

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034798.D
 Acq On : 28 Mar 2023 17:13
 Operator : JC/MD
 Sample : 02065-02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1161

Quant Time: Mar 28 17:39:29 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)

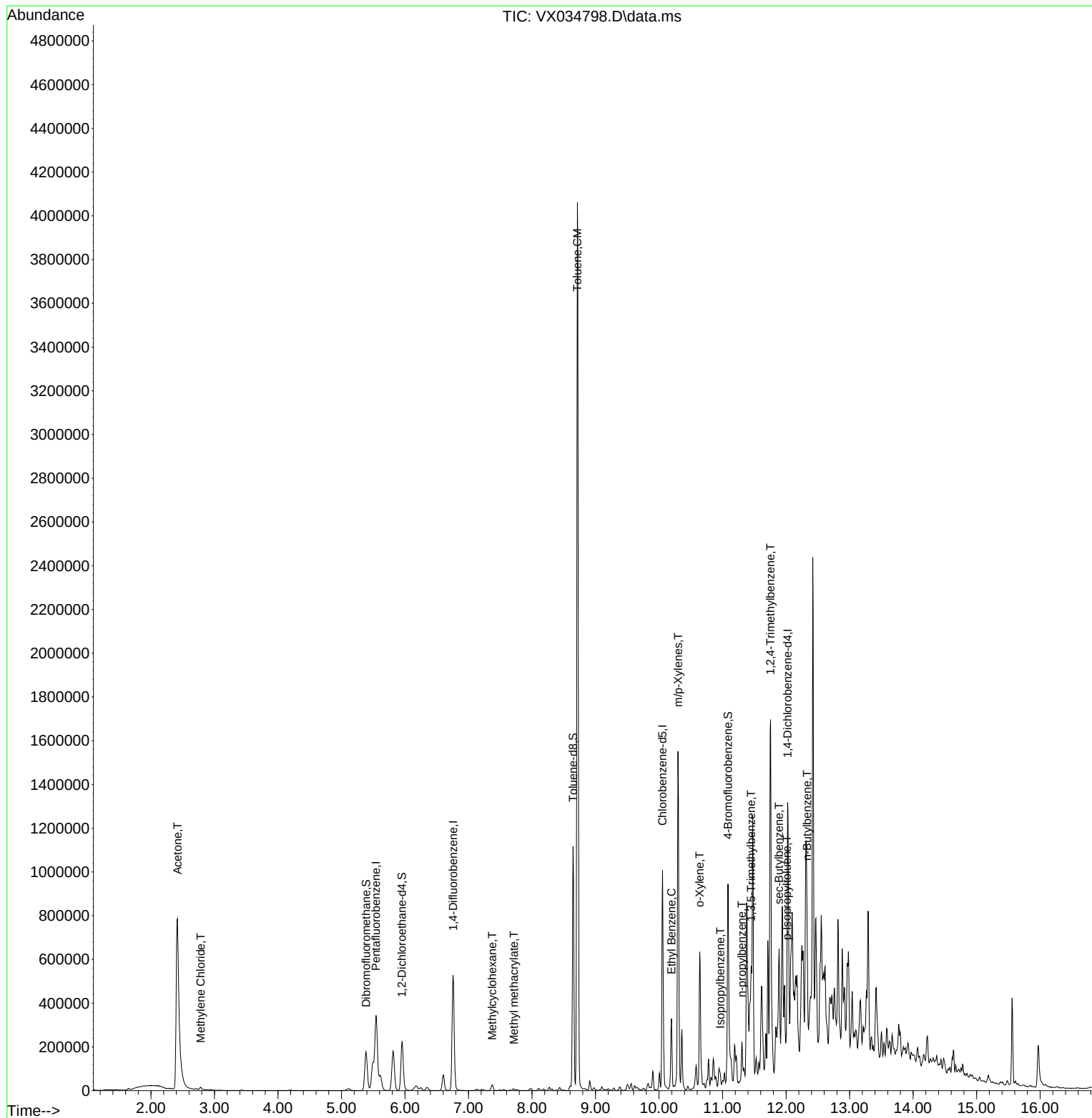
Internal Standards						
1) Pentafluorobenzene	5.544	168	315377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	526117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	216689	47.228	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.460%		
35) Dibromofluoromethane	5.385	113	152649	43.945	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.880%		
50) Toluene-d8	8.647	98	632482	48.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.085	95	226142	43.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.340%		
Target Compounds					Qvalue	
16) Acetone	2.416	43	1692898	783.305	ug/l	95
20) Methylene Chloride	2.782	84	6705	1.599	ug/l #	92
39) Methylcyclohexane	7.373	83	11423	1.789	ug/l	99
48) Methyl methacrylate	7.714	41	6060	1.276	ug/l #	85
52) Toluene	8.714	92	1521632	157.470	ug/l	98
67) Ethyl Benzene	10.195	91	184556	10.278	ug/l	96
68) m/p-Xylenes	10.299	106	349908	50.725	ug/l	98
69) o-Xylene	10.640	106	140762	20.334	ug/l	97
73) Isopropylbenzene	10.963	105	28182	1.774	ug/l	99
78) n-propylbenzene	11.305	91	117971	6.431	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	164455	12.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	648665	47.641	ug/l	100
85) sec-Butylbenzene	11.890	105	35916	2.187	ug/l	82
86) p-Isopropyltoluene	12.012	119	22289	1.615	ug/l	100
89) n-Butylbenzene	12.329	91	91836	7.485	ug/l #	46

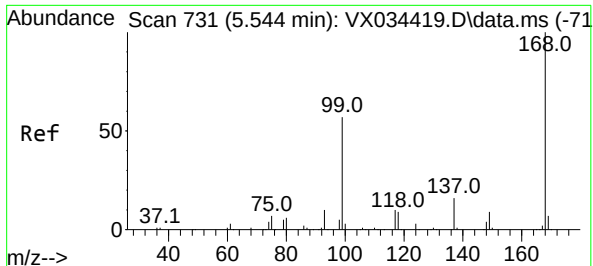
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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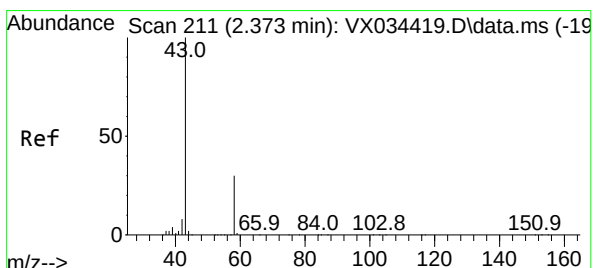
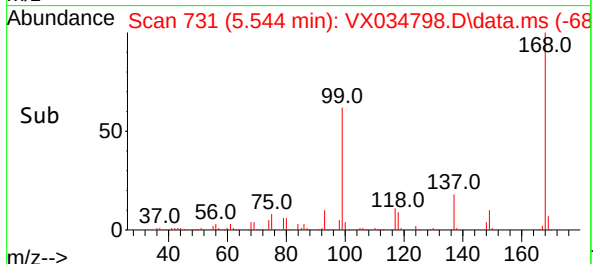
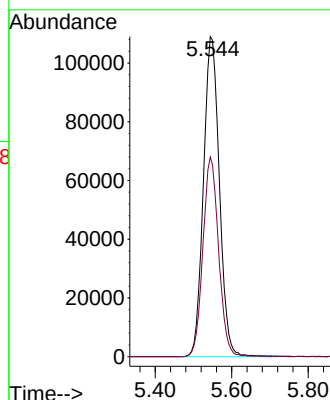
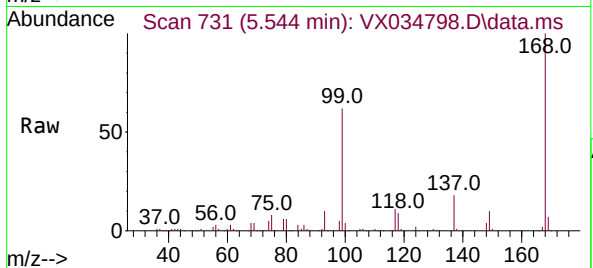




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

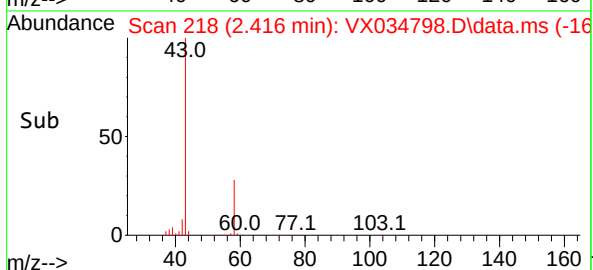
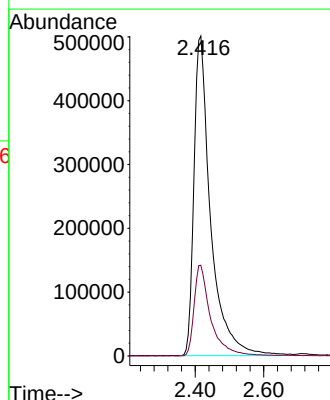
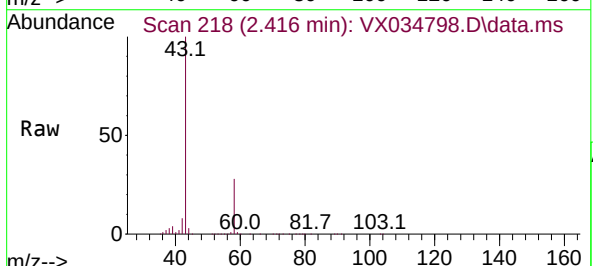
Instrument :
MSVOA_X
ClientSampleId :
1161

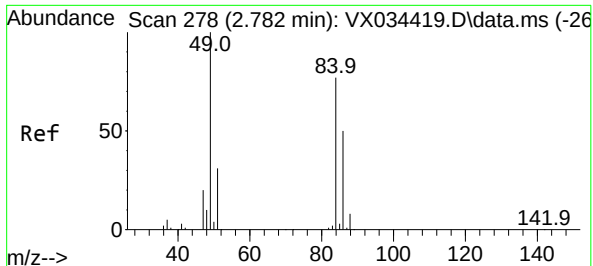
Tgt Ion:168 Resp: 315377
Ion Ratio Lower Upper
168 100
99 62.4 45.7 68.5



#16
Acetone
Concen: 783.305 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.043 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

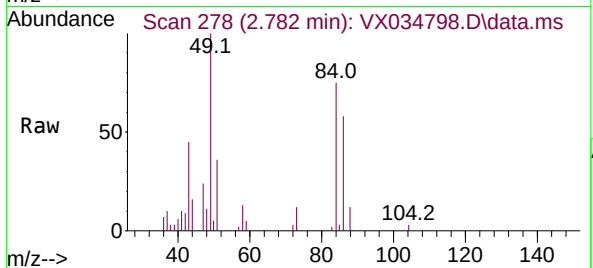
Tgt Ion: 43 Resp: 1692898
Ion Ratio Lower Upper
43 100
58 28.3 24.7 37.1





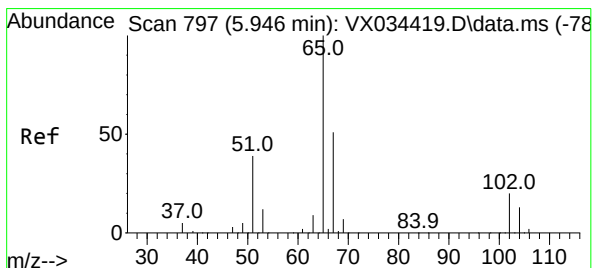
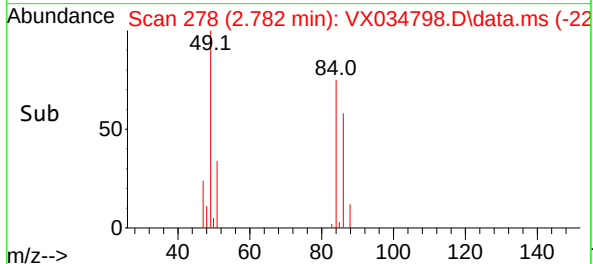
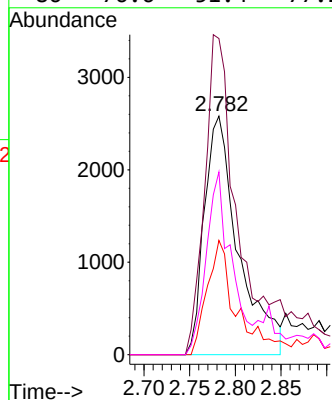
#20
Methylene Chloride
Concen: 1.599 ug/l
RT: 2.782 min Scan# 21161
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 6705

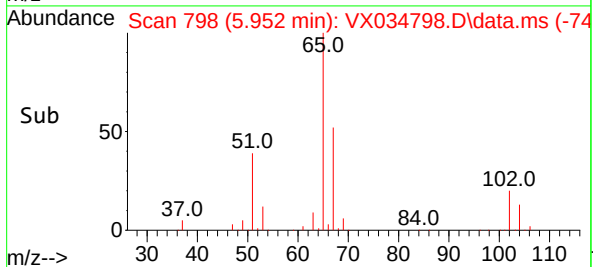
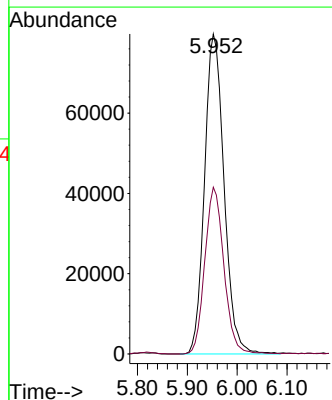
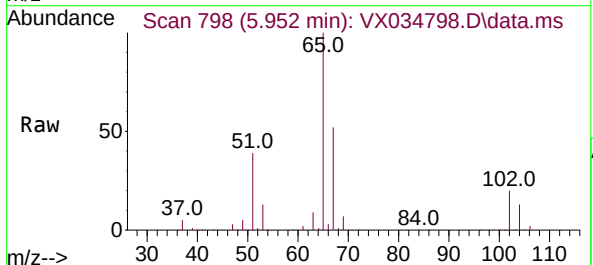
Ion	Ratio	Lower	Upper
84	100		
49	132.5	103.8	155.8
51	47.9	31.8	47.8#
86	76.6	51.4	77.2

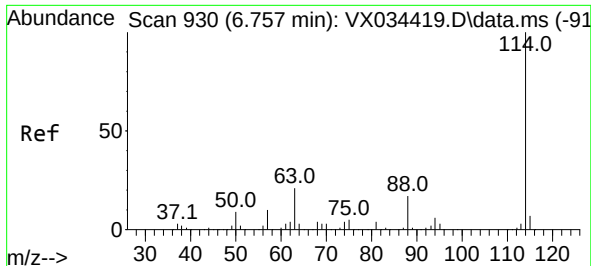


#33
1,2-Dichloroethane-d4
Concen: 47.228 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion: 65 Resp: 216689

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0

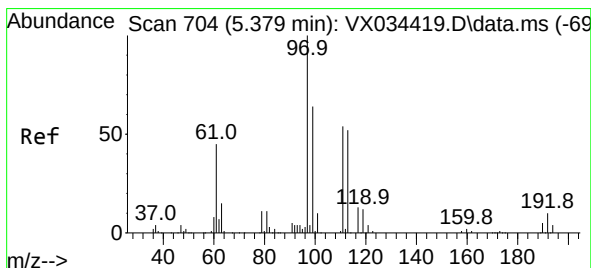
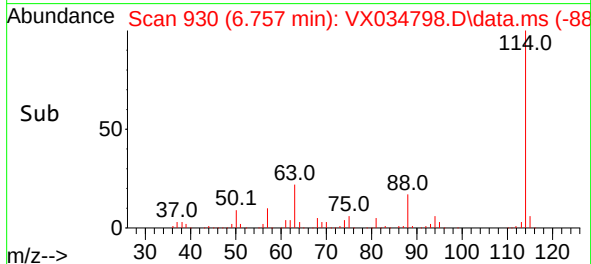
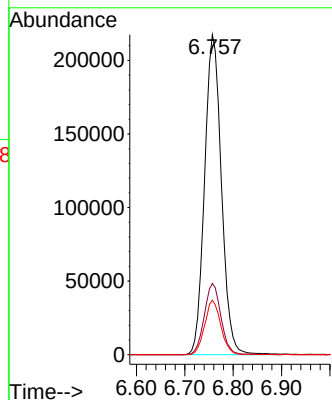
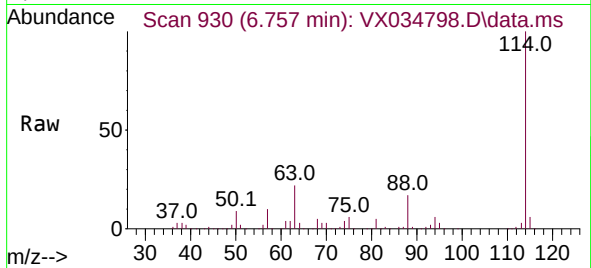




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

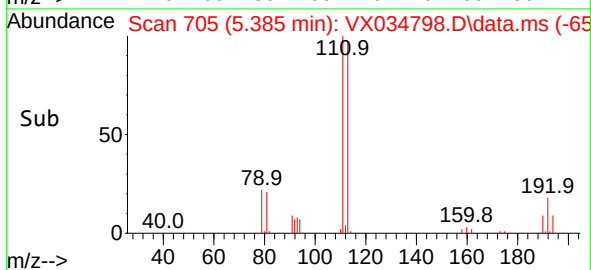
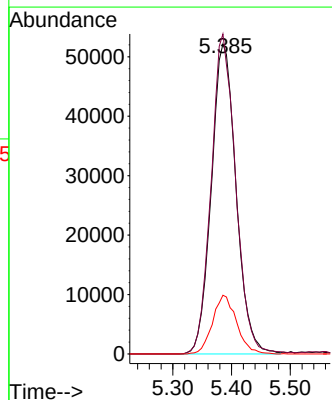
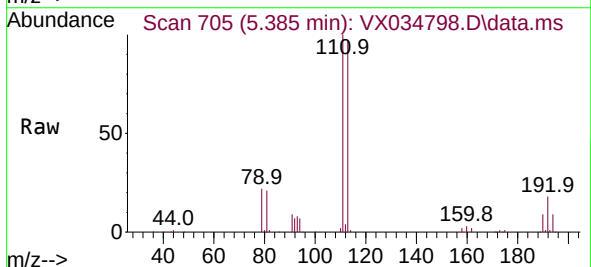
Instrument :
MSVOA_X
ClientSampleId :
1161

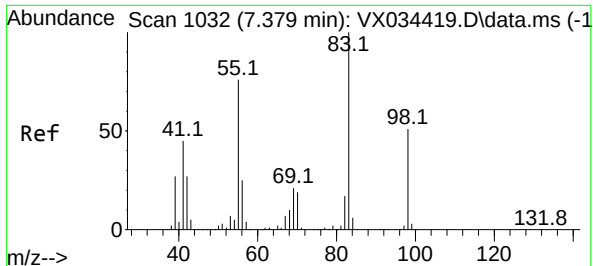
Tgt Ion:114 Resp: 526117
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 43.945 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion:113 Resp: 152649
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.4 15.4 23.2





#39

Methylcyclohexane

Concen: 1.789 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX034798.D

Acq: 28 Mar 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

1161

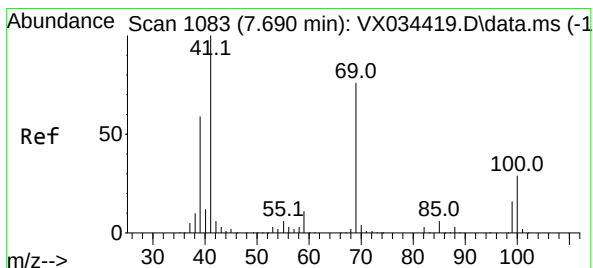
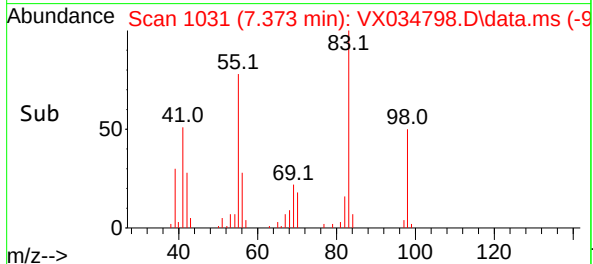
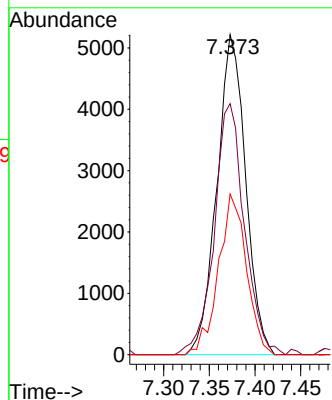
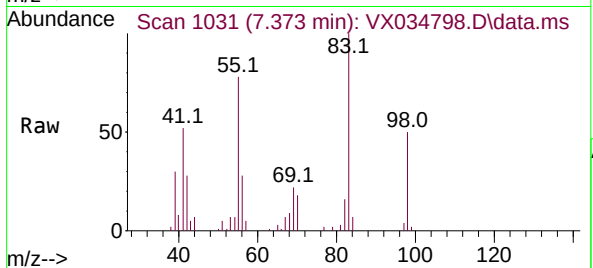
Tgt Ion: 83 Resp: 11423

Ion Ratio Lower Upper

83 100

55 77.4 60.5 90.7

98 50.2 40.4 60.6



#48

Methyl methacrylate

Concen: 1.276 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.024 min

Lab File: VX034798.D

Acq: 28 Mar 2023 17:13

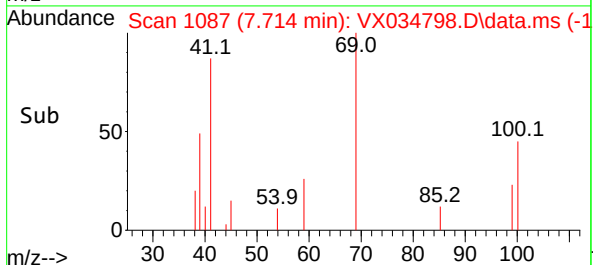
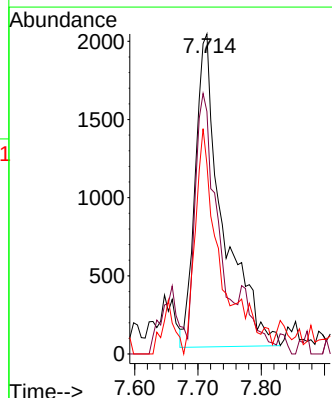
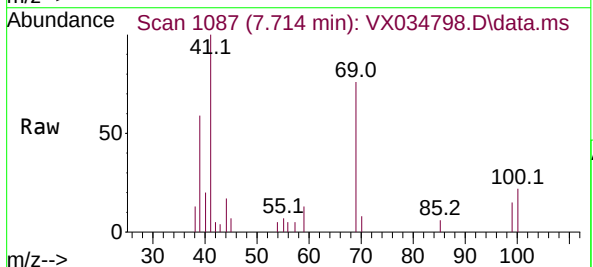
Tgt Ion: 41 Resp: 6060

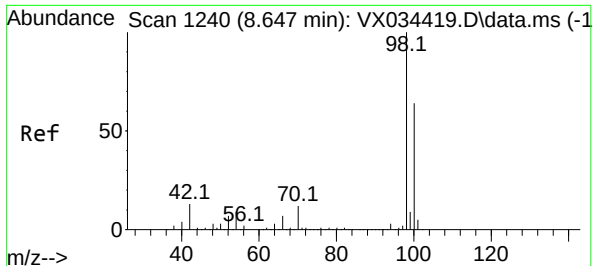
Ion Ratio Lower Upper

41 100

69 59.7 62.2 93.4#

39 64.8 47.7 71.5

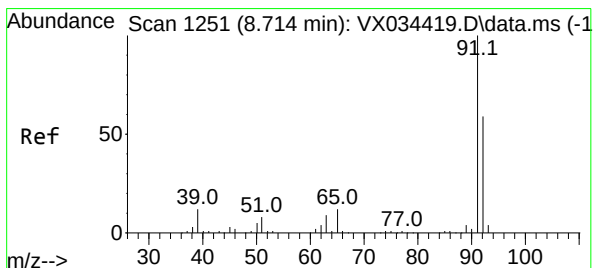
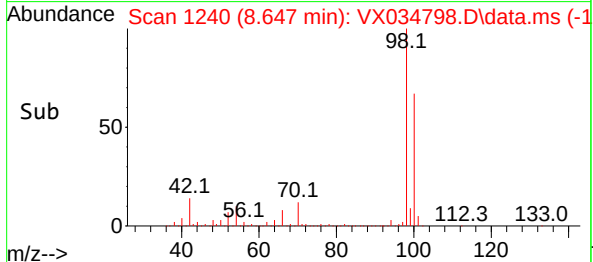
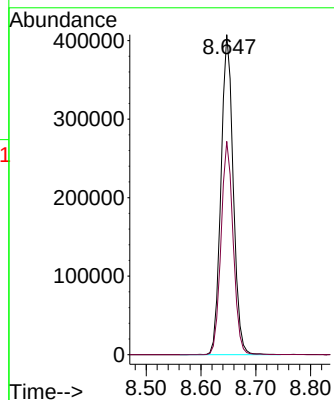
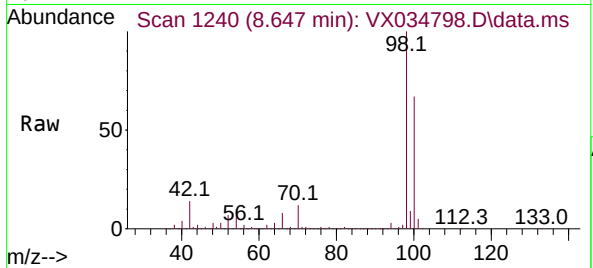




#50
Toluene-d8
Concen: 48.775 ug/l
RT: 8.647 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

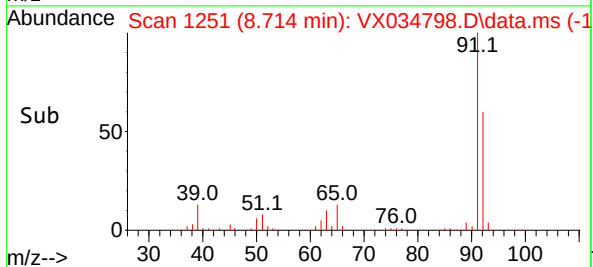
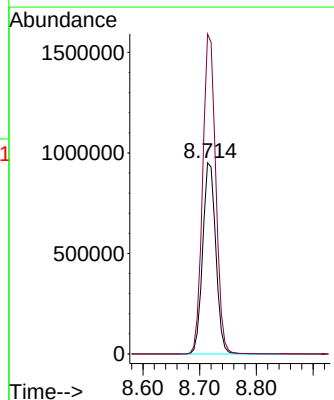
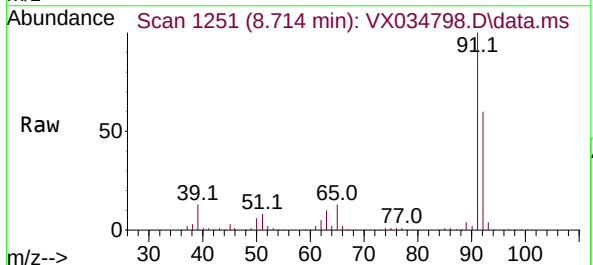
Instrument :
MSVOA_X
ClientSampleId :
1161

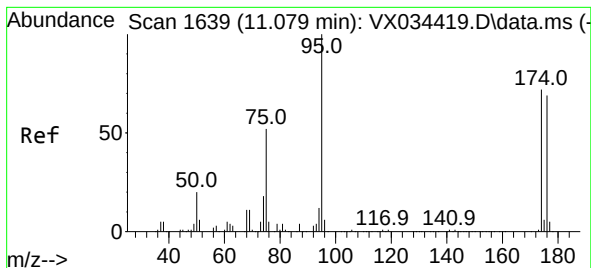
Tgt Ion: 98 Resp: 632482
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#52
Toluene
Concen: 157.470 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion: 92 Resp: 1521632
Ion Ratio Lower Upper
92 100
91 167.9 136.8 205.2

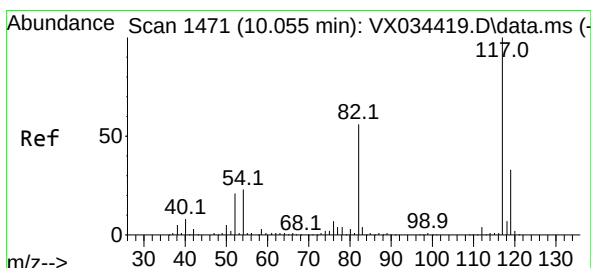
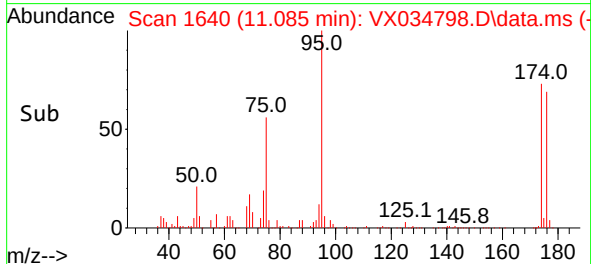
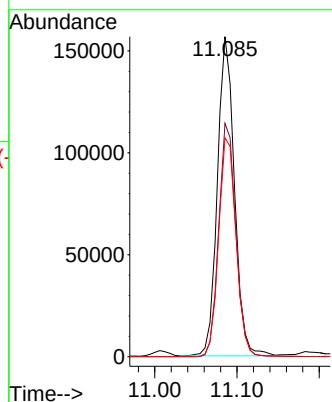
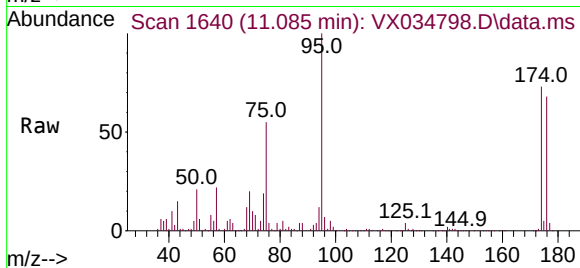




#62
4-Bromofluorobenzene
Concen: 43.175 ug/l
RT: 11.085 min Scan# 1161
Delta R.T. 0.006 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

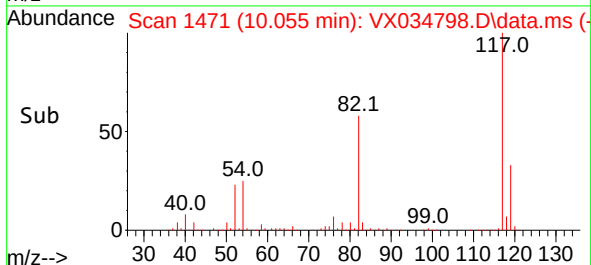
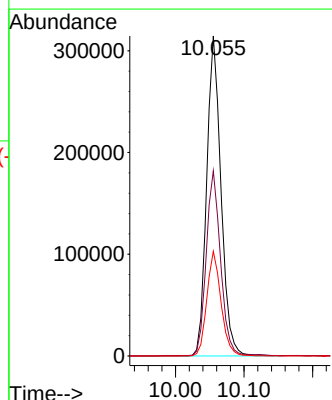
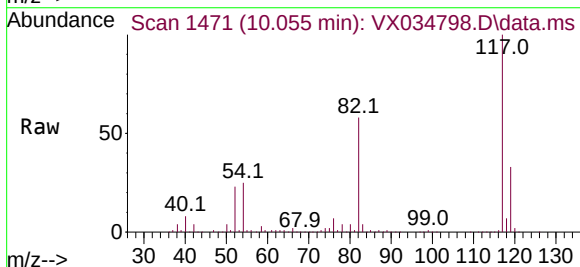
Instrument :
MSVOA_X
ClientSampleId :
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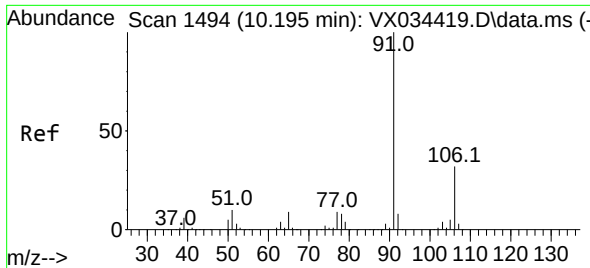
Tgt Ion: 95 Resp: 226142
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.4
176 70.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion: 117 Resp: 457172
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.7 26.0 39.0

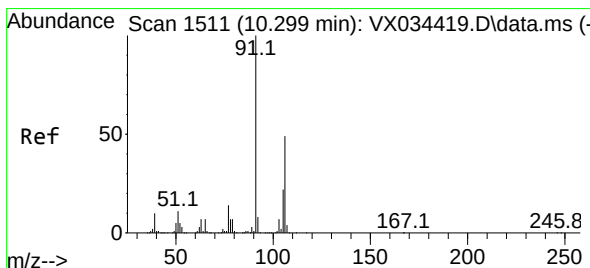
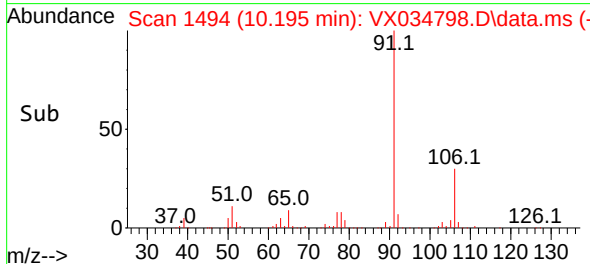
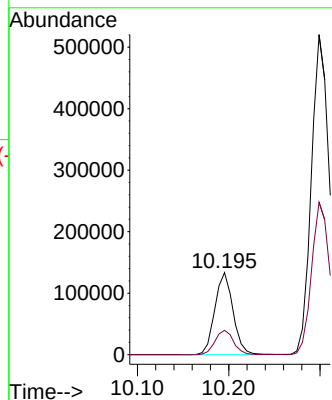
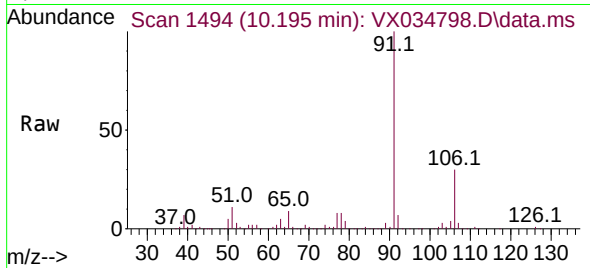




#67
Ethyl Benzene
Concen: 10.278 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

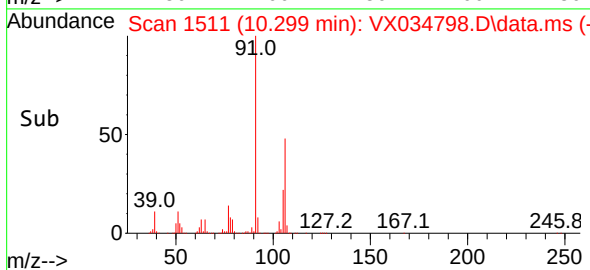
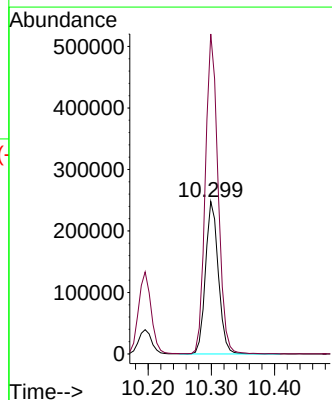
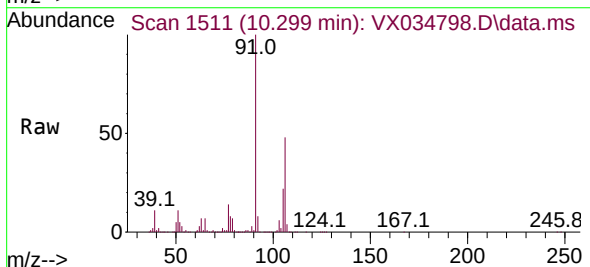
Instrument :
MSVOA_X
ClientSampleId :
1161

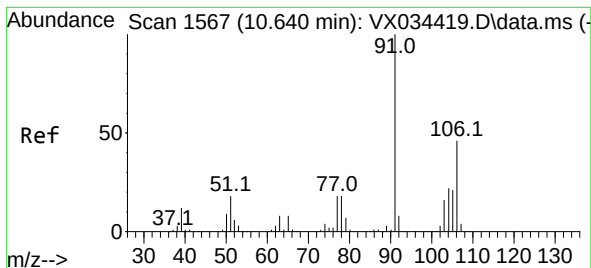
Tgt Ion: 91 Resp: 184556
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 50.725 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion: 106 Resp: 349908
Ion Ratio Lower Upper
106 100
91 207.9 164.0 246.0

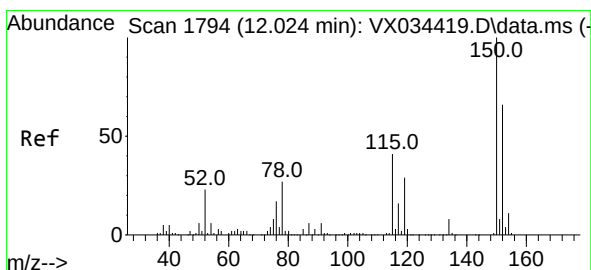
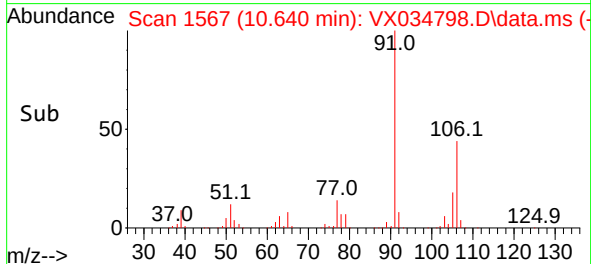
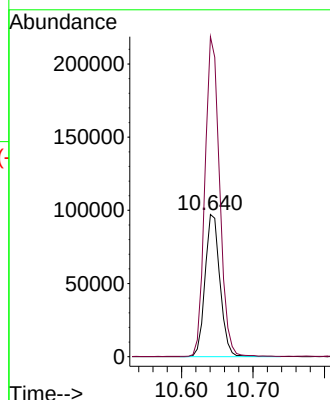
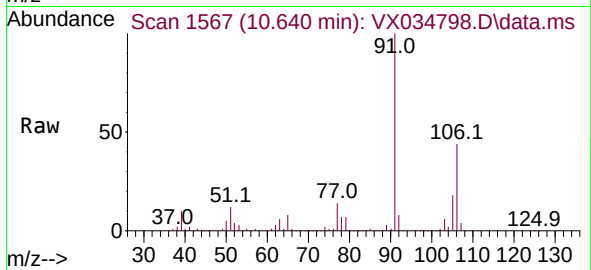




#69
o-Xylene
Concen: 20.334 ug/l
RT: 10.640 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

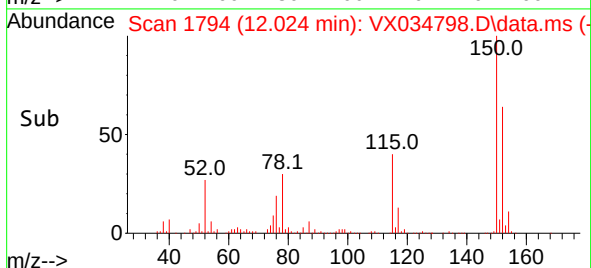
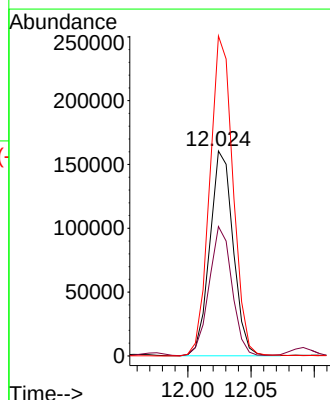
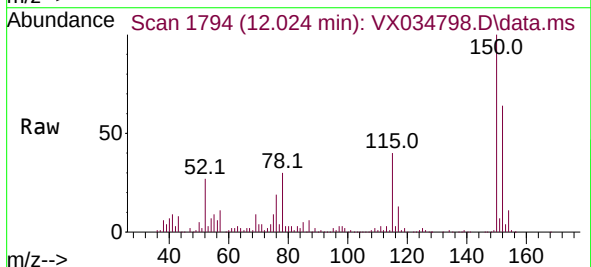
Instrument :
MSVOA_X
ClientSampleId :
1161

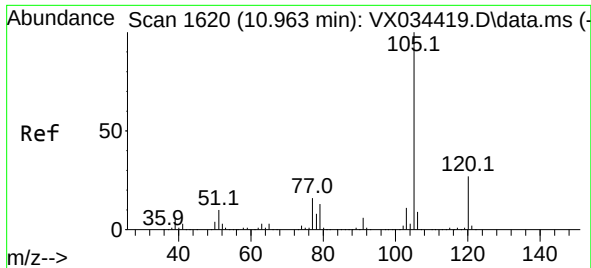
Tgt Ion:106 Resp: 140762
Ion Ratio Lower Upper
106 100
91 221.0 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion:152 Resp: 205510
Ion Ratio Lower Upper
152 100
115 61.8 45.0 135.0
150 156.5 0.0 352.4

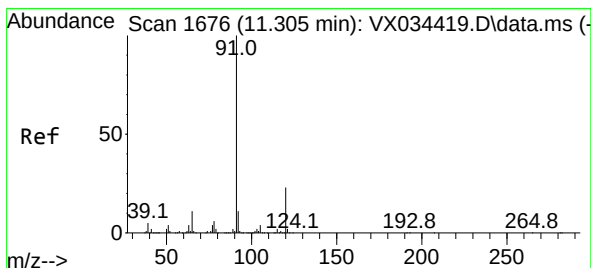
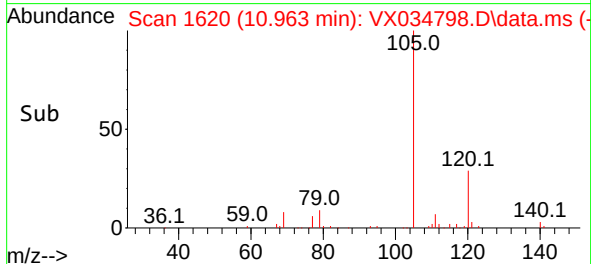
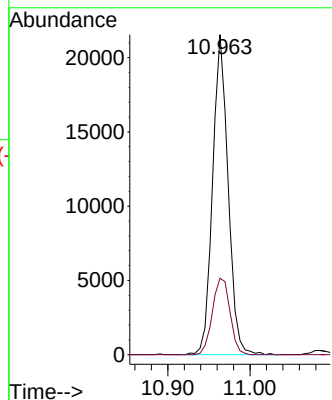
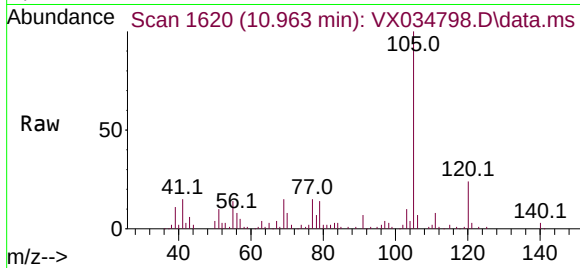




#73
Isopropylbenzene
Concen: 1.774 ug/l
RT: 10.963 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

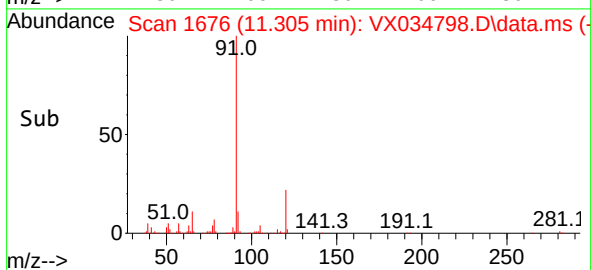
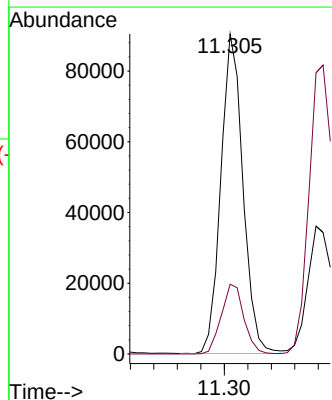
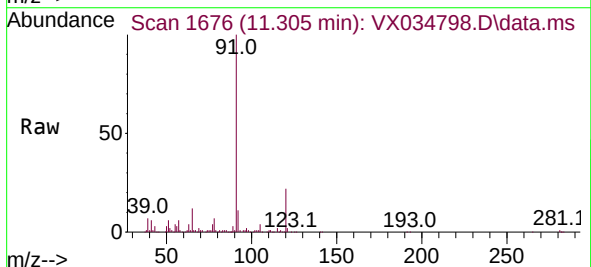
Instrument :
MSVOA_X
ClientSampleId :
1161

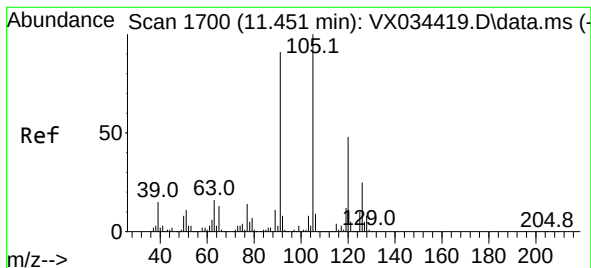
Tgt Ion:105 Resp: 28182
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#78
n-propylbenzene
Concen: 6.431 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034798.D
Acq: 28 Mar 2023 17:13

Tgt Ion: 91 Resp: 117971
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 12.344 ug/l

RT: 11.451 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VX034798.D

Acq: 28 Mar 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

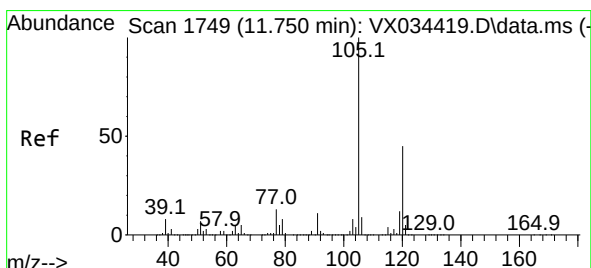
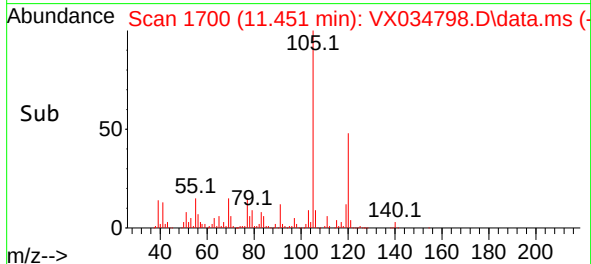
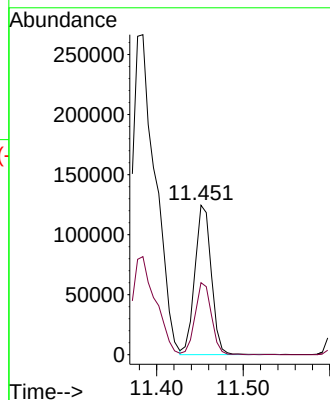
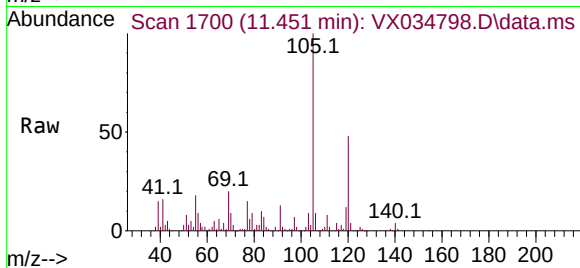
1161

Tgt Ion:105 Resp: 164455

Ion Ratio Lower Upper

105 100

120 47.5 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 47.641 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034798.D

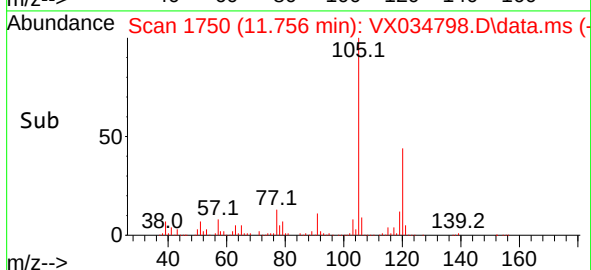
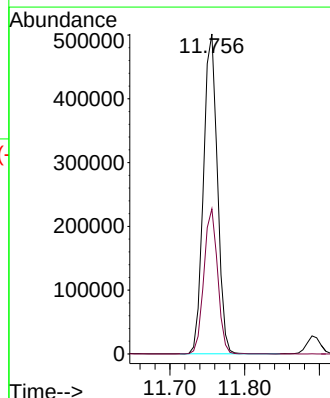
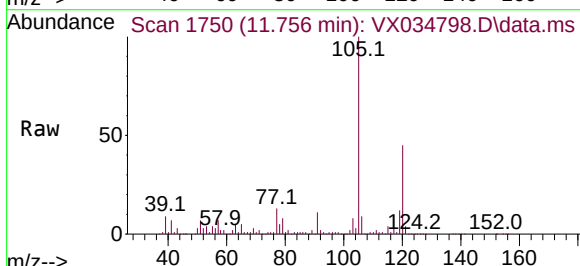
Acq: 28 Mar 2023 17:13

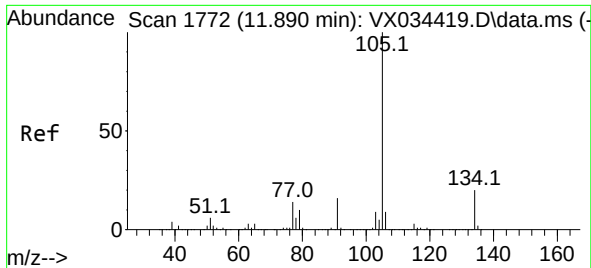
Tgt Ion:105 Resp: 648665

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.0

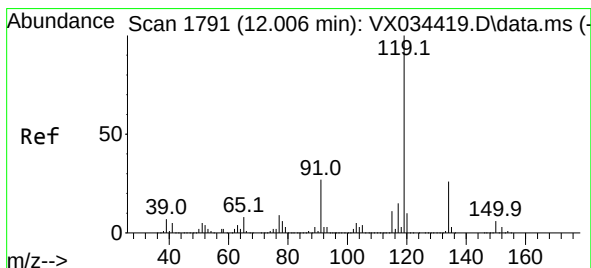
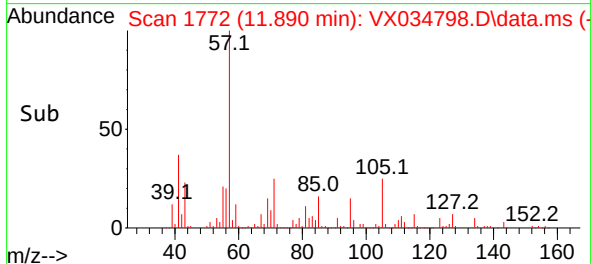
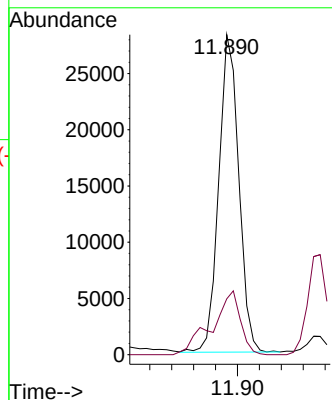
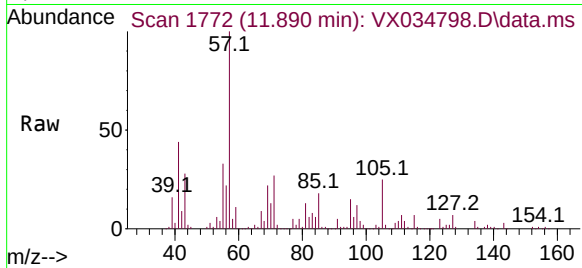




#85
 sec-Butylbenzene
 Concen: 2.187 ug/l
 RT: 11.890 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: VX034798.D
 Acq: 28 Mar 2023 17:13

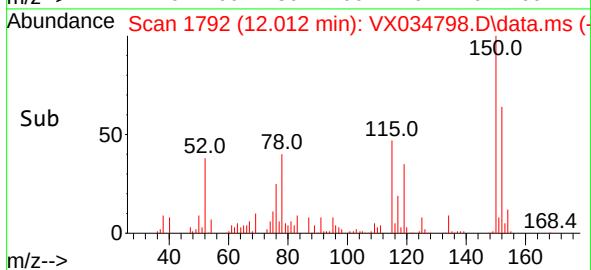
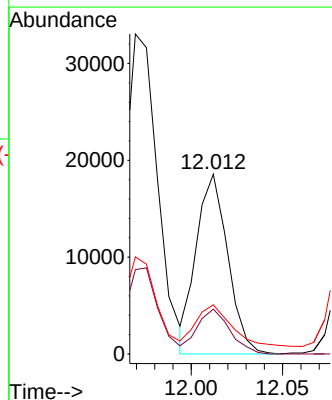
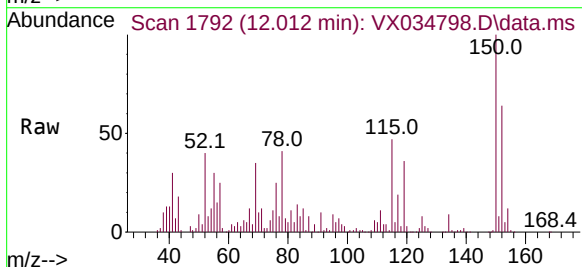
Instrument :
 MSVOA_X
 ClientSampleId :
 1161

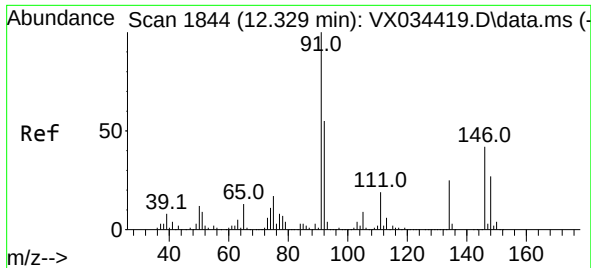
Tgt Ion:105 Resp: 35916
 Ion Ratio Lower Upper
 105 100
 134 28.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.615 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034798.D
 Acq: 28 Mar 2023 17:13

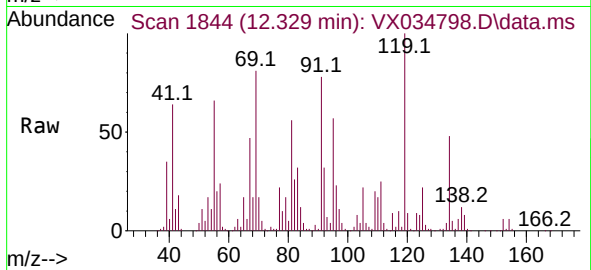
Tgt Ion:119 Resp: 22289
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.7 12.9 38.7





#89
 n-Butylbenzene
 Concen: 7.485 ug/l
 RT: 12.329 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: VX034798.D
 Acq: 28 Mar 2023 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 1161



Tgt Ion: 91	Resp:	91836
Ion	Ratio	Lower Upper
91	100	
92	35.3	27.7 83.0
134	81.3	13.0 38.9#

