

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034680.D
 Acq On : 22 Mar 2023 18:20
 Operator : JC/MD
 Sample : 02032-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-2

Quant Time: Mar 23 07:56:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

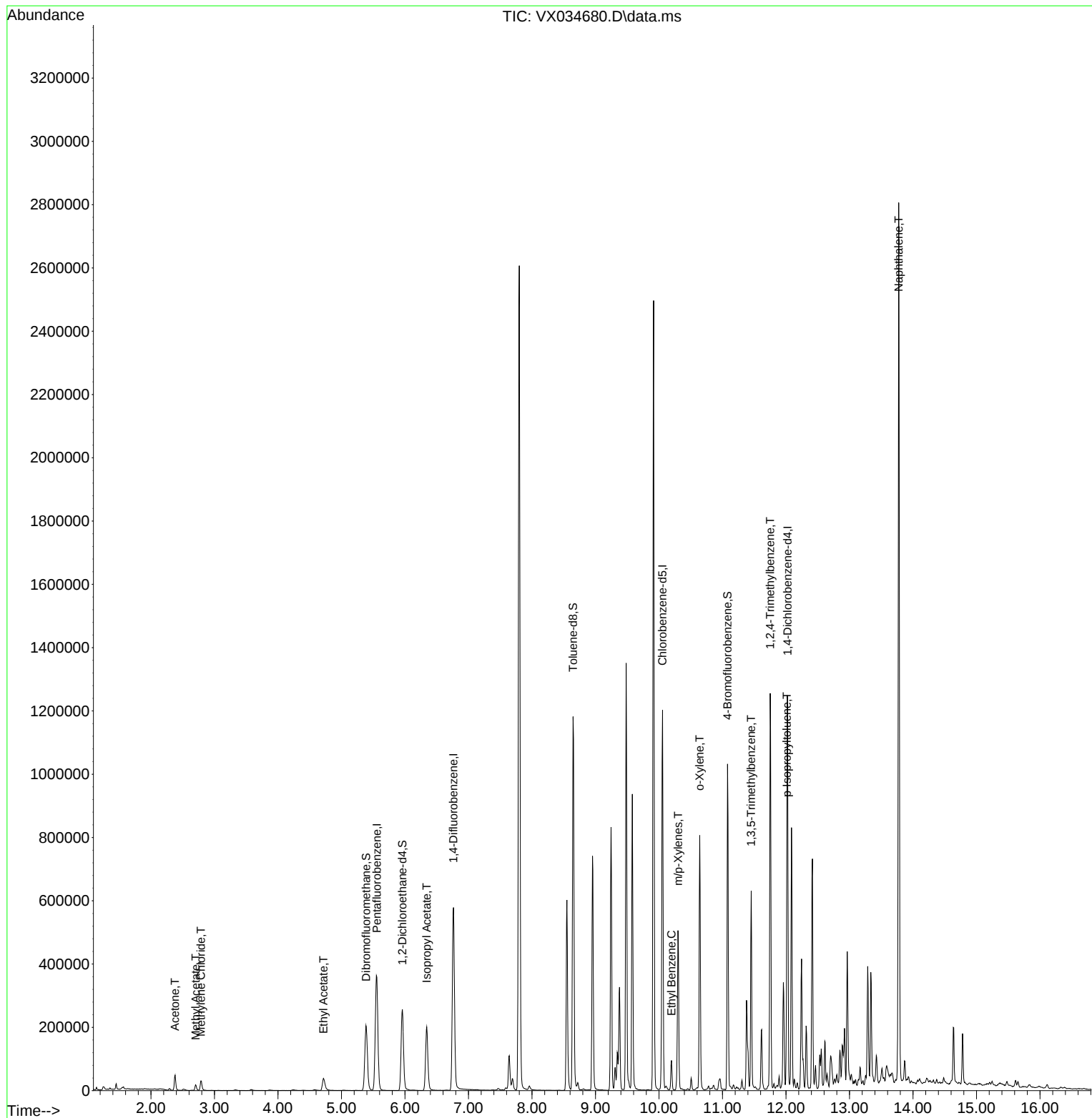
Internal Standards						
1) Pentafluorobenzene	5.556	168	333516	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	570355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	256592	52.884	ug/l	0.01
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.760%		
35) Dibromofluoromethane	5.385	113	178586	47.424	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.840%		
50) Toluene-d8	8.647	98	680419	48.402	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.800%		
62) 4-Bromofluorobenzene	11.079	95	268733	47.327	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.660%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	51148	22.379	ug/l	95
18) Methyl Acetate	2.703	43	21164	2.834	ug/l	96
20) Methylene Chloride	2.788	84	14912	3.362	ug/l	97
37) Ethyl Acetate	4.715	43	69339	10.973	ug/l	99
43) Isopropyl Acetate	6.342	43	276486	25.829	ug/l	100
67) Ethyl Benzene	10.195	91	54129	2.739	ug/l	91
68) m/p-Xylenes	10.299	106	110182	14.515	ug/l	96
69) o-Xylene	10.640	106	117839	15.469	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	254134	16.172	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	537356	33.459	ug/l	99
86) p-Isopropyltoluene	12.012	119	57814	3.551	ug/l	98
95) Naphthalene	13.774	128	1613804	90.417	ug/l	99

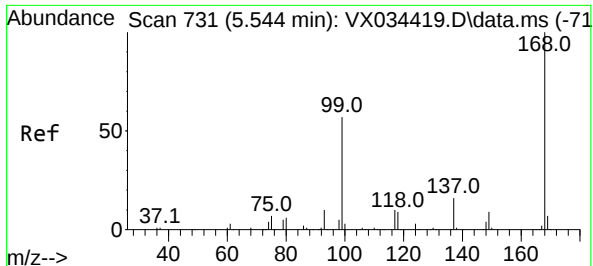
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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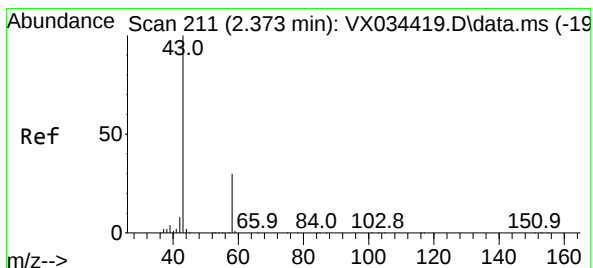
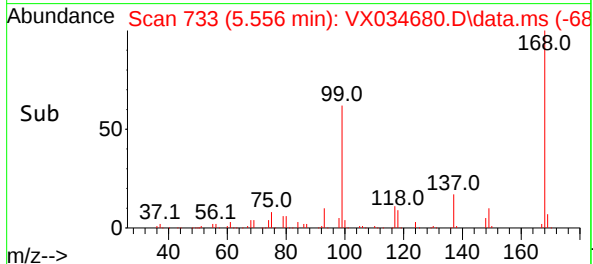
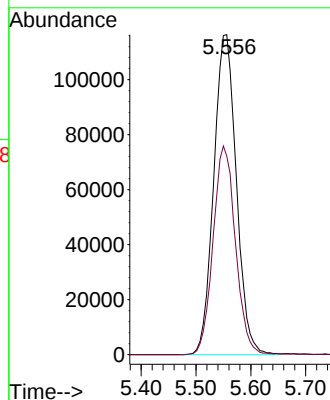
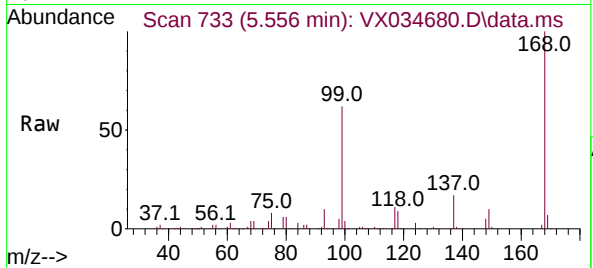




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

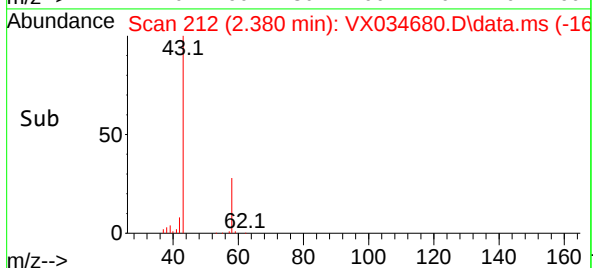
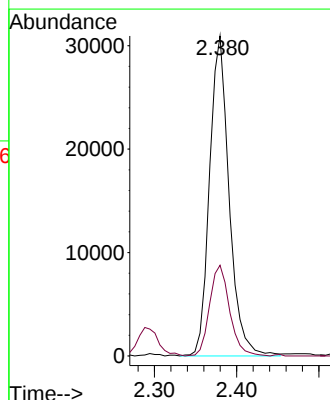
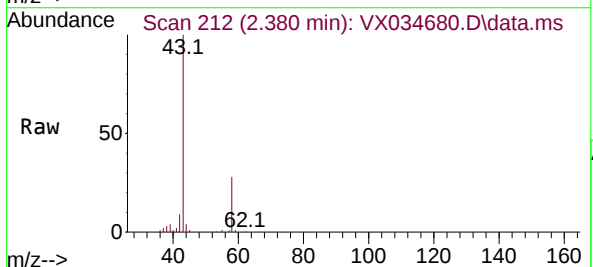
Instrument :
MSVOA_X
ClientSampleId :
S-2

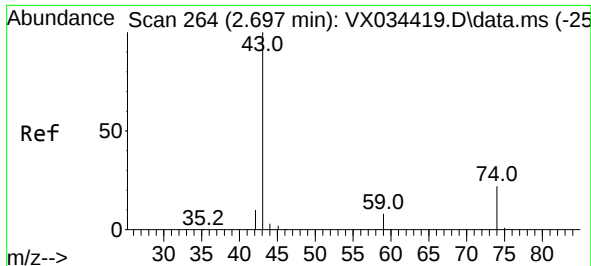
Tgt Ion:168 Resp: 333516
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5



#16
Acetone
Concen: 22.379 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Tgt Ion: 43 Resp: 51148
Ion Ratio Lower Upper
43 100
58 28.0 24.7 37.1

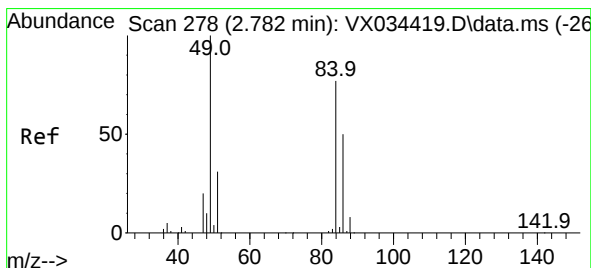
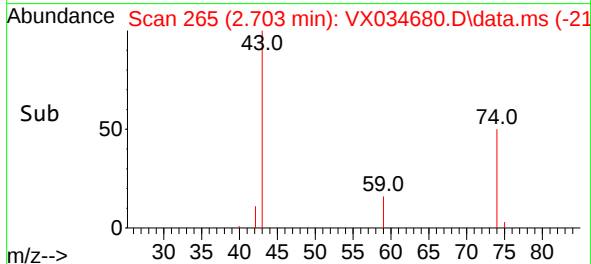
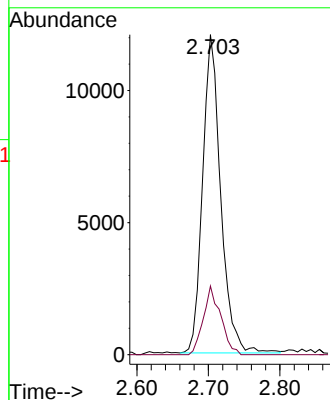
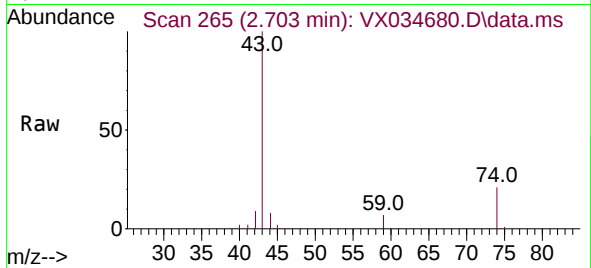




#18
Methyl Acetate
Concen: 2.834 ug/l
RT: 2.703 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

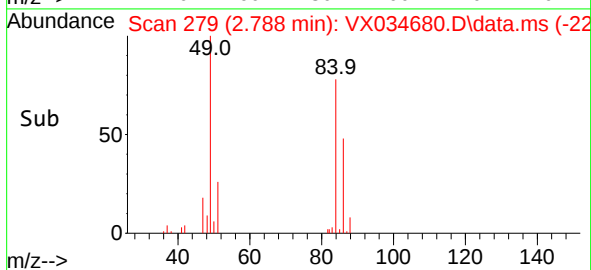
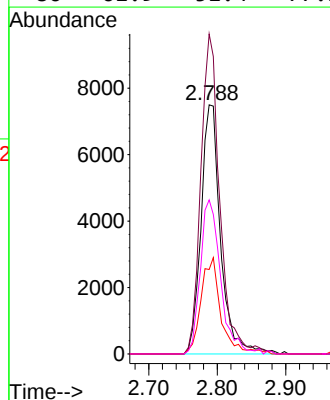
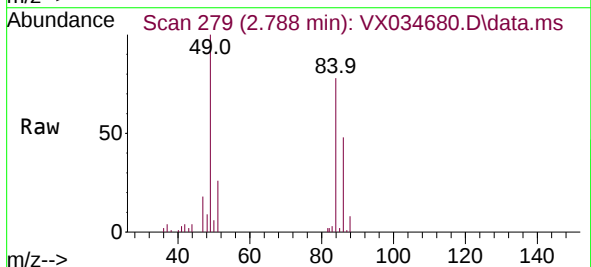
Instrument :
MSVOA_X
ClientSampleId :
S-2

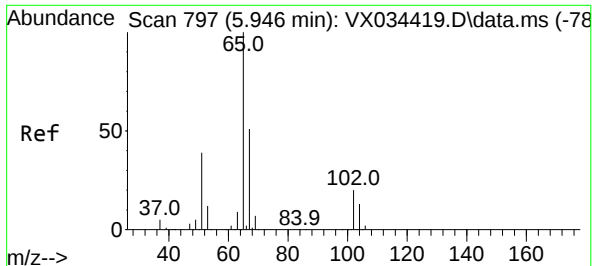
Tgt Ion: 43 Resp: 21164
Ion Ratio Lower Upper
43 100
74 20.8 18.3 27.5



#20
Methylene Chloride
Concen: 3.362 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Tgt Ion: 84 Resp: 14912
Ion Ratio Lower Upper
84 100
49 128.5 103.8 155.8
51 33.9 31.8 47.8
86 61.9 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034680.D

Acq: 22 Mar 2023 18:20

Instrument :

MSVOA_X

ClientSampleId :

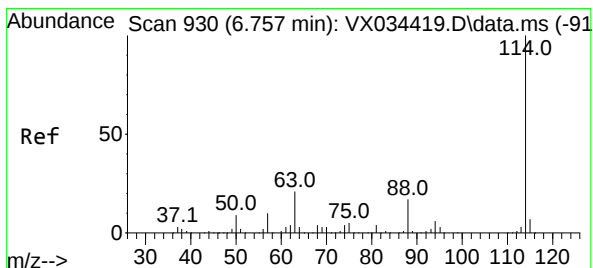
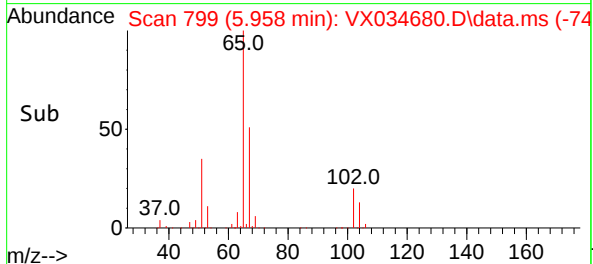
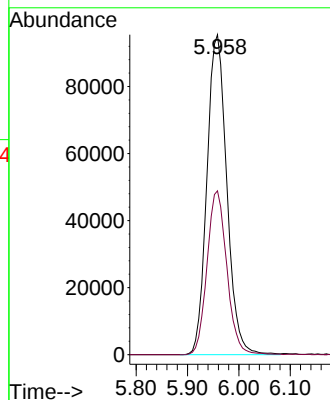
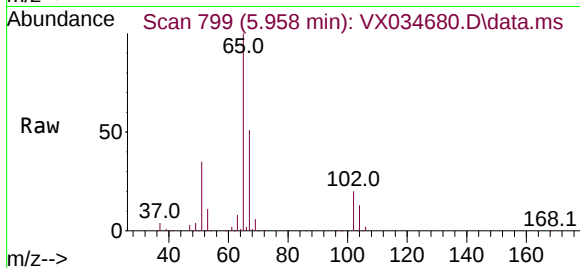
S-2

Tgt Ion: 65 Resp: 256592

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034680.D

Acq: 22 Mar 2023 18:20

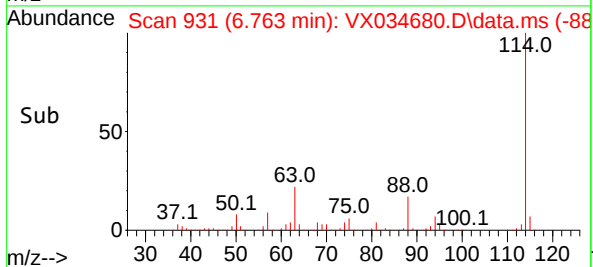
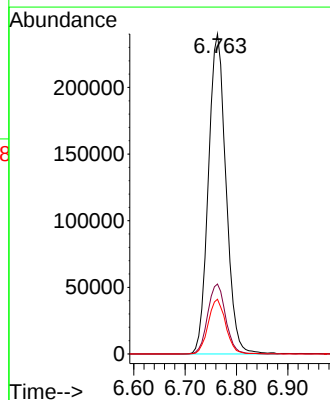
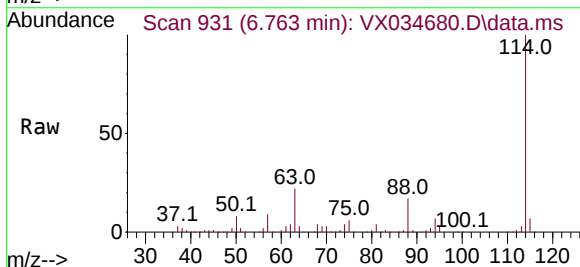
Tgt Ion: 114 Resp: 570355

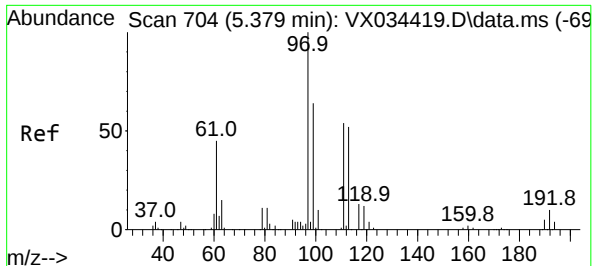
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 17.1 0.0 33.2

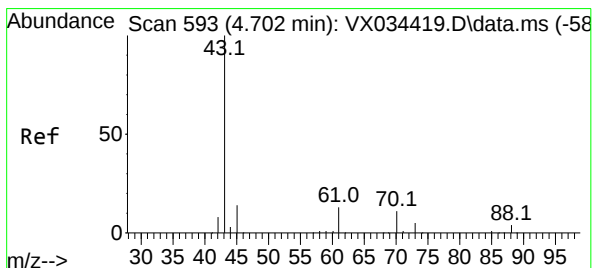
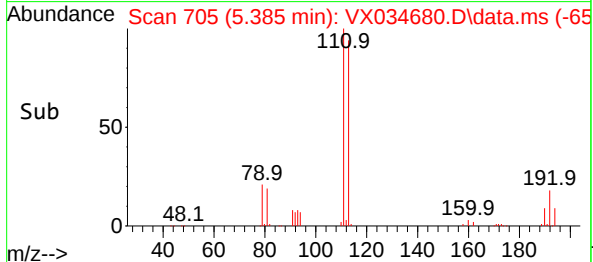
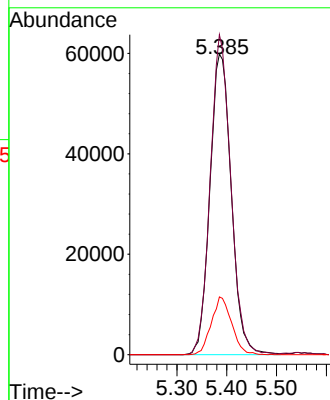
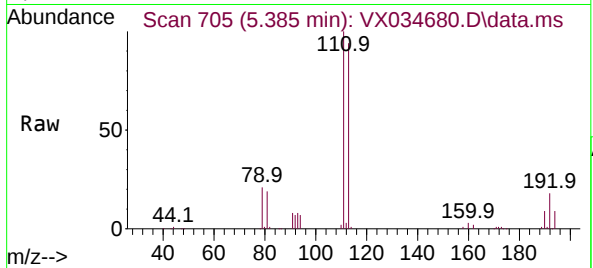




#35
Dibromofluoromethane
Concen: 47.424 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

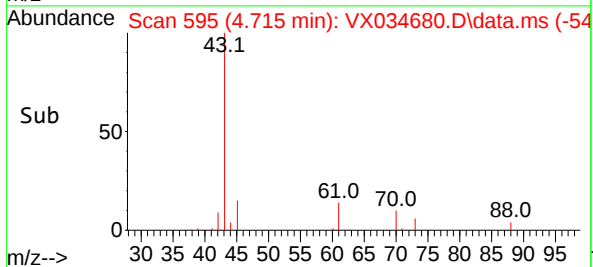
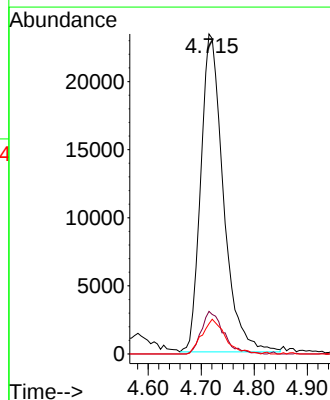
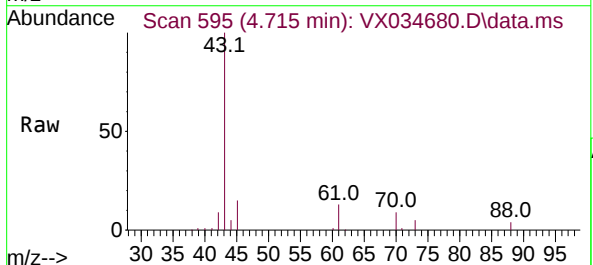
Instrument :
MSVOA_X
ClientSampleId :
S-2

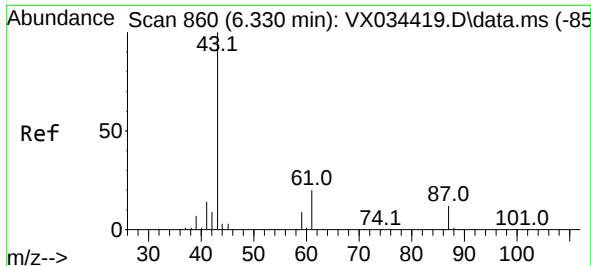
Tgt Ion:113 Resp: 178586
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.2 15.4 23.2



#37
Ethyl Acetate
Concen: 10.973 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Tgt Ion: 43 Resp: 69339
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 11.1 8.2 12.4





#43

Isopropyl Acetate

Concen: 25.829 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034680.D

Acq: 22 Mar 2023 18:20

Instrument :

MSVOA_X

ClientSampleId :

S-2

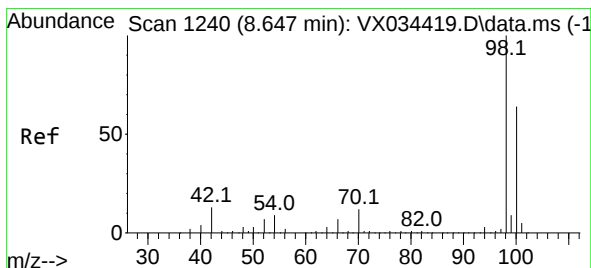
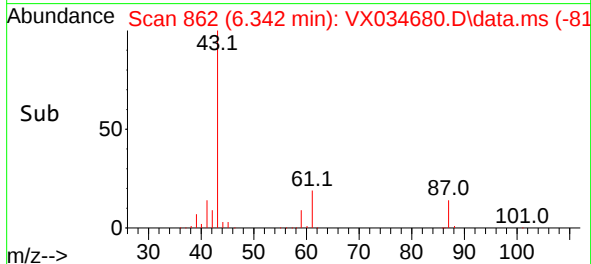
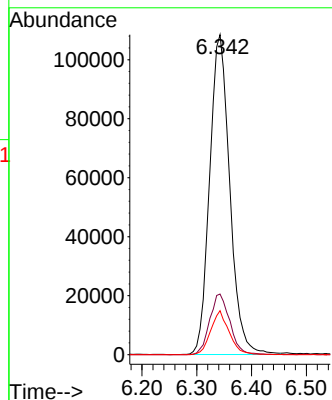
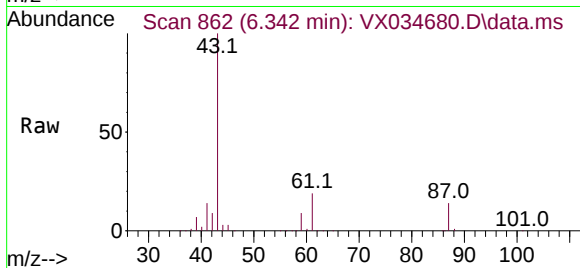
Tgt Ion: 43 Resp: 276486

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

87 12.6 9.8 14.8



#50

Toluene-d8

Concen: 48.402 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034680.D

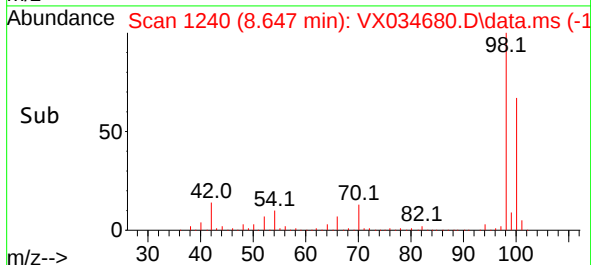
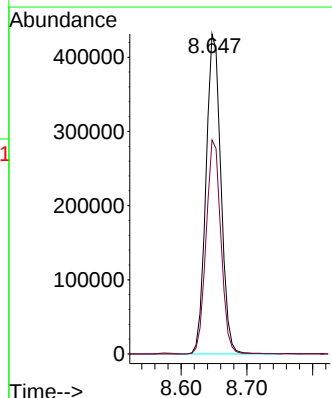
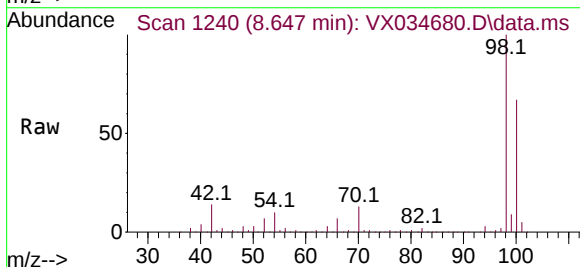
Acq: 22 Mar 2023 18:20

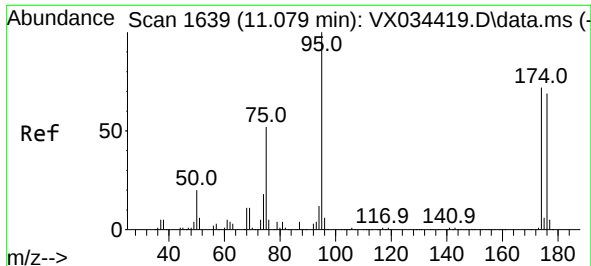
Tgt Ion: 98 Resp: 680419

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

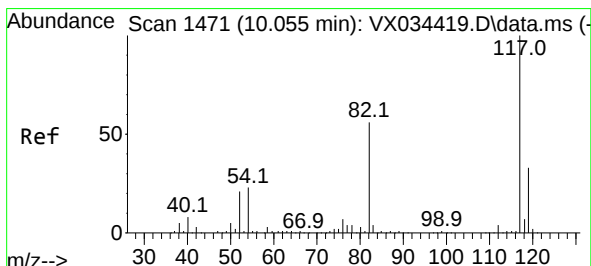
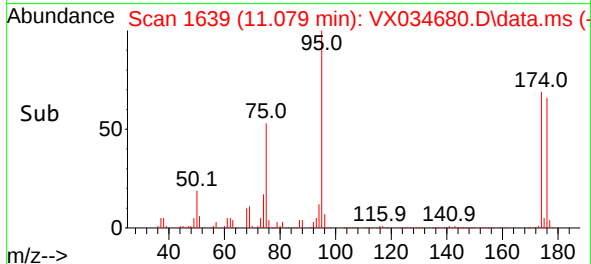
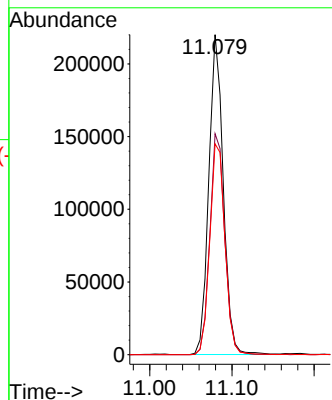
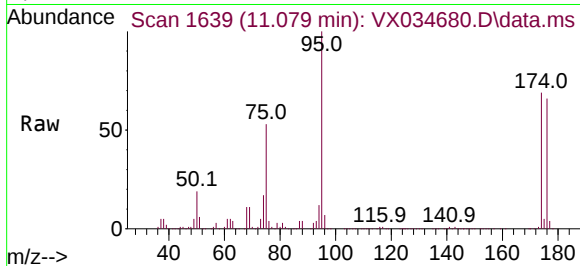




#62
4-Bromofluorobenzene
Concen: 47.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

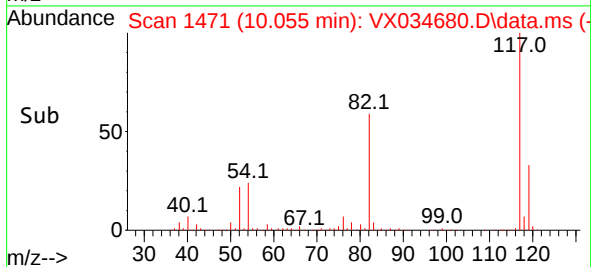
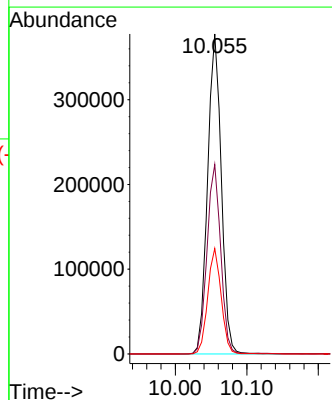
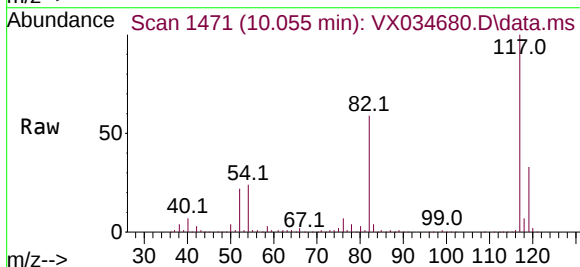
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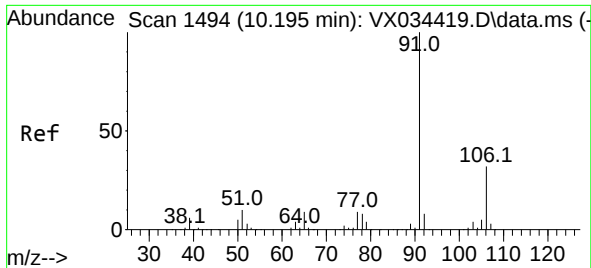
Tgt Ion: 95 Resp: 268733
Ion Ratio Lower Upper
95 100
174 71.1 0.0 147.4
176 69.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Tgt Ion: 117 Resp: 503092
Ion Ratio Lower Upper
117 100
82 59.2 45.0 67.4
119 32.9 26.0 39.0

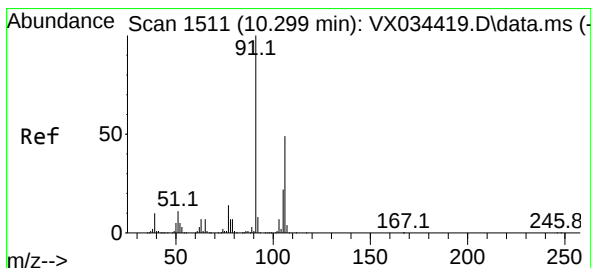
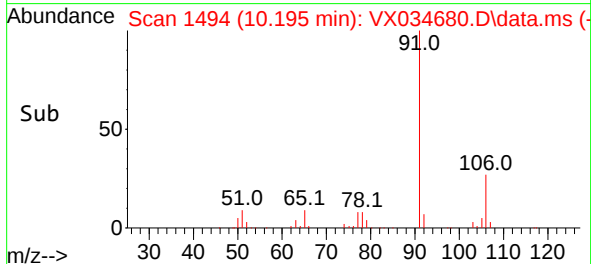
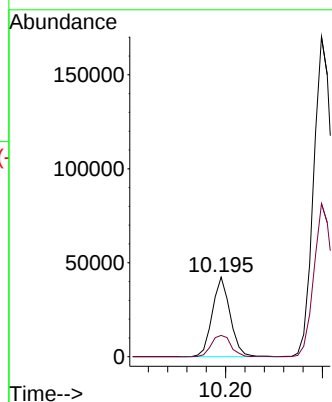
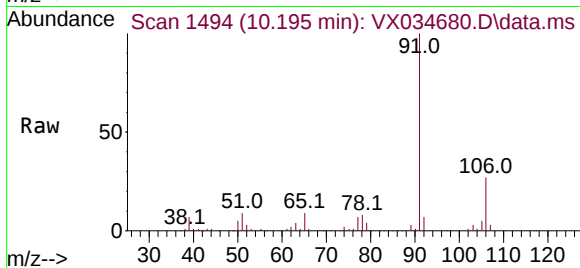




#67
Ethyl Benzene
Concen: 2.739 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

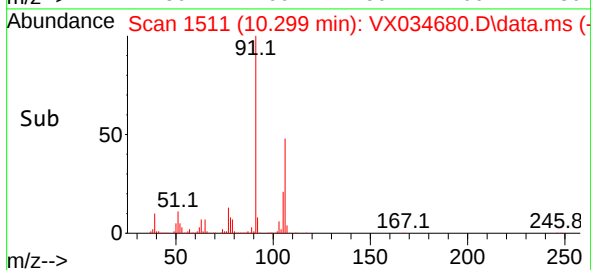
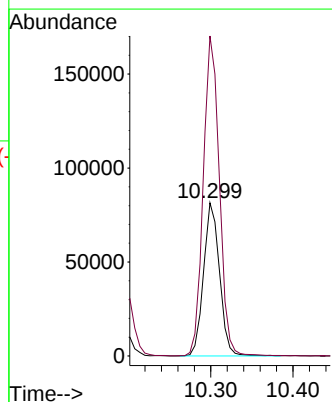
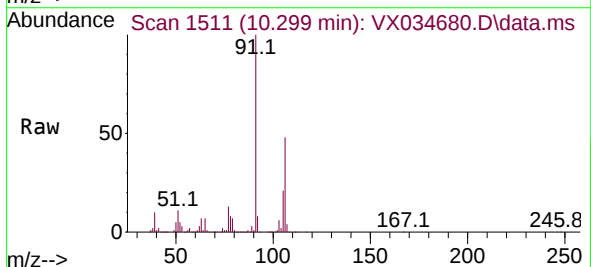
Instrument :
MSVOA_X
ClientSampleId :
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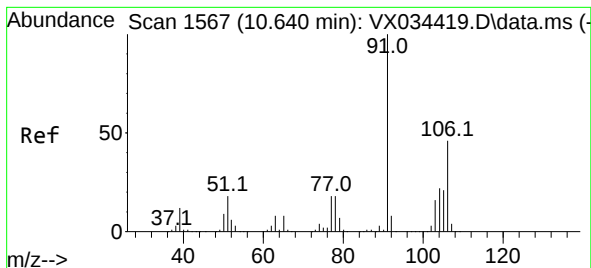
Tgt Ion: 91 Resp: 54129
Ion Ratio Lower Upper
91 100
106 26.7 25.6 38.4



#68
m/p-Xylenes
Concen: 14.515 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Tgt Ion: 106 Resp: 110182
Ion Ratio Lower Upper
106 100
91 210.5 164.0 246.0





#69

o-Xylene

Concen: 15.469 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034680.D

Acq: 22 Mar 2023 18:20

Instrument :

MSVOA_X

ClientSampleId :

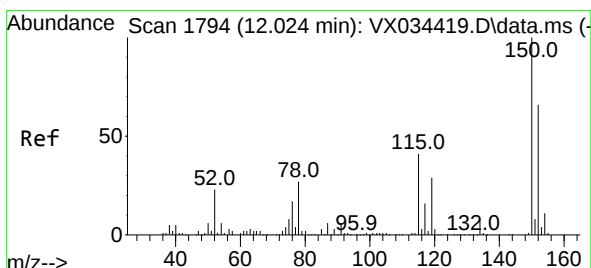
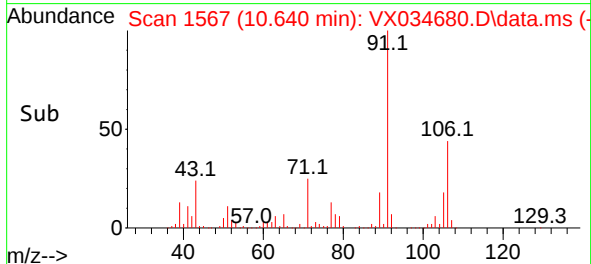
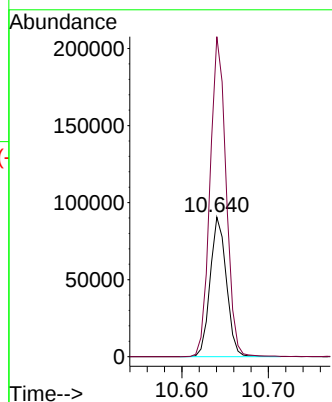
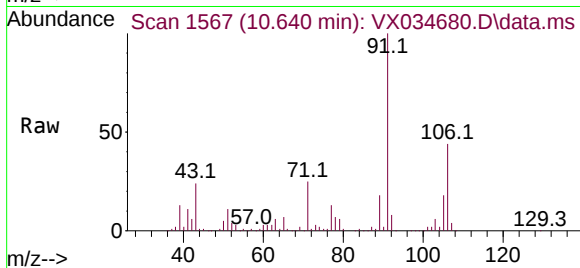
S-2

Tgt Ion:106 Resp: 117839

Ion Ratio Lower Upper

106 100

91 227.1 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034680.D

Acq: 22 Mar 2023 18:20

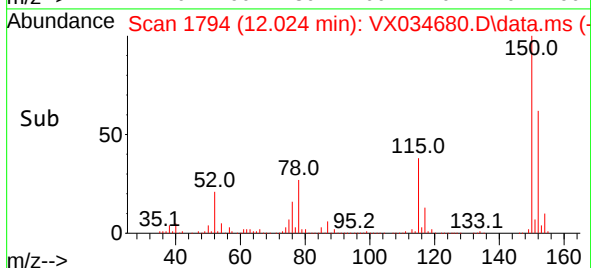
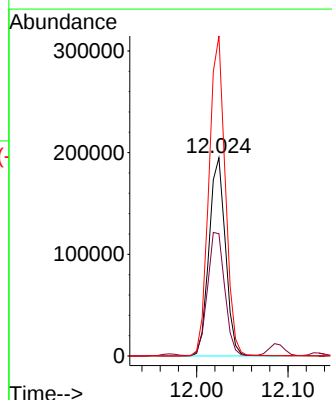
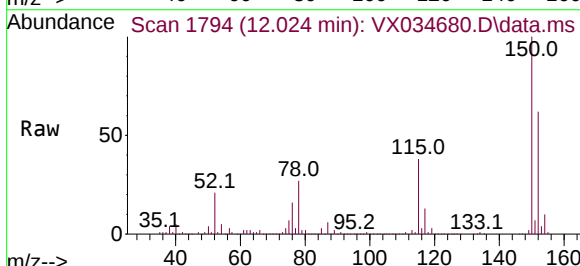
Tgt Ion:152 Resp: 242410

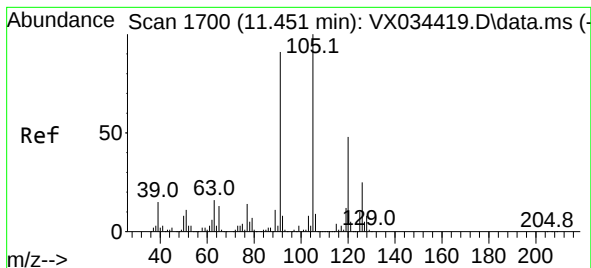
Ion Ratio Lower Upper

152 100

115 64.9 45.0 135.0

150 160.8 0.0 352.4





#80

1,3,5-Trimethylbenzene

Concen: 16.172 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034680.D

Acq: 22 Mar 2023 18:20

Instrument :

MSVOA_X

ClientSampleId :

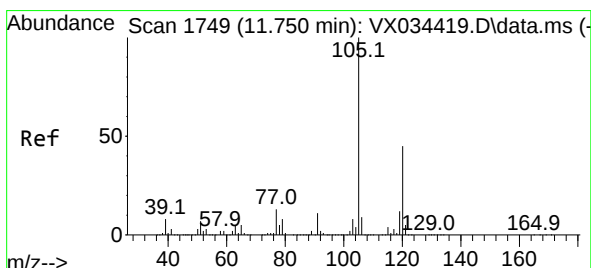
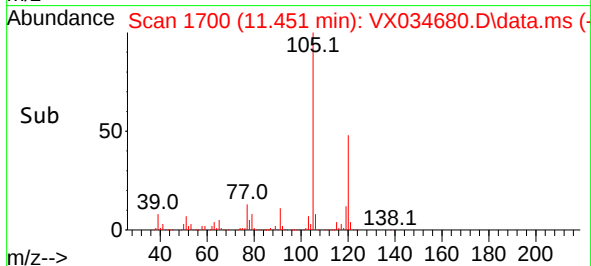
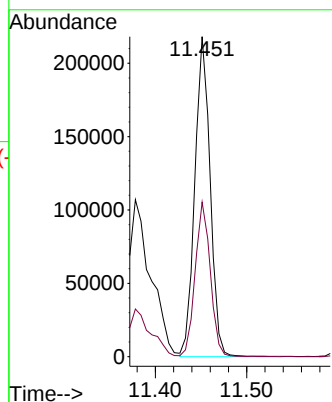
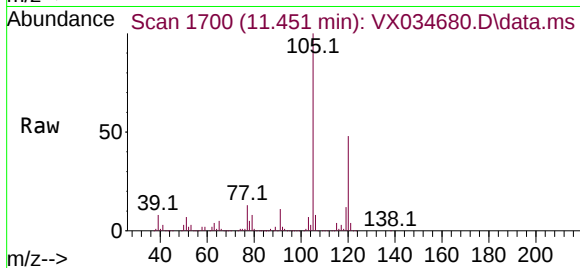
S-2

Tgt Ion:105 Resp: 254134

Ion Ratio Lower Upper

105 100

120 47.9 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 33.459 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034680.D

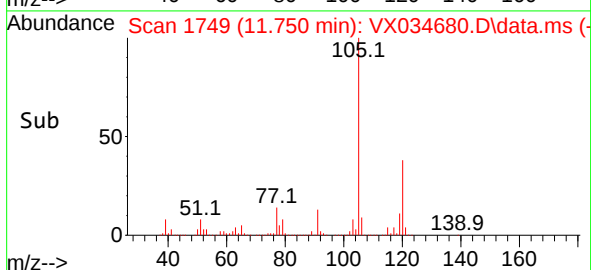
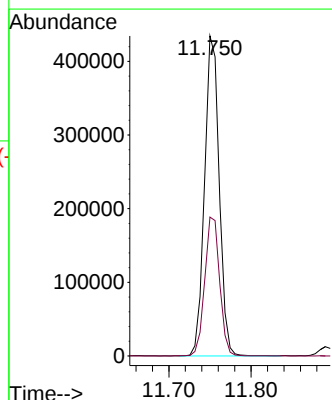
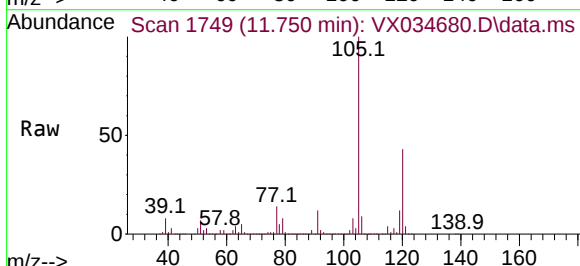
Acq: 22 Mar 2023 18:20

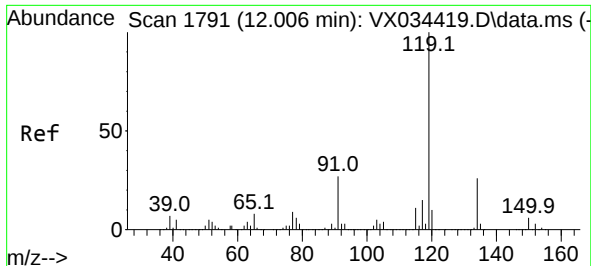
Tgt Ion:105 Resp: 537356

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.0

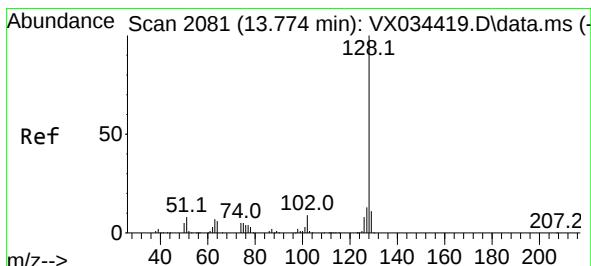
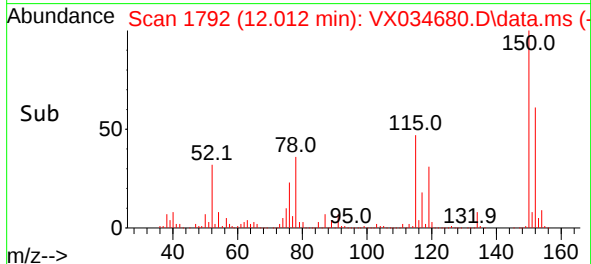
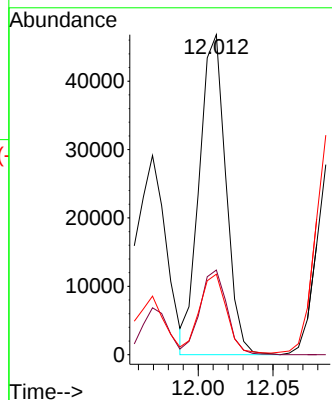
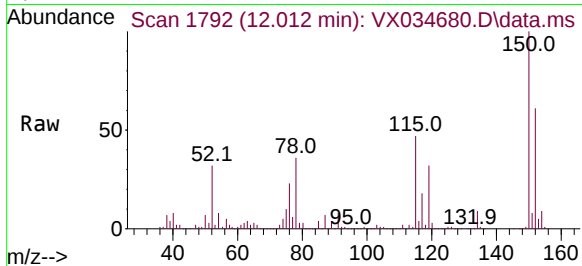




#86
p-Isopropyltoluene
Concen: 3.551 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Instrument :
MSVOA_X
ClientSampleId :
S-2

Tgt Ion:119 Resp: 57814
Ion Ratio Lower Upper
119 100
134 27.0 13.2 39.5
91 24.9 12.9 38.7



#95
Naphthalene
Concen: 90.417 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034680.D
Acq: 22 Mar 2023 18:20

Tgt Ion:128 Resp: 1613804
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.6 13.0

