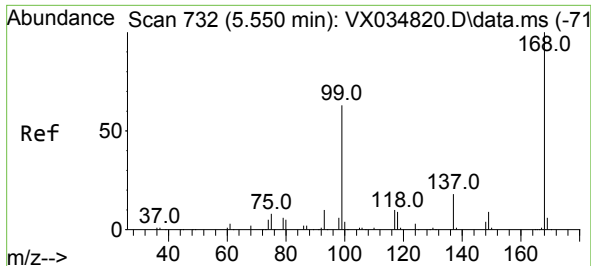
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 00:54:57 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

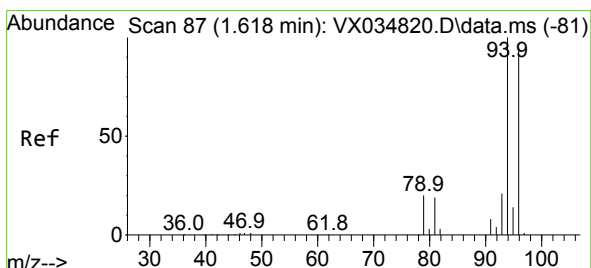
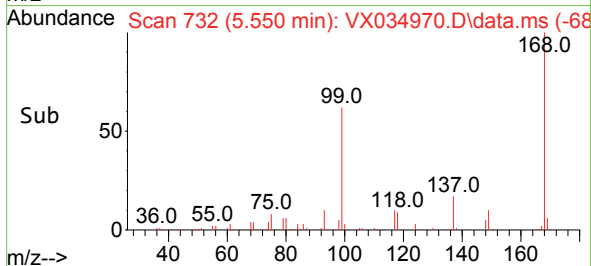
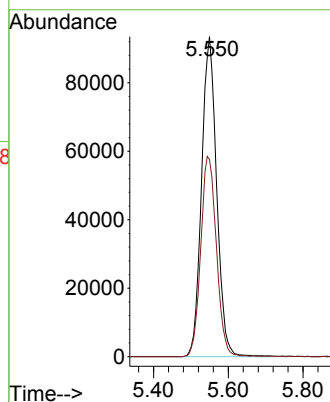
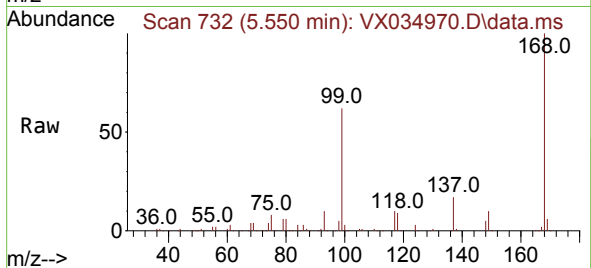




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

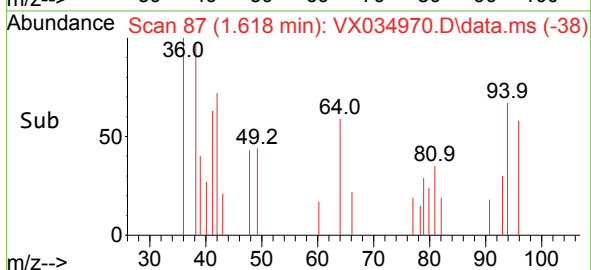
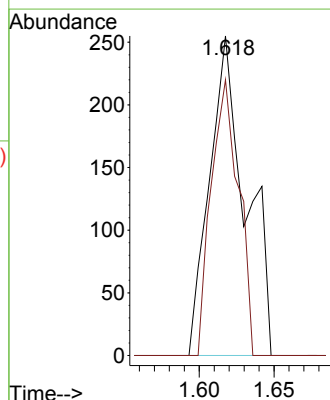
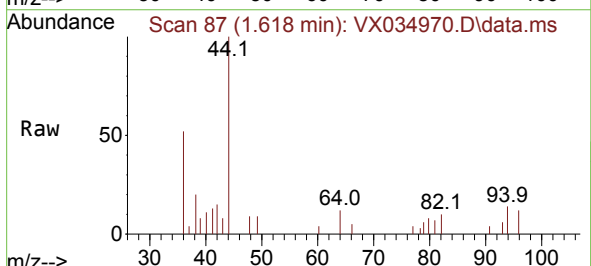
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

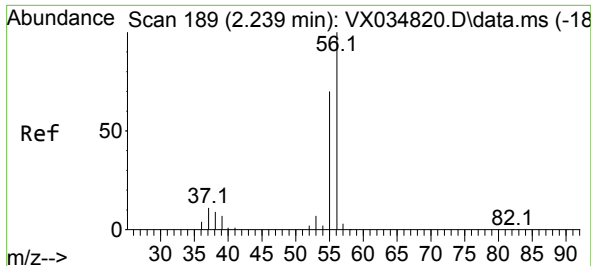
Tgt Ion:168 Resp: 261473
Ion Ratio Lower Upper
168 100
99 61.6 45.7 68.5



#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 86.3 77.0 115.6

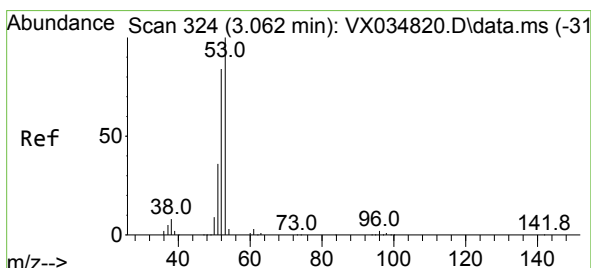
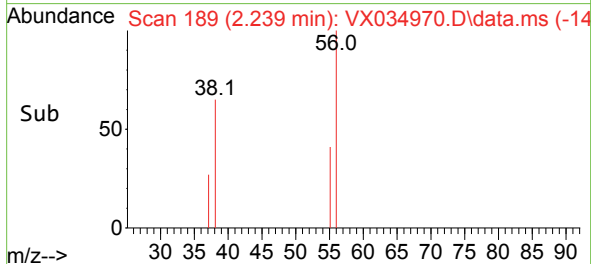
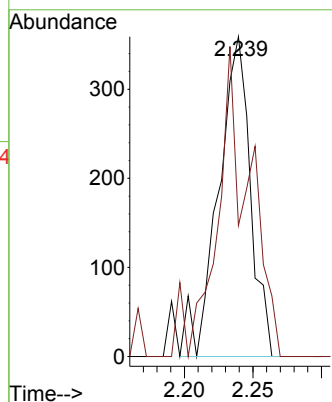
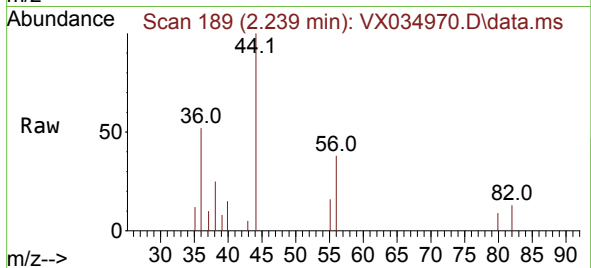




#13
Acrolein
Concen: 0.810 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

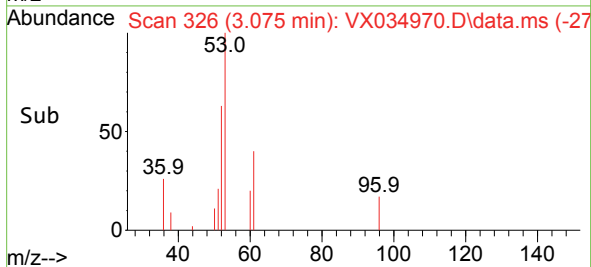
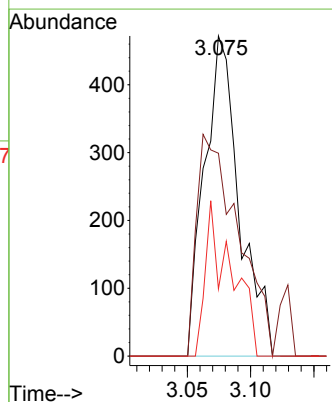
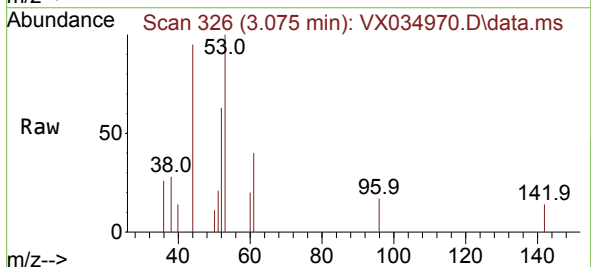
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

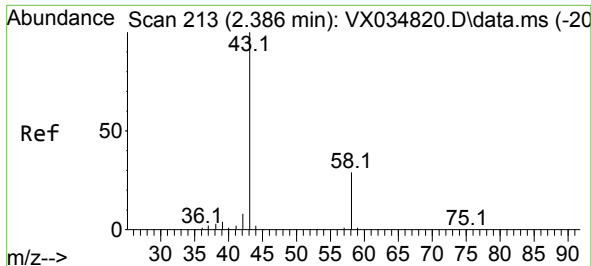
Tgt Ion: 56 Resp: 585
Ion Ratio Lower Upper
56 100
55 94.2 56.6 85.0#



#15
Acrylonitrile
Concen: 0.574 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion: 53 Resp: 906
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 36.1 28.3 42.5

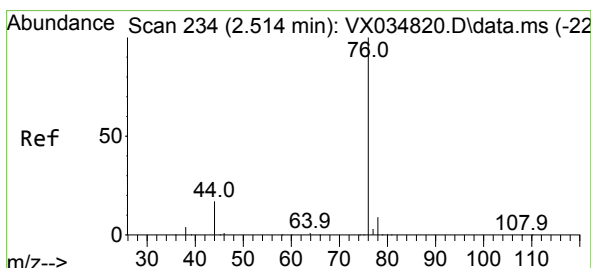
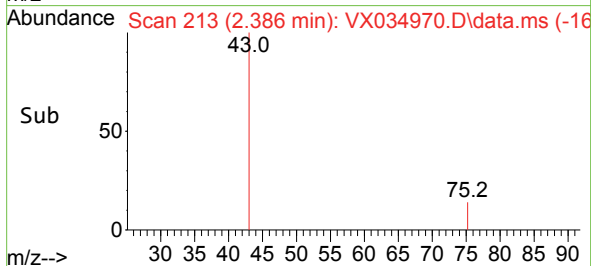
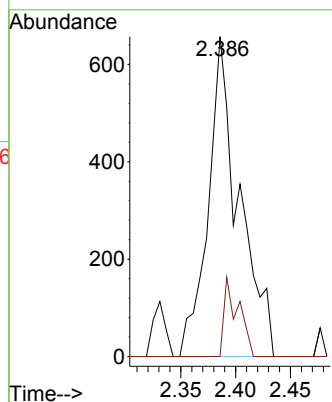
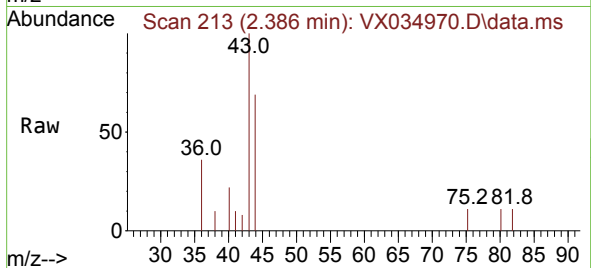




#16
Acetone
Concen: 0.790 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

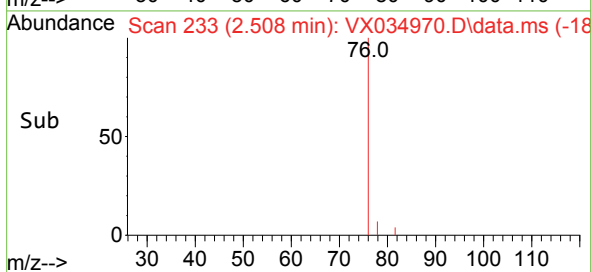
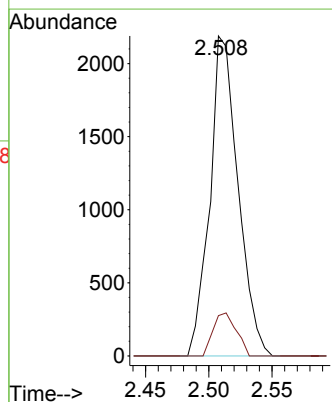
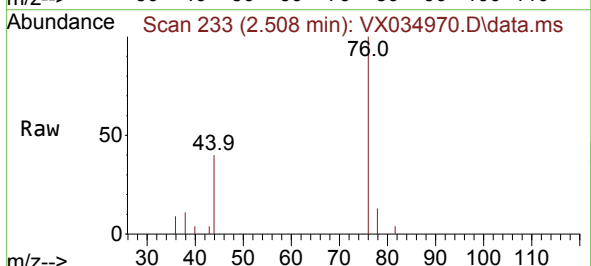
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

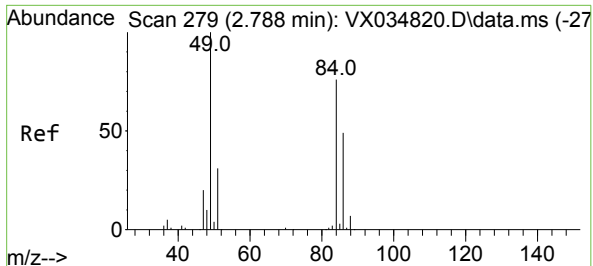
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.505 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

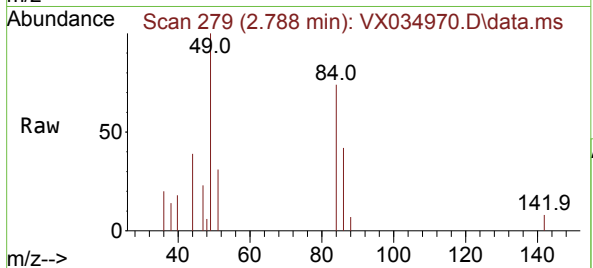
Tgt Ion: 76 Resp: 3398
Ion Ratio Lower Upper
76 100
78 12.6 7.2 10.8#



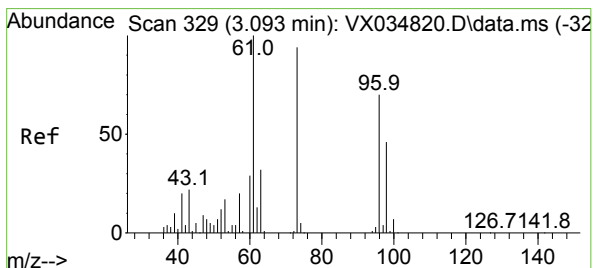
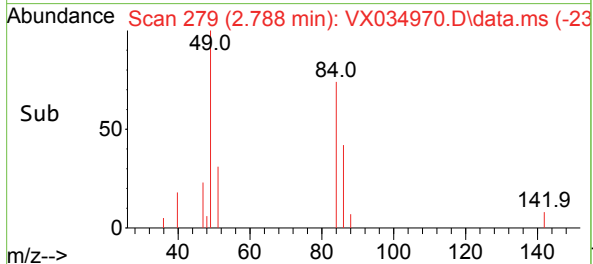
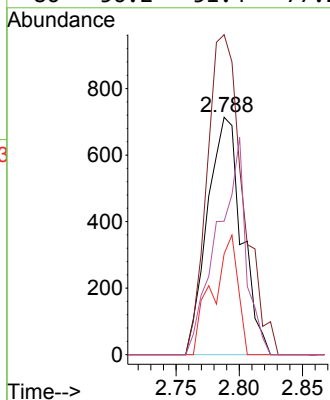


#20
Methylene Chloride
Concen: 0.420 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

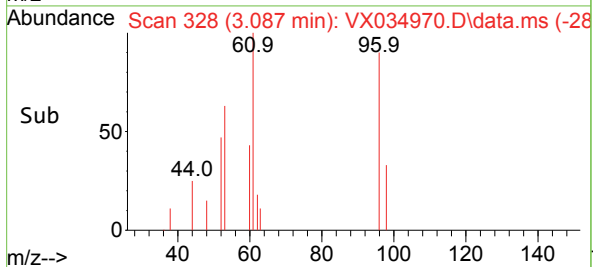
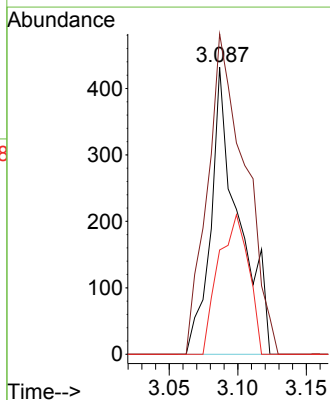
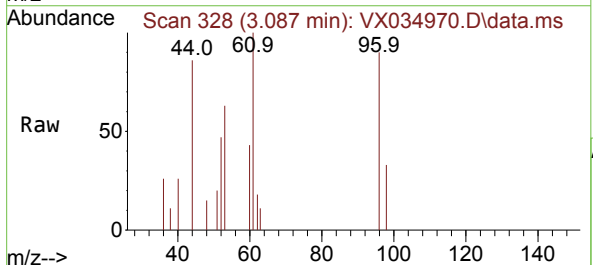


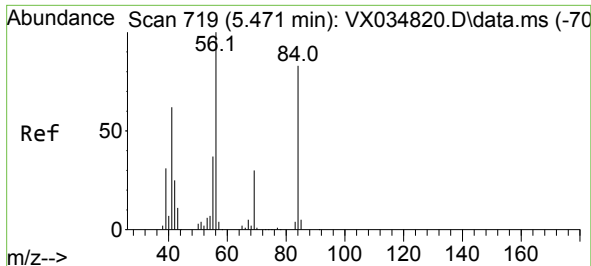
Tgt Ion: 84	Resp: 1347
Ion Ratio	Lower Upper
84 100	
49 134.7	103.8 155.8
51 42.4	31.8 47.8
86 56.2	51.4 77.2



#21
trans-1,2-Dichloroethene
Concen: 0.208 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

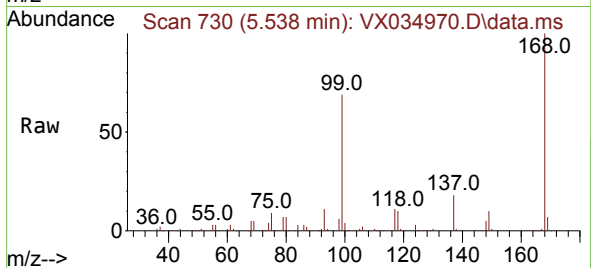
Tgt Ion: 96	Resp: 608
Ion Ratio	Lower Upper
96 100	
61 111.6	113.0 169.6#
98 36.3	52.1 78.1#



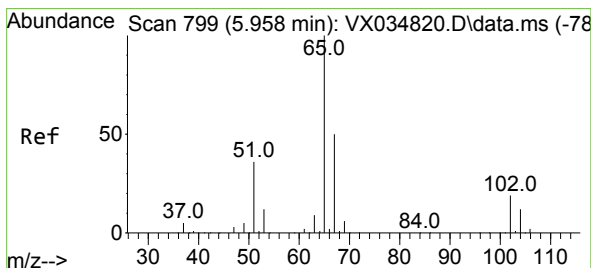
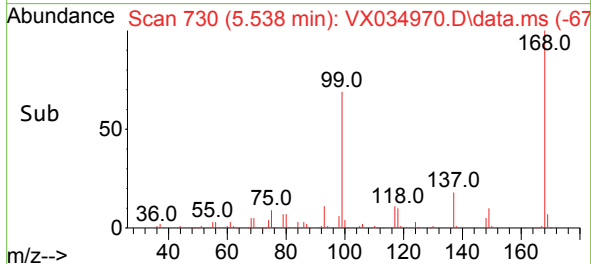
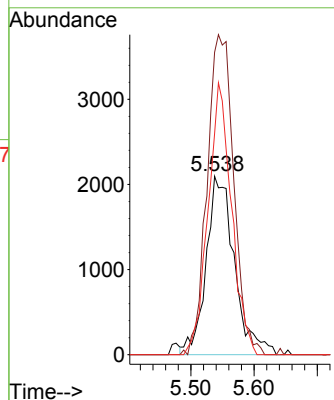


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

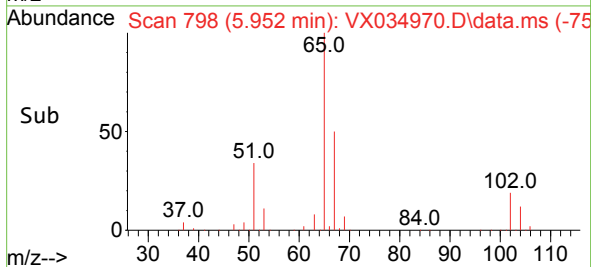
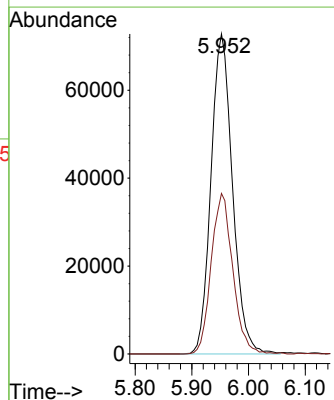
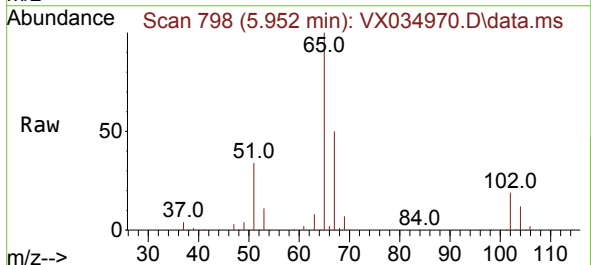


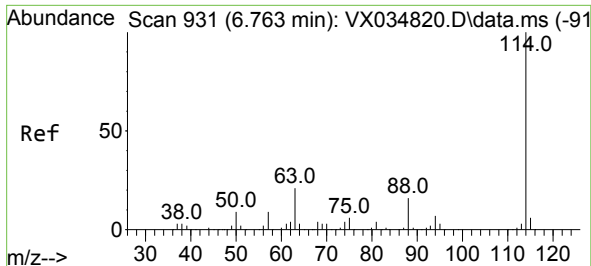
Tgt Ion: 56 Resp: 6492
Ion Ratio Lower Upper
56 100
69 169.4 23.7 35.5#
84 123.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.031 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion: 65 Resp: 192070
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

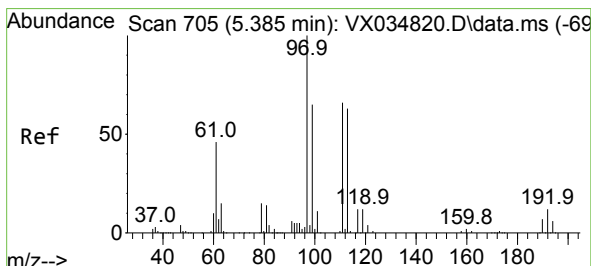
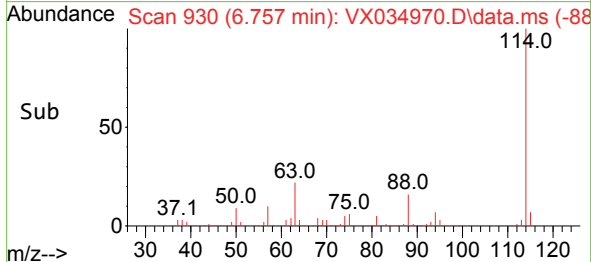
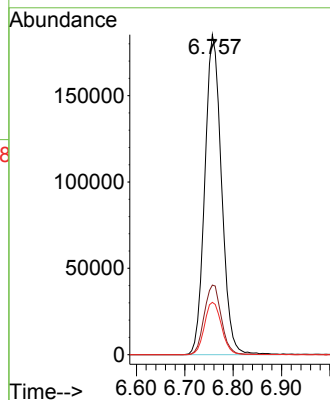
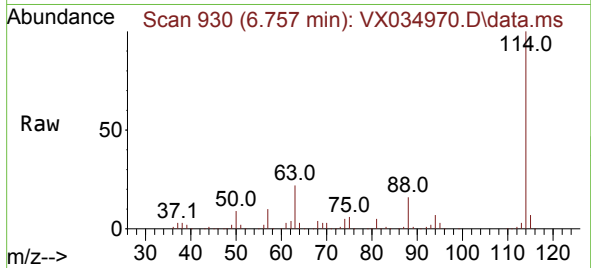




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

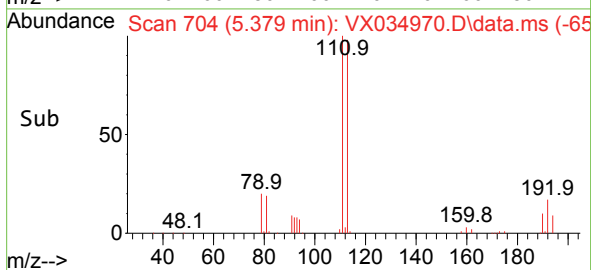
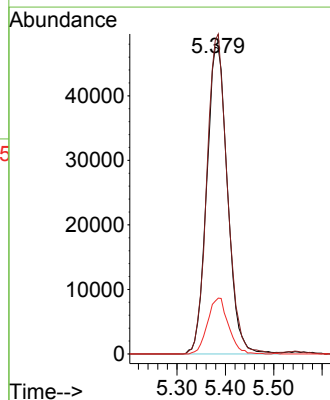
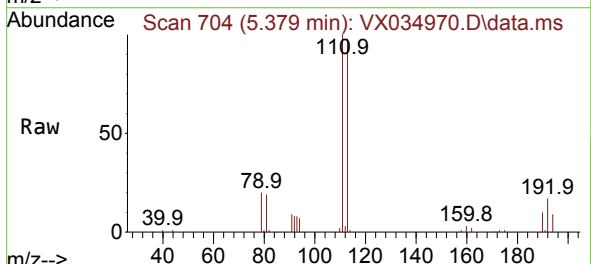
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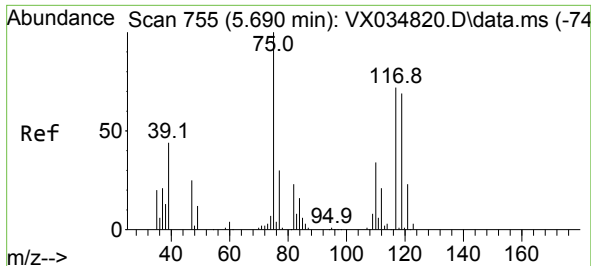
Tgt Ion:114 Resp: 444723
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.528 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion:113 Resp: 142746
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 18.1 15.4 23.2

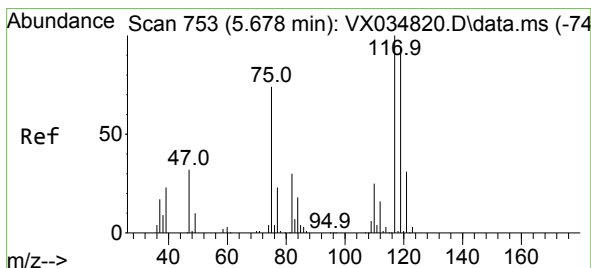
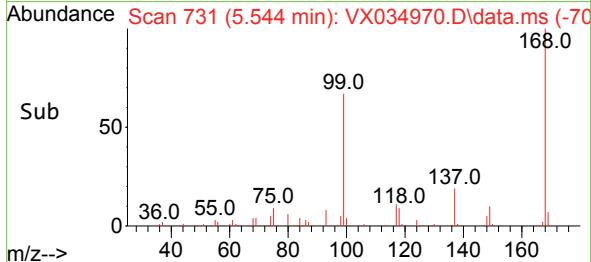
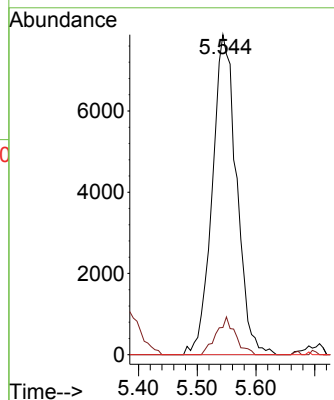
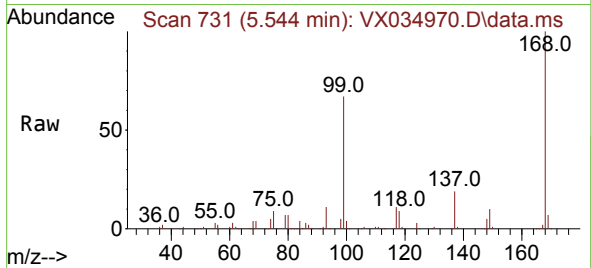




#36
1,1-Dichloropropene
Concen: 5.193 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

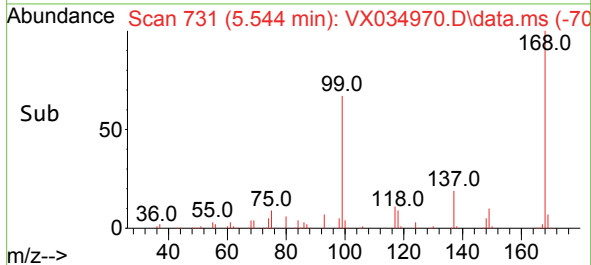
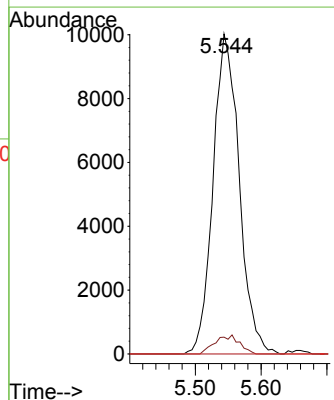
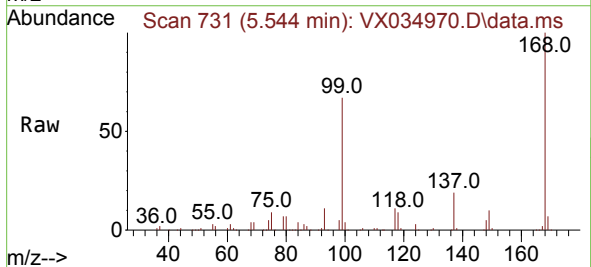
Instrument :
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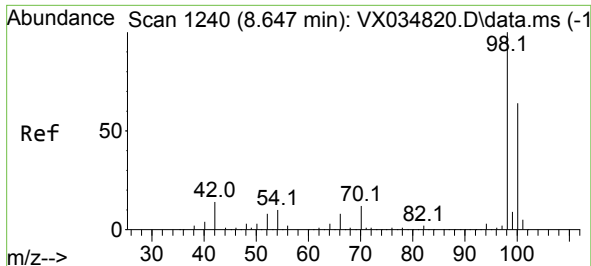
Tgt Ion: 75 Resp: 22630
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.739 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion: 117 Resp: 27690
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#

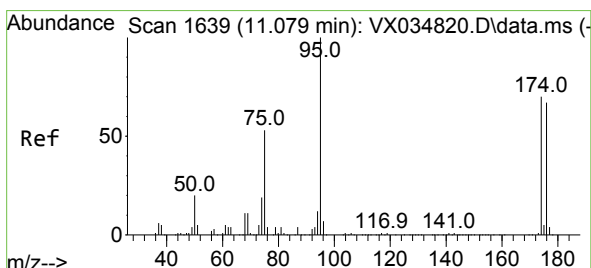
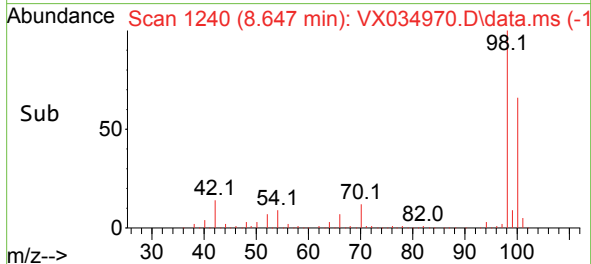
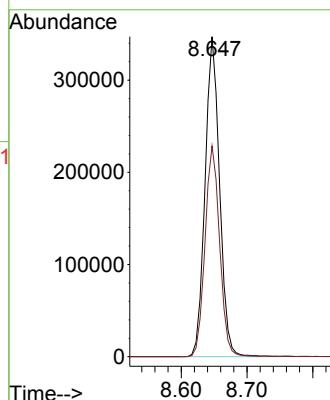
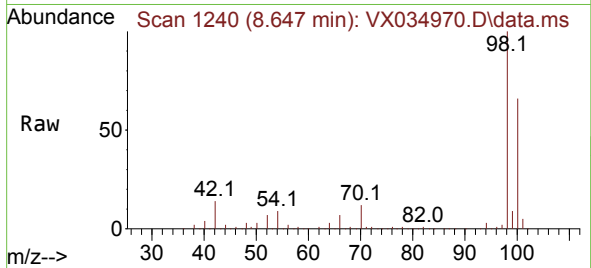




#50
Toluene-d8
Concen: 49.049 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

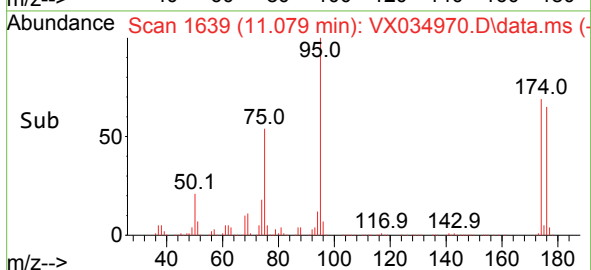
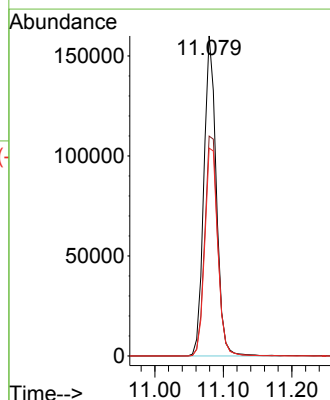
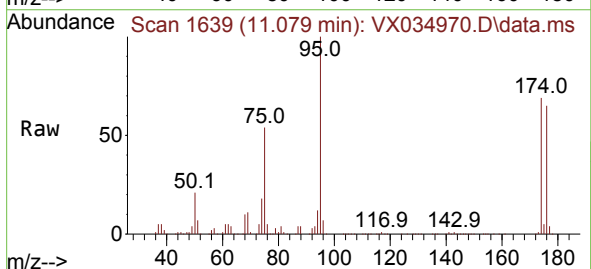
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

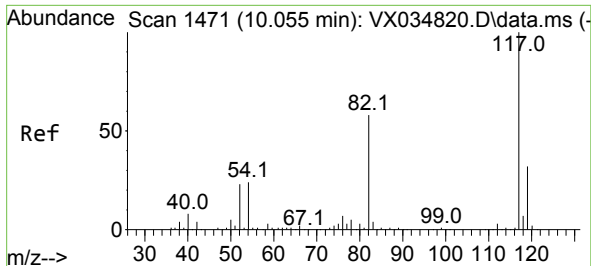
Tgt Ion: 98 Resp: 532535
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion: 95 Resp: 202250
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 68.4 0.0 140.6

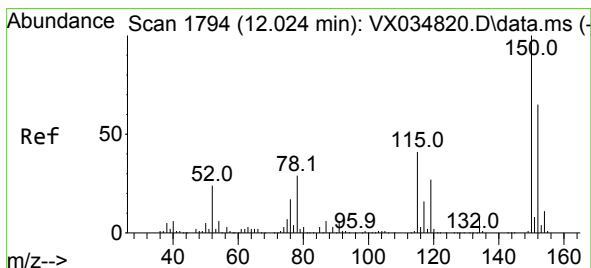
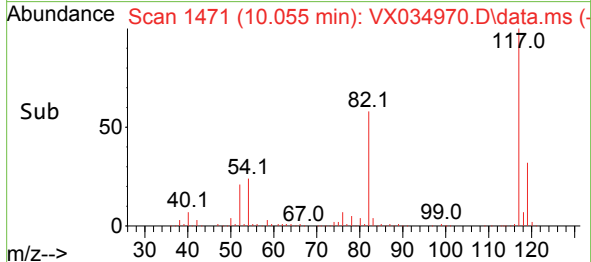
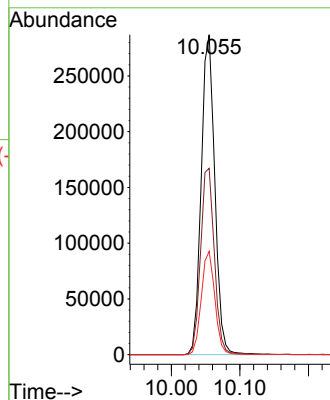
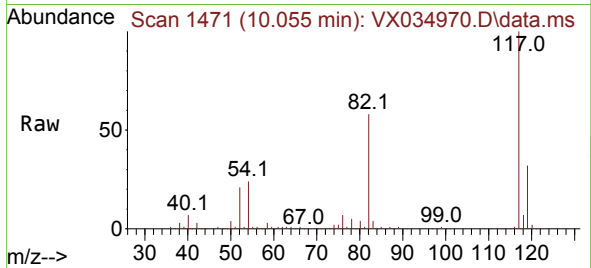




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

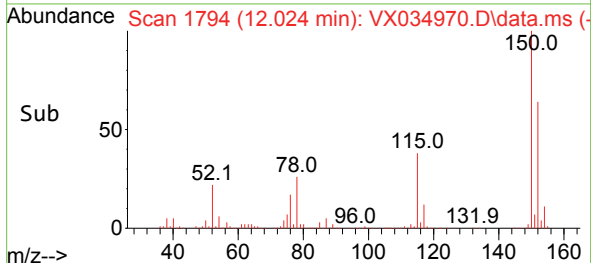
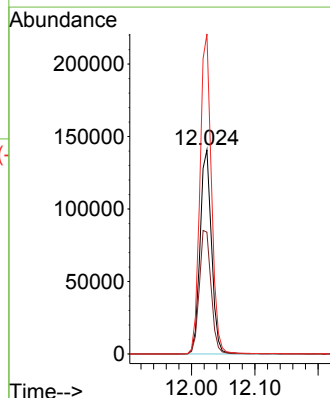
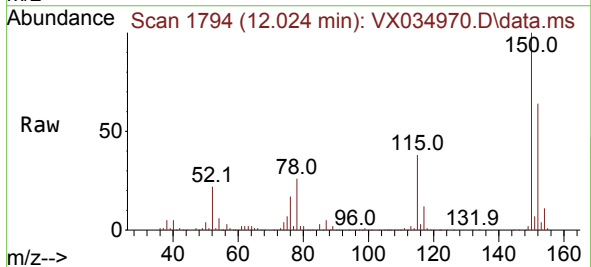
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

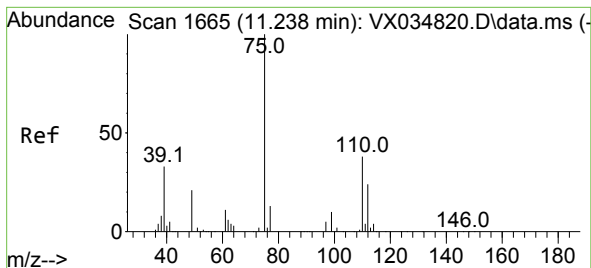
Tgt Ion:117 Resp: 397040
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034970.D
Acq: 07 Apr 2023 15:46

Tgt Ion:152 Resp: 178002
Ion Ratio Lower Upper
152 100
115 62.3 45.0 135.0
150 156.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.811 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034970.D

Acq: 07 Apr 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

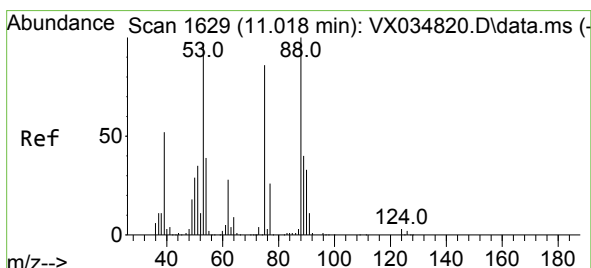
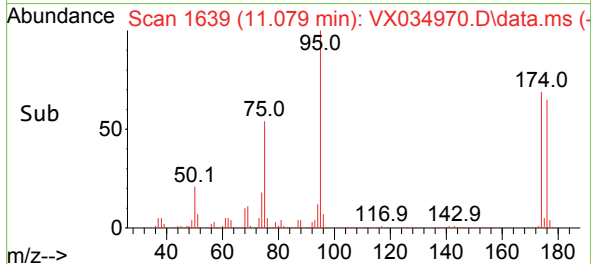
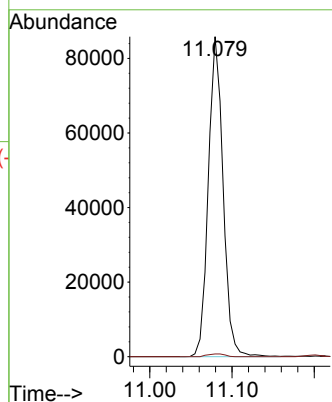
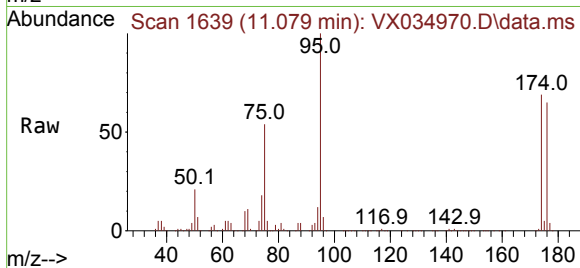
VX0407MBL01

Tgt Ion: 75 Resp: 106919

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034970.D

Acq: 07 Apr 2023 15:46

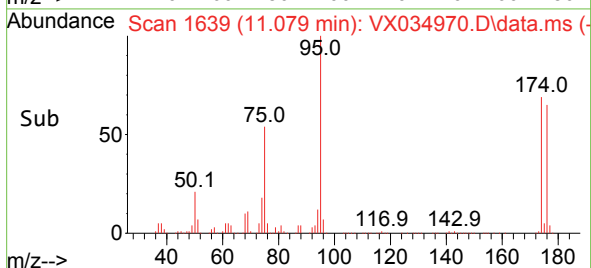
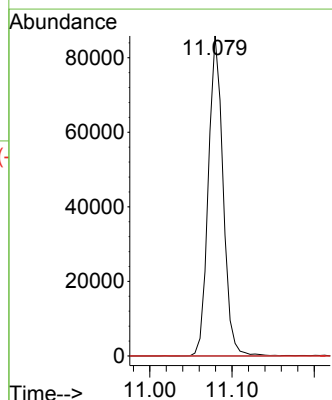
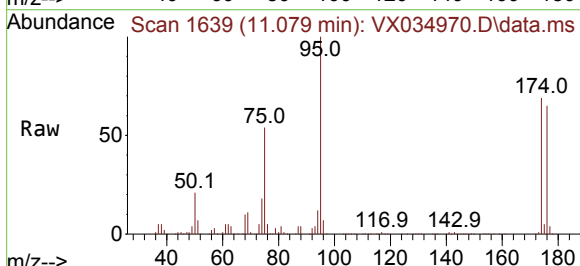
Tgt Ion: 75 Resp: 106919

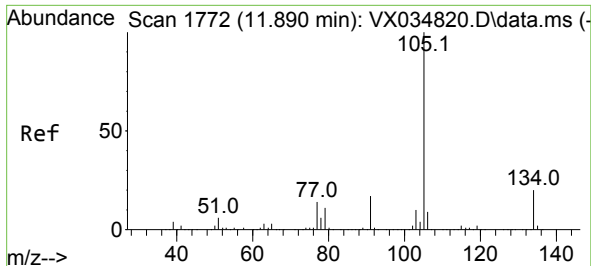
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

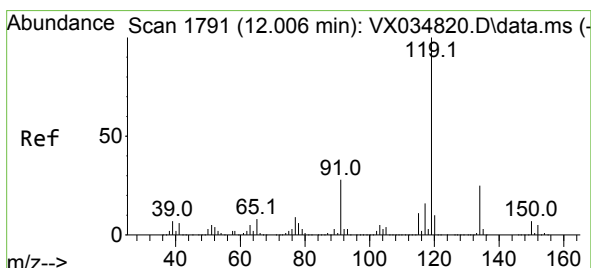
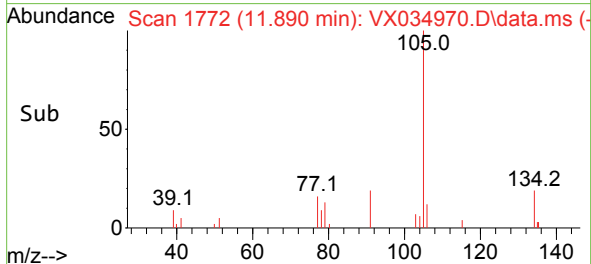
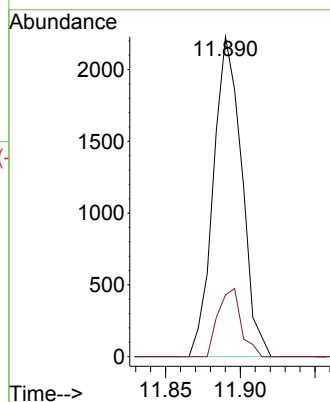
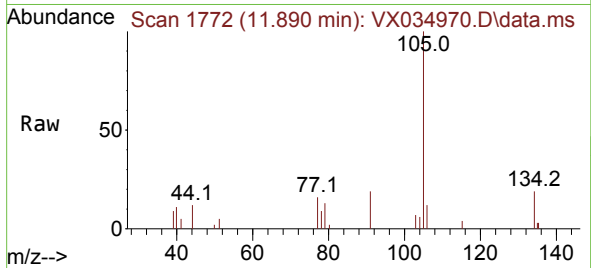




#85
 sec-Butylbenzene
 Concen: 0.236 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034970.D
 Acq: 07 Apr 2023 15:46

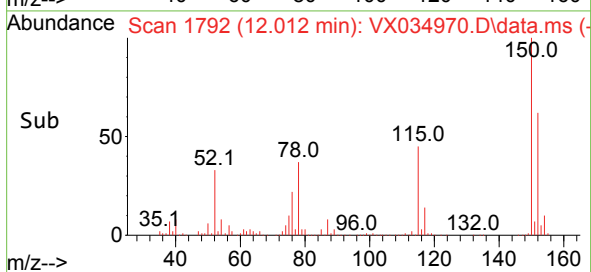
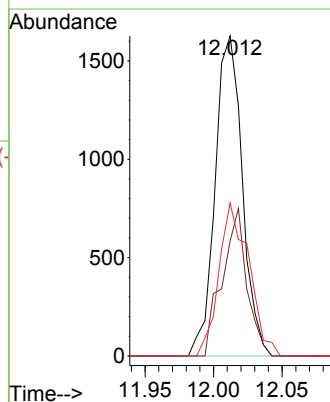
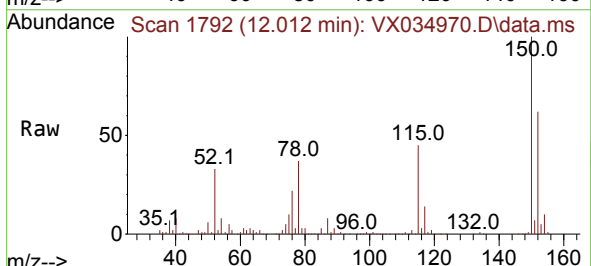
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407MBL01

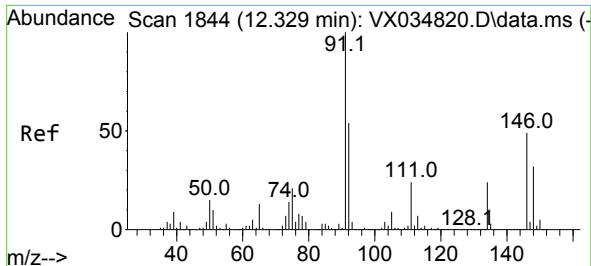
Tgt Ion:105 Resp: 2936
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.216 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034970.D
 Acq: 07 Apr 2023 15:46

Tgt Ion:119 Resp: 2244
 Ion Ratio Lower Upper
 119 100
 134 41.8 13.2 39.5#
 91 52.8 12.9 38.7#





#89

n-Butylbenzene

Concen: 0.559 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034970.D

Acq: 07 Apr 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

VX0407MBL01

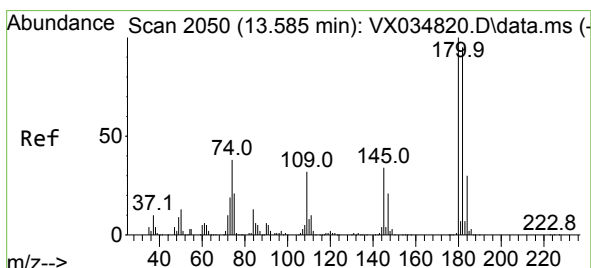
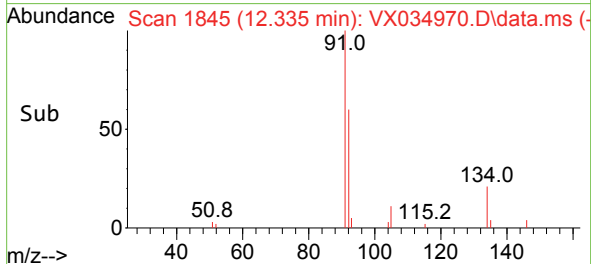
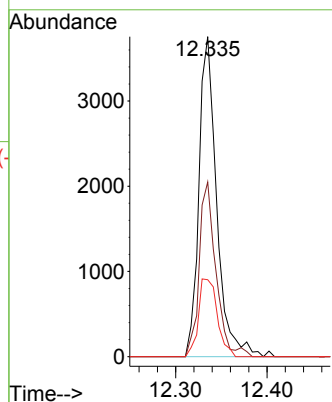
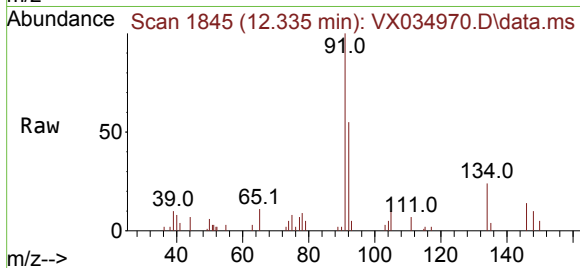
Tgt Ion: 91 Resp: 5076

Ion Ratio Lower Upper

91 100

92 51.5 27.7 83.0

134 25.8 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.553 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034970.D

Acq: 07 Apr 2023 15:46

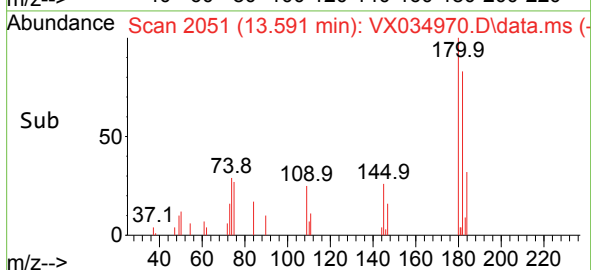
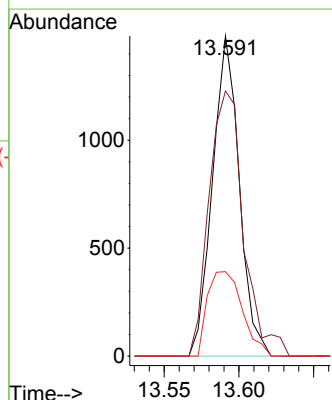
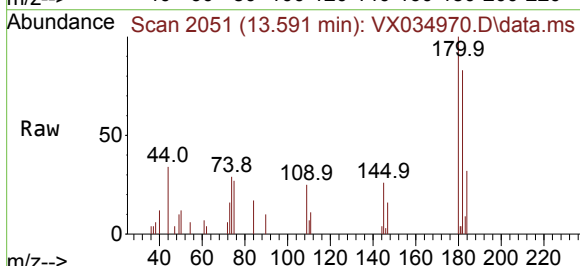
Tgt Ion: 180 Resp: 1843

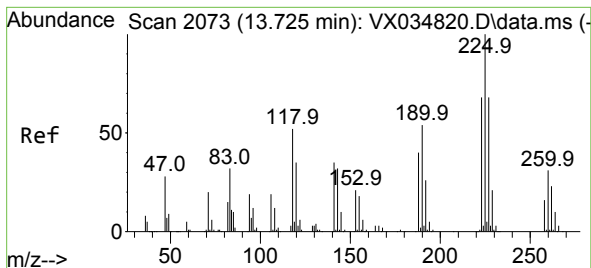
Ion Ratio Lower Upper

180 100

182 106.5 47.0 141.0

145 34.3 15.9 47.7





#94

Hexachlorobutadiene

Concen: 2.448 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034970.D

Acq: 07 Apr 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

VX0407MBL01

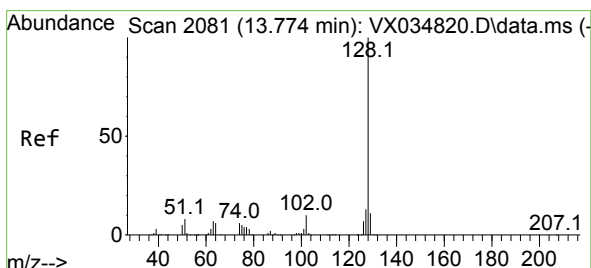
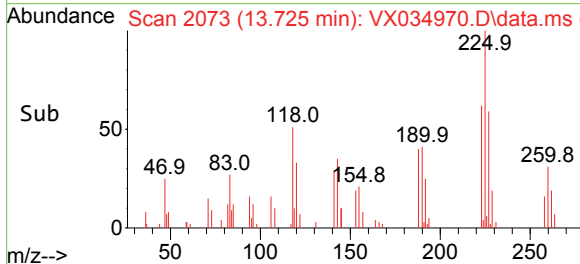
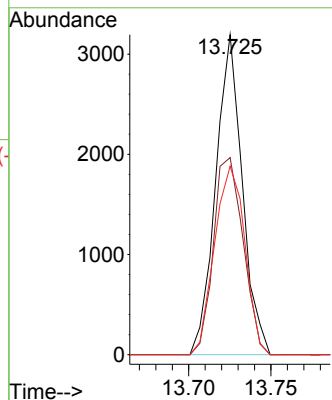
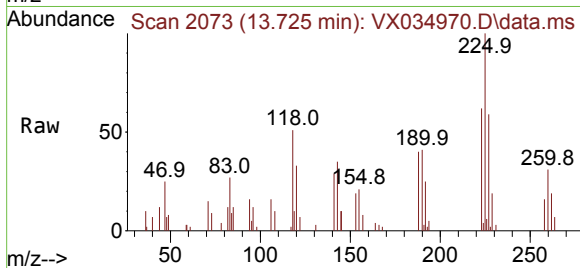
Tgt Ion:225 Resp: 3588

Ion Ratio Lower Upper

225 100

223 69.0 32.1 96.5

227 67.2 31.8 95.4



#95

Naphthalene

Concen: 0.472 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034970.D

Acq: 07 Apr 2023 15:46

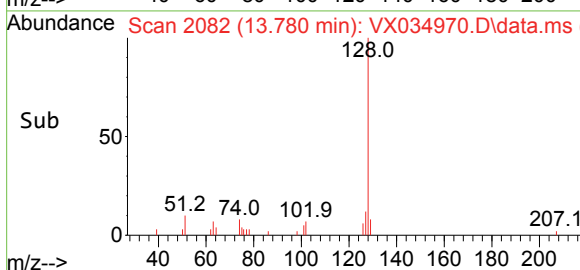
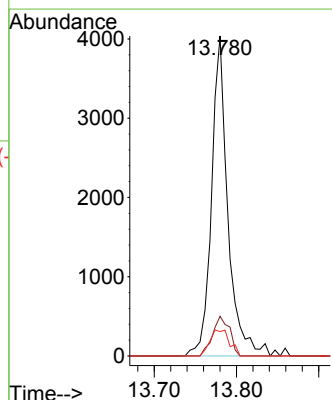
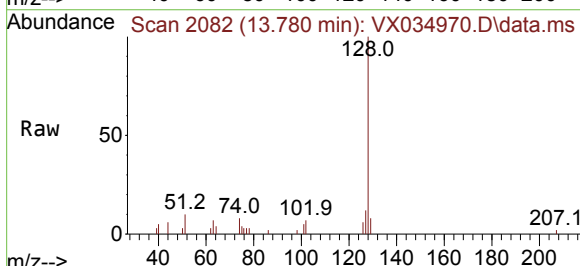
Tgt Ion:128 Resp: 5594

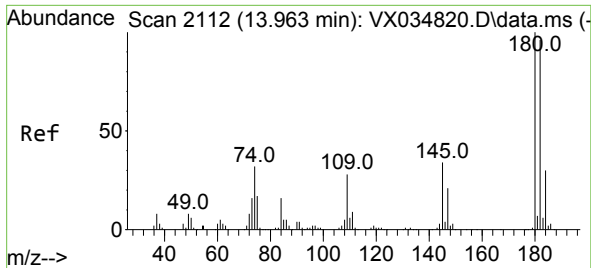
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

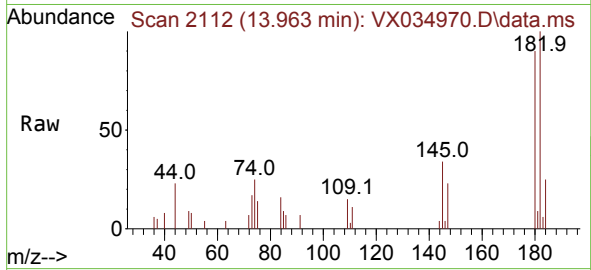
129 9.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.672 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX034970.D
 Acq: 07 Apr 2023 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407MBL01



Tgt Ion:180 Resp: 2259
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 38.3 17.7 53.1

