

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036206.D
 Acq On : 19 Jun 2023 15:17
 Operator : JC/MD
 Sample : 03301-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1619

Quant Time: Jun 20 03:43:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

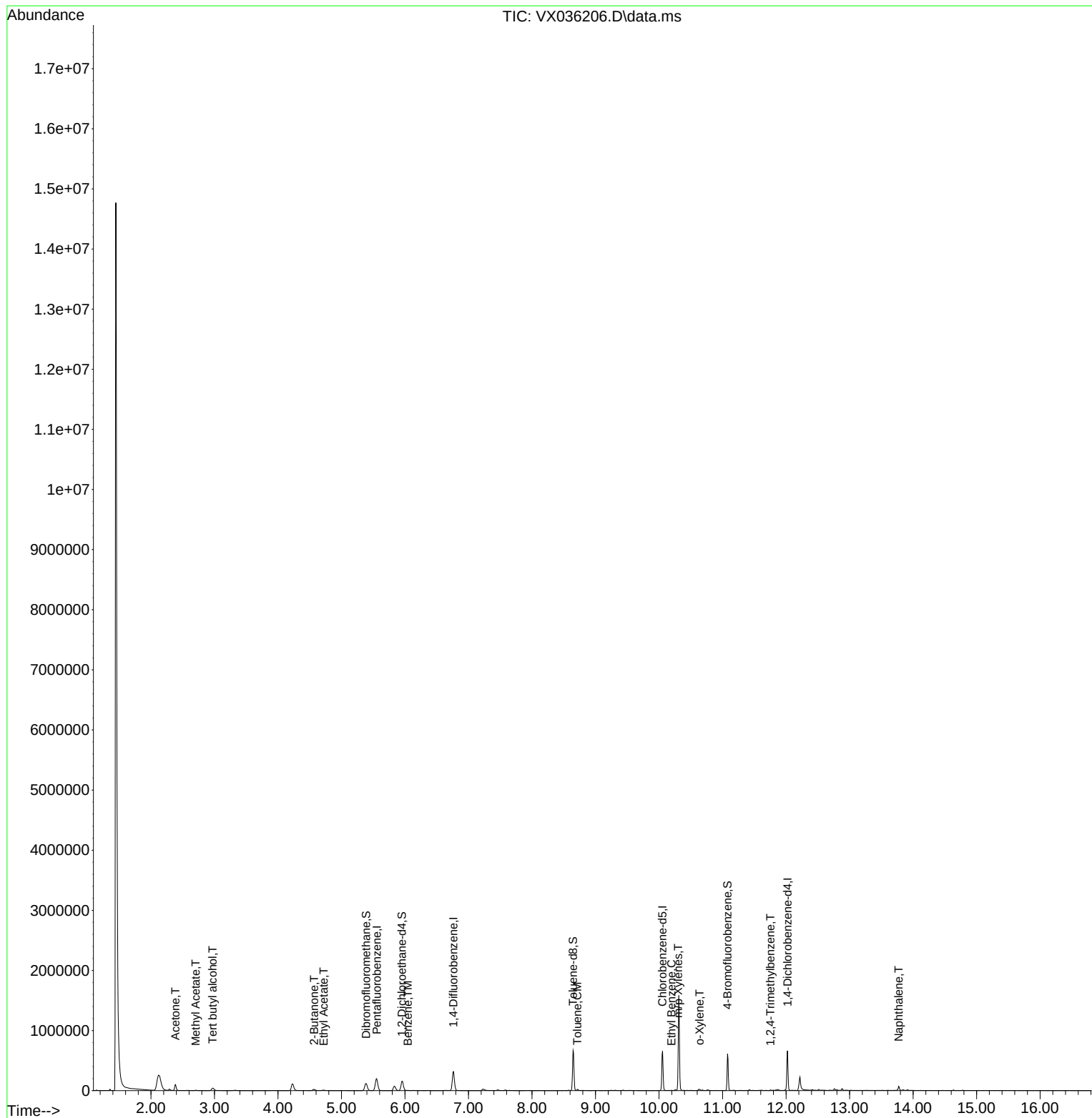
Internal Standards						
1) Pentafluorobenzene	5.556	168	166251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	303553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162906	53.620	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 107.240%		
35) Dibromofluoromethane	5.385	113	105681	51.340	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 102.680%		
50) Toluene-d8	8.646	98	377080	50.080	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 100.160%		
62) 4-Bromofluorobenzene	11.079	95	151416	49.818	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 99.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	59269	127.606	ug/l #	89
16) Acetone	2.385	43	112074	88.789	ug/l	99
18) Methyl Acetate	2.702	43	9030	1.886	ug/l	99
25) 2-Butanone	4.568	43	30814	17.437	ug/l	100
37) Ethyl Acetate	4.720	43	15121	4.280	ug/l	98
40) Benzene	6.043	78	4496	0.527	ug/l	99
52) Toluene	8.714	92	6316	1.183	ug/l	97
67) Ethyl Benzene	10.195	91	2712	0.263	ug/l	97
68) m/p-Xylenes	10.299	106	4254	1.094	ug/l	94
69) o-Xylene	10.640	106	2440	0.636	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3020	0.370	ug/l	75
95) Naphthalene	13.774	128	38864	4.718	ug/l	99

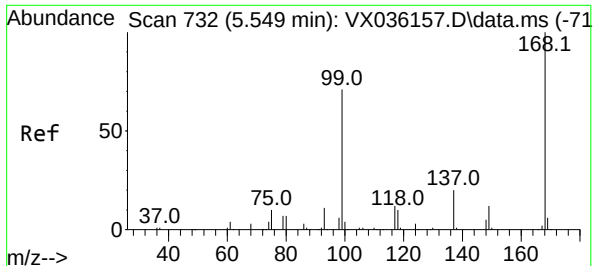
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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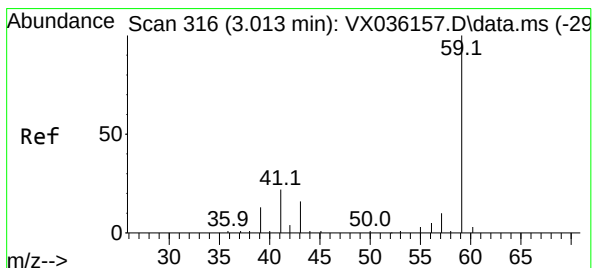
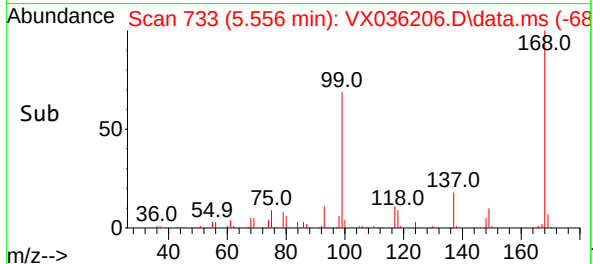
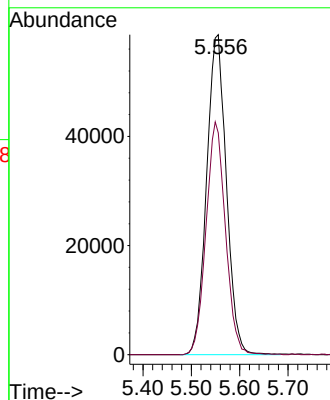
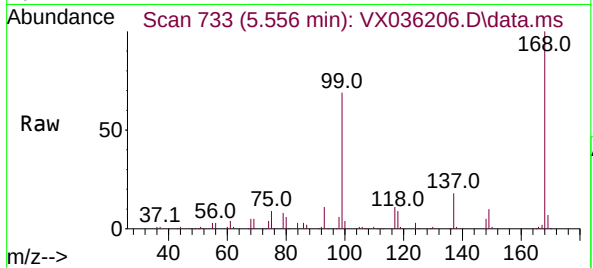




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

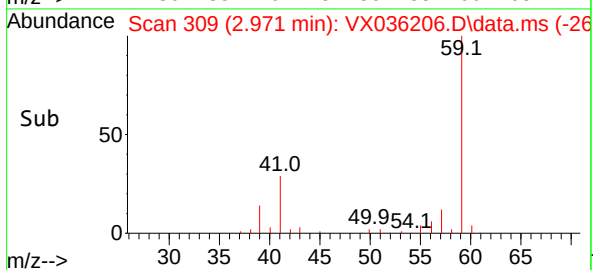
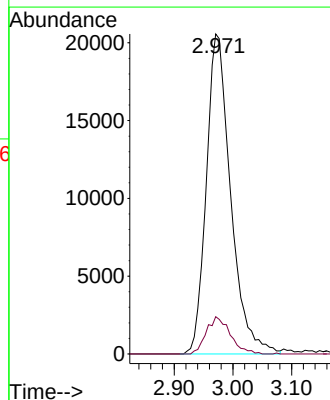
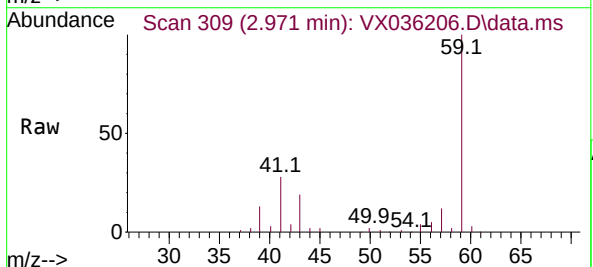
Instrument :
MSVOA_X
ClientSampleId :
1619

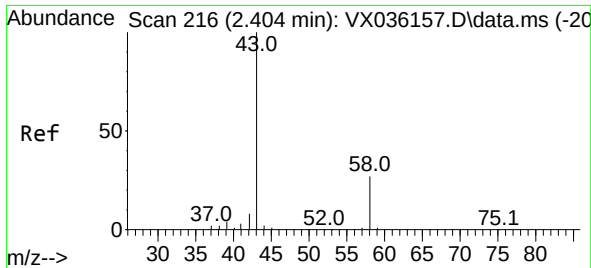
Tgt Ion:168 Resp: 166251
Ion Ratio Lower Upper
168 100
99 69.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 127.606 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.042 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion: 59 Resp: 59269
Ion Ratio Lower Upper
59 100
57 11.5 6.0 9.0#

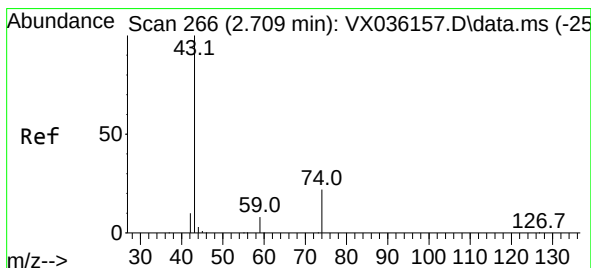
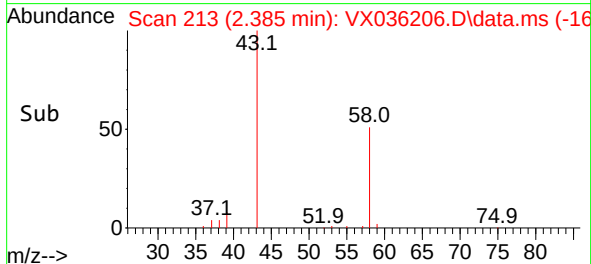
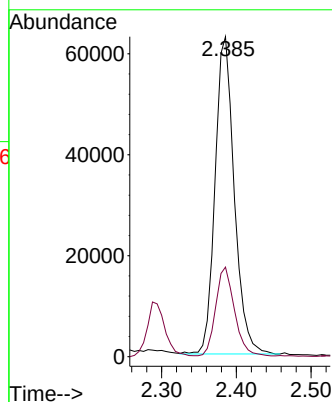
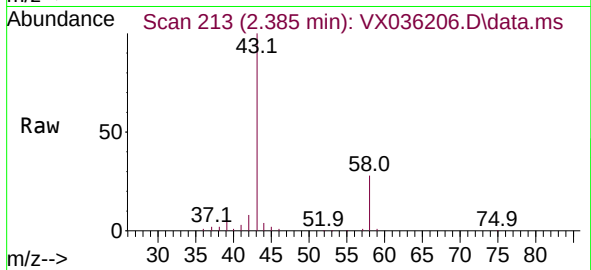




#16
Acetone
Concen: 88.789 ug/l
RT: 2.385 min Scan# 216
Delta R.T. -0.019 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

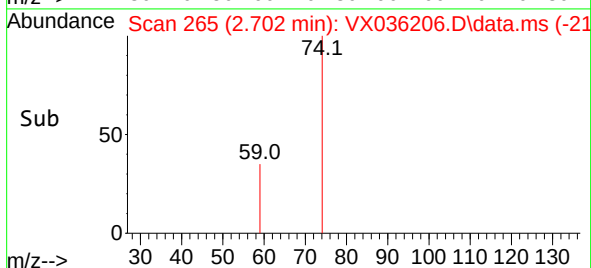
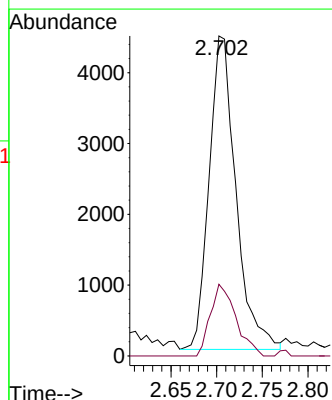
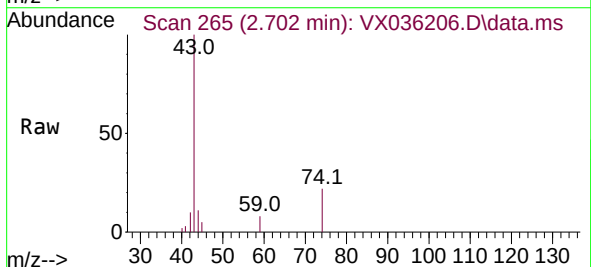
Instrument :
MSVOA_X
ClientSampleId :
1619

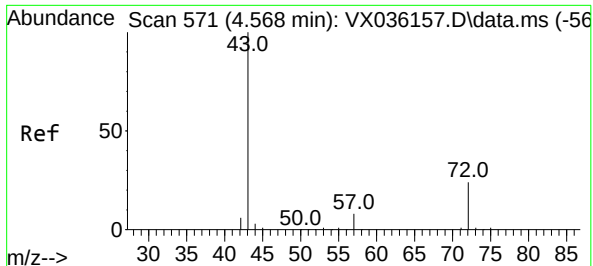
Tgt Ion: 43 Resp: 112074
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9



#18
Methyl Acetate
Concen: 1.886 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.007 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion: 43 Resp: 9030
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8

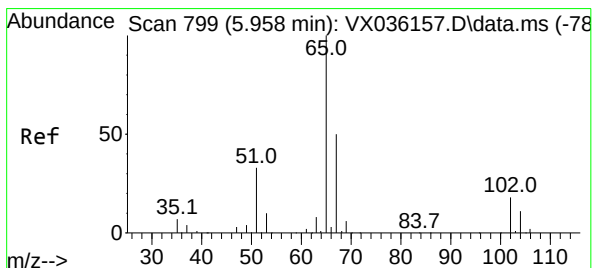
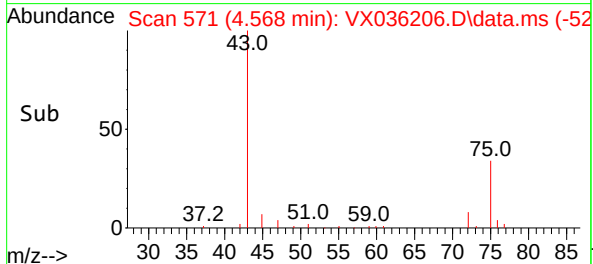
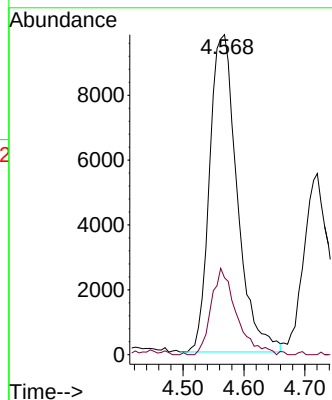
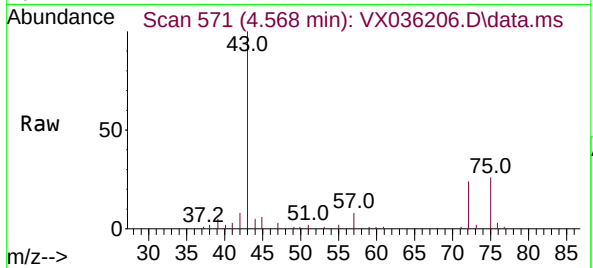




#25
2-Butanone
Concen: 17.437 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

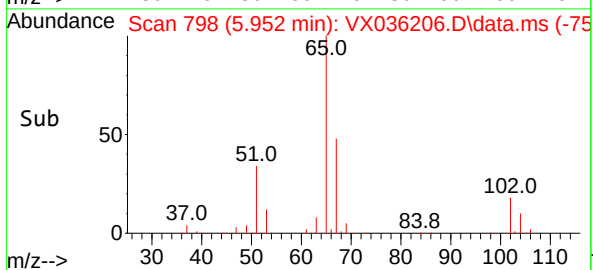
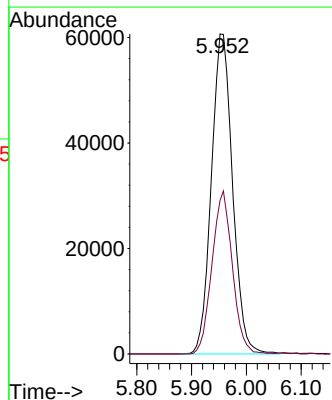
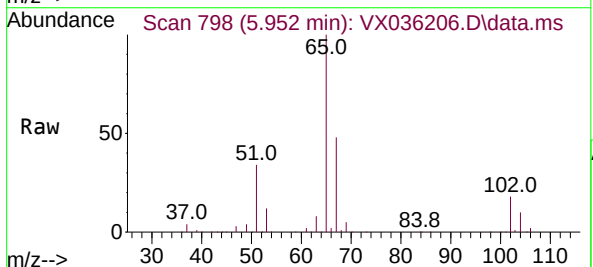
Instrument :
MSVOA_X
ClientSampleId :
1619

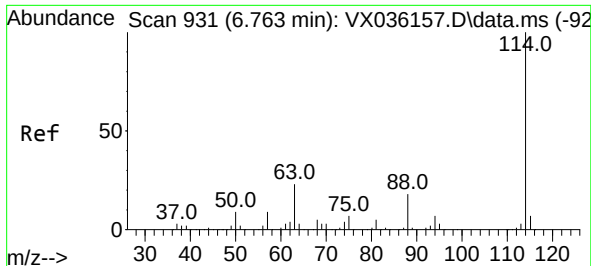
Tgt Ion: 43 Resp: 30814
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 53.620 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion: 65 Resp: 162906
Ion Ratio Lower Upper
65 100
67 48.9 0.0 100.2

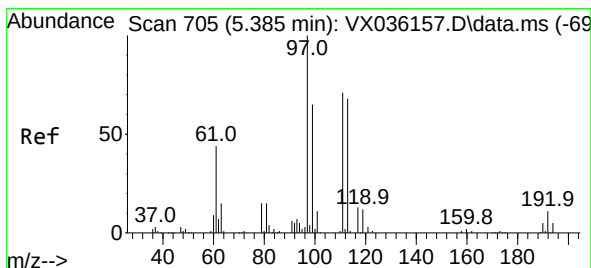
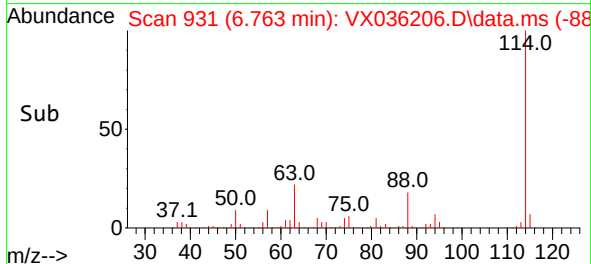
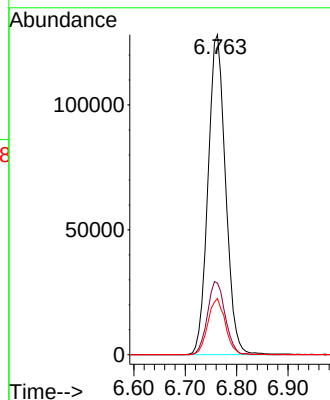
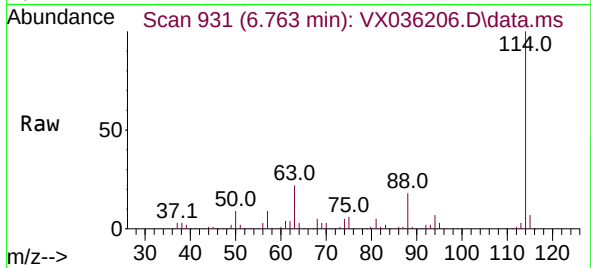




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

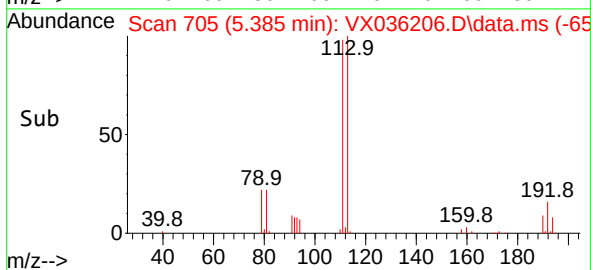
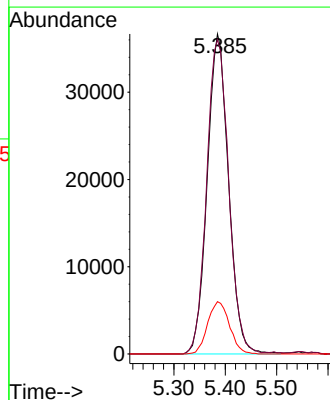
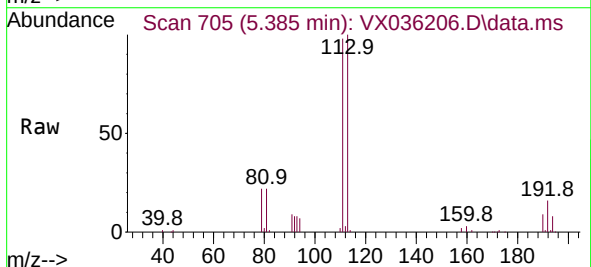
Instrument :
MSVOA_X
ClientSampleId :
1619

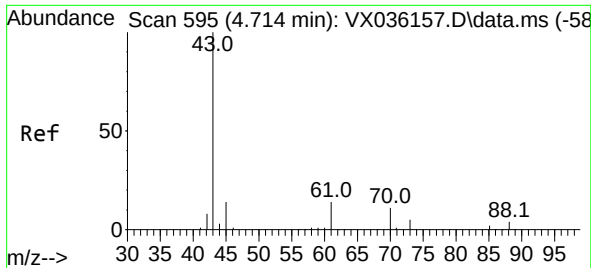
Tgt Ion:114 Resp: 303553
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.340 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion:113 Resp: 105681
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 16.7 13.3 19.9

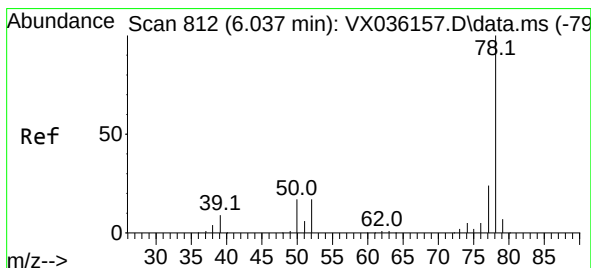
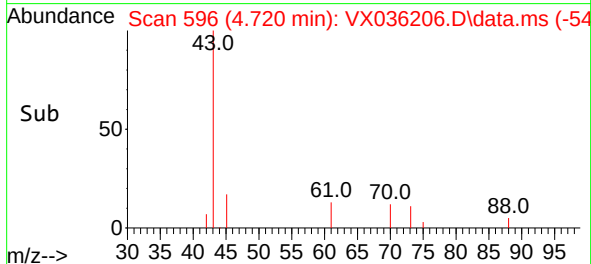
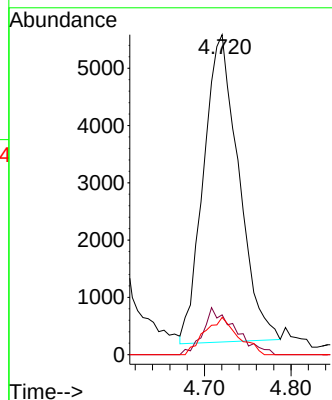
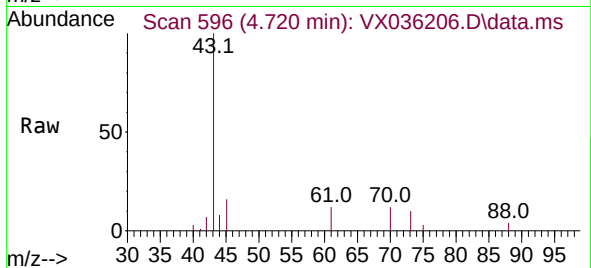




#37
Ethyl Acetate
Concen: 4.280 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

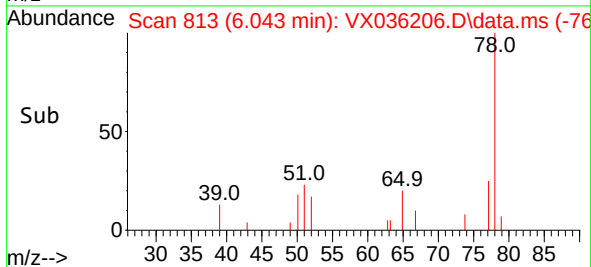
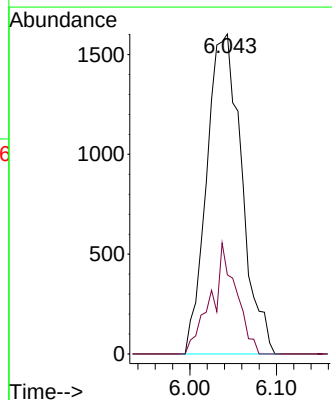
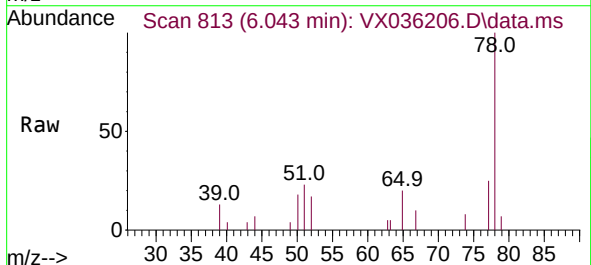
Instrument :
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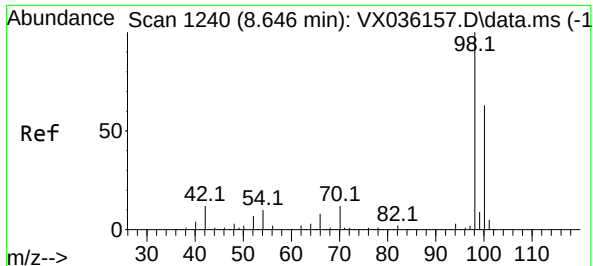
Tgt Ion:	43	Resp:	15121
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	11.4	8.3	12.5



#40
Benzene
Concen: 0.527 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion:	78	Resp:	4496
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

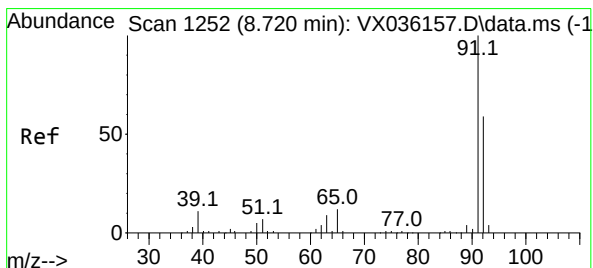
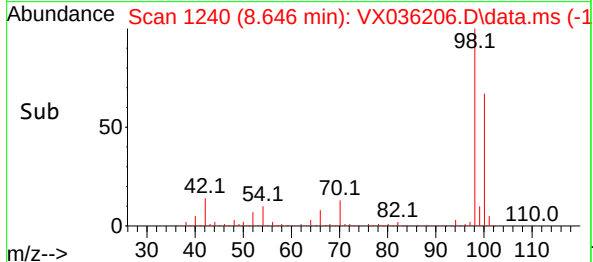
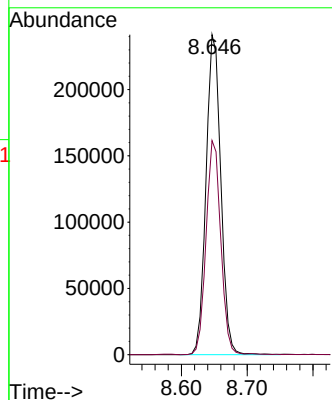
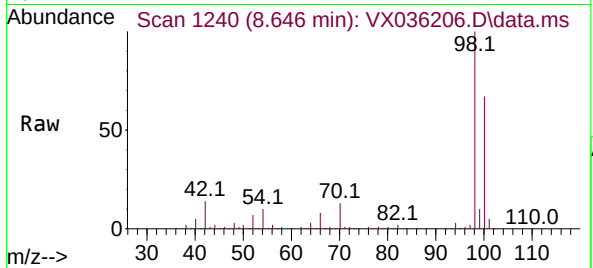




#50
Toluene-d8
Concen: 50.080 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

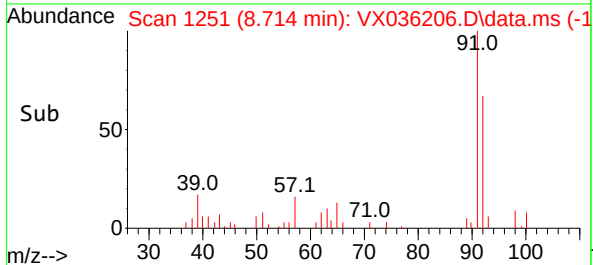
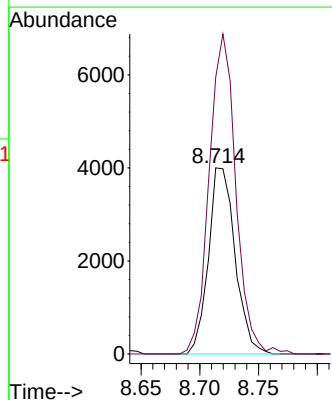
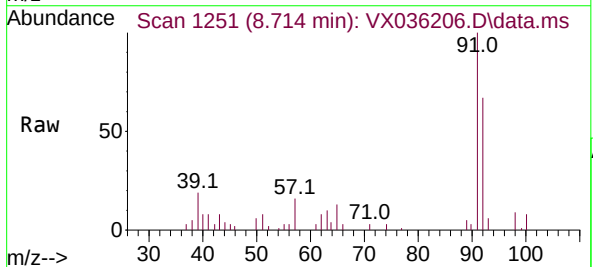
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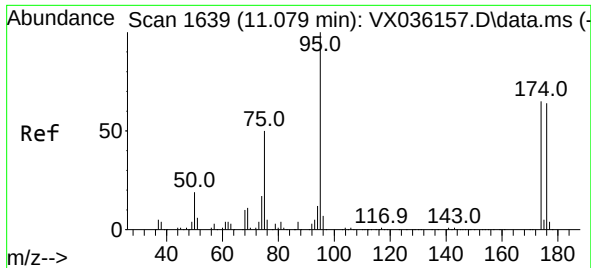
Tgt Ion: 98 Resp: 377080
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#52
Toluene
Concen: 1.183 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion: 92 Resp: 6316
Ion Ratio Lower Upper
92 100
91 171.8 134.2 201.2

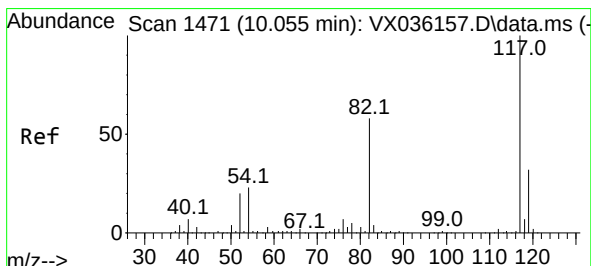
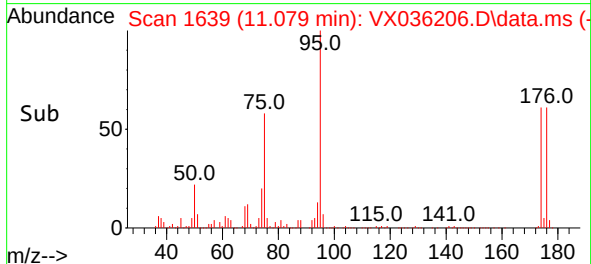
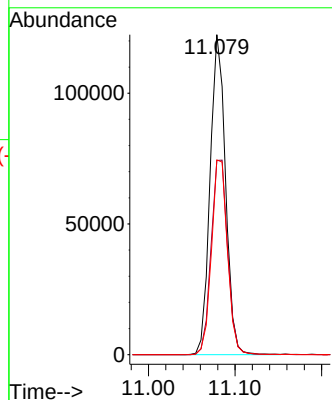
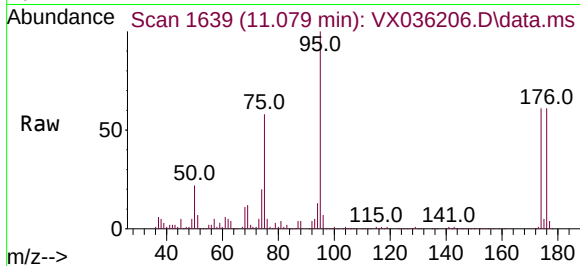




#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

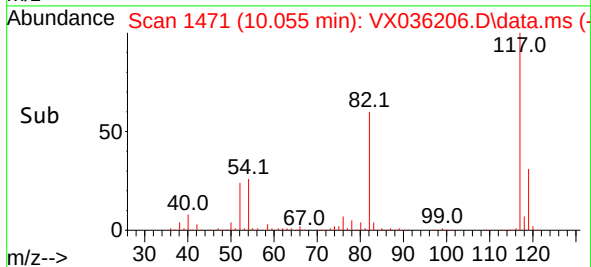
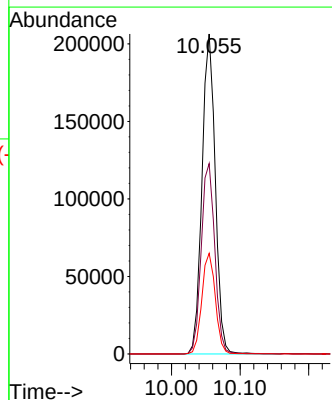
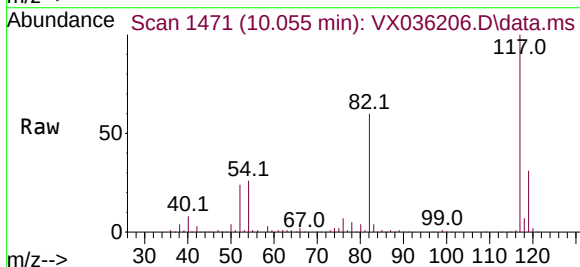
Instrument :
MSVOA_X
ClientSampleId :
1619

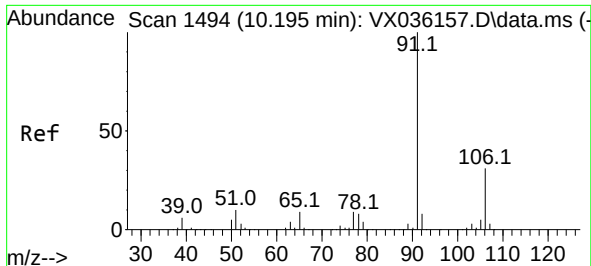
Tgt Ion: 95 Resp: 151416
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.6
176 62.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion: 117 Resp: 278534
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 31.4 25.5 38.3

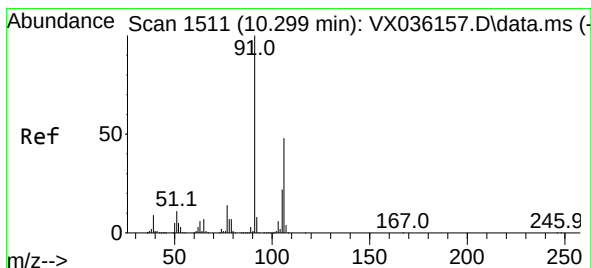
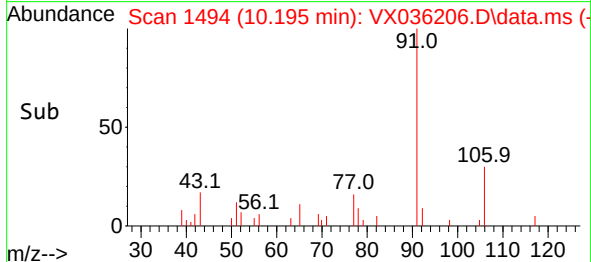
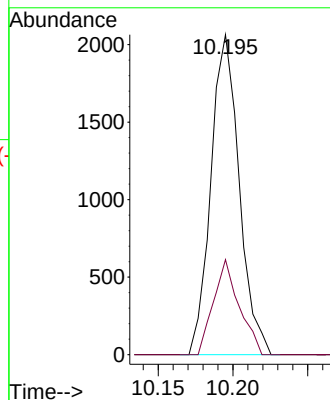
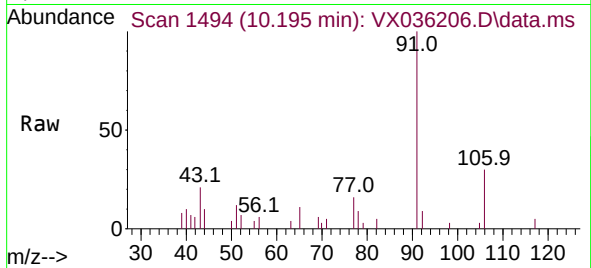




#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

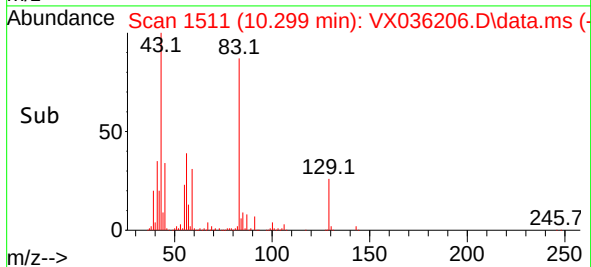
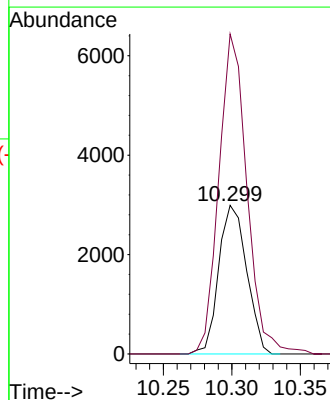
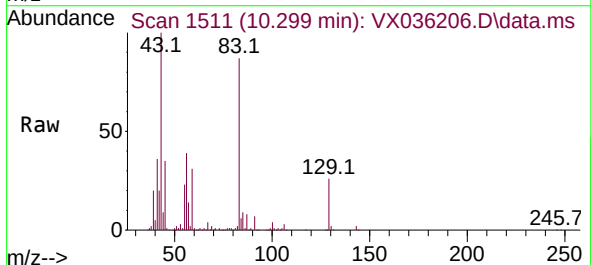
Instrument :
MSVOA_X
ClientSampleId :
1619

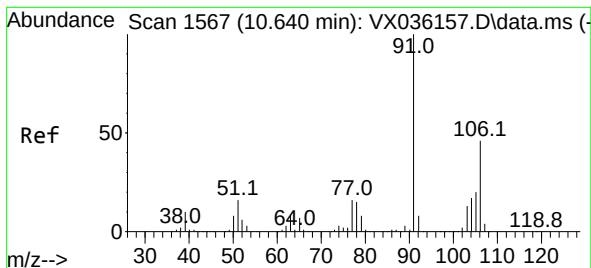
Tgt Ion: 91 Resp: 2712
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1.094 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036206.D
Acq: 19 Jun 2023 15:17

Tgt Ion: 106 Resp: 4254
Ion Ratio Lower Upper
106 100
91 216.0 165.5 248.3





#69

o-Xylene

Concen: 0.636 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036206.D

Acq: 19 Jun 2023 15:17

Instrument :

MSVOA_X

ClientSampleId :

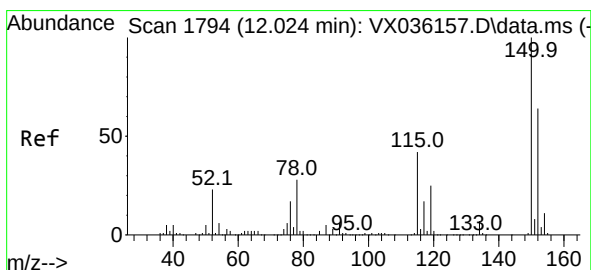
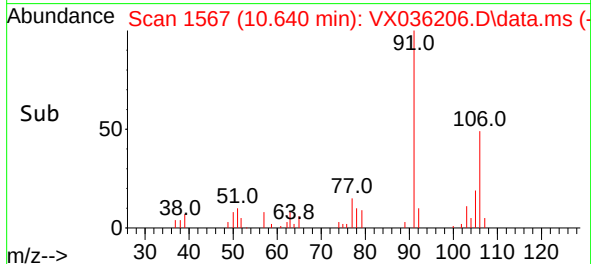
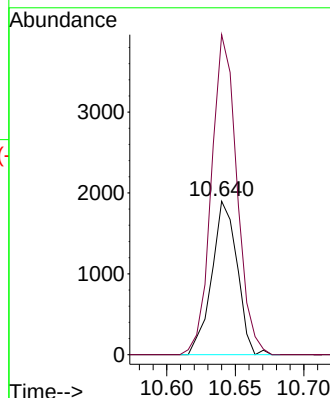
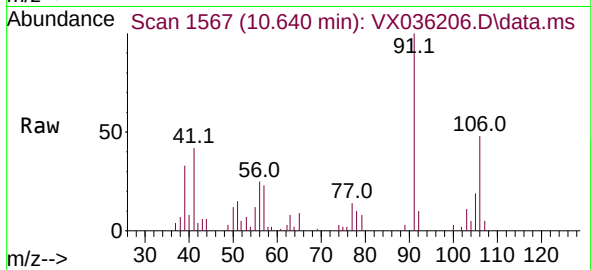
1619

Tgt Ion:106 Resp: 2440

Ion Ratio Lower Upper

106 100

91 209.9 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036206.D

Acq: 19 Jun 2023 15:17

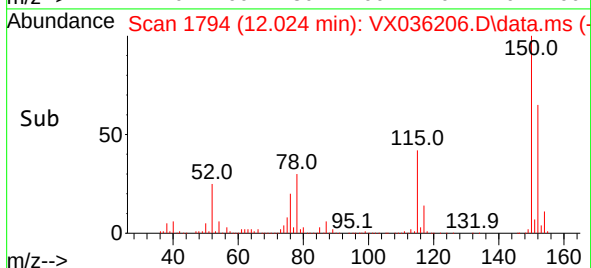
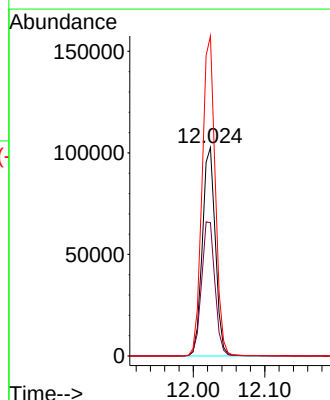
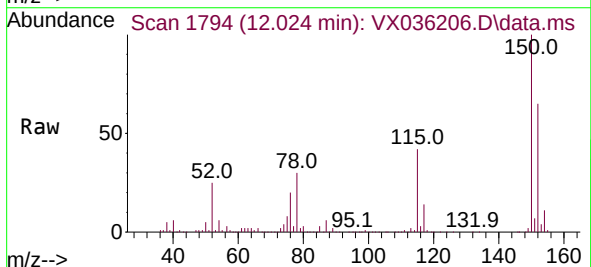
Tgt Ion:152 Resp: 129459

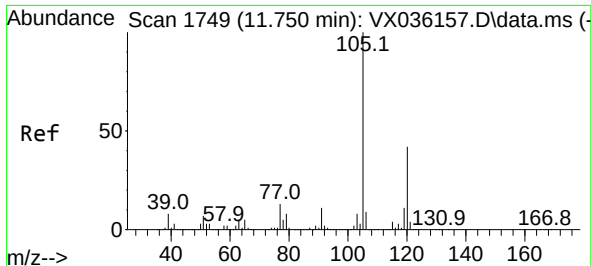
Ion Ratio Lower Upper

152 100

115 66.3 43.3 129.9

150 155.0 0.0 345.0

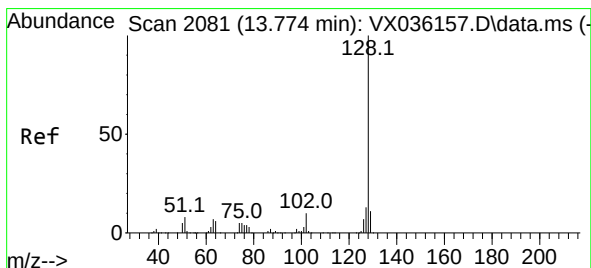
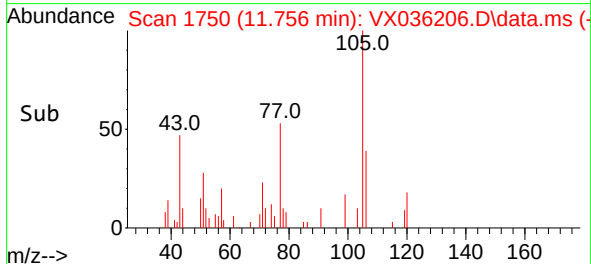
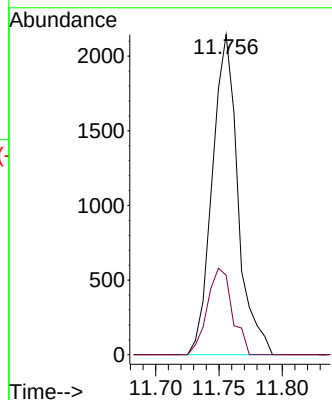
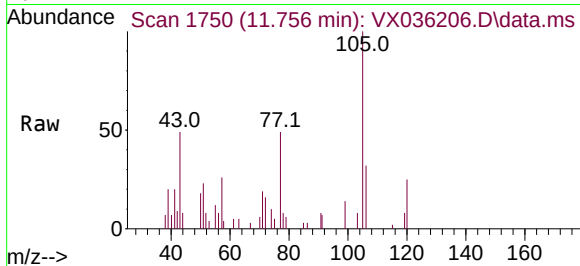




#84
 1,2,4-Trimethylbenzene
 Concen: 0.370 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX036206.D
 Acq: 19 Jun 2023 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1619

Tgt Ion:105 Resp: 3020
 Ion Ratio Lower Upper
 105 100
 120 26.4 21.2 63.6



#95
 Naphthalene
 Concen: 4.718 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX036206.D
 Acq: 19 Jun 2023 15:17

Tgt Ion:128 Resp: 38864
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 10.9 8.8 13.2

