

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036975.D
 Acq On : 14 Aug 2023 19:24
 Operator : JC/MD
 Sample : 03983-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 713-F

Quant Time: Aug 15 01:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

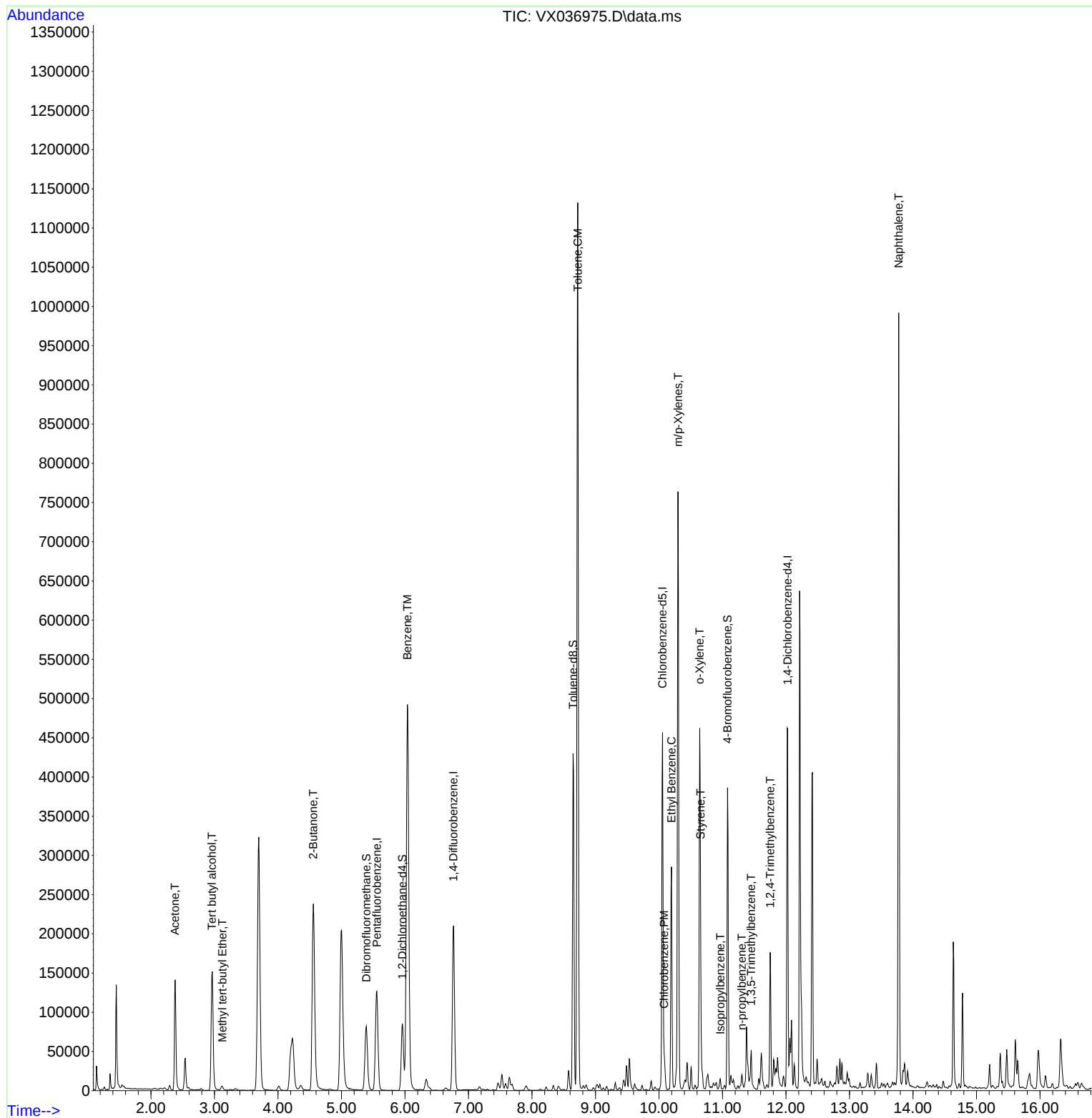
Internal Standards						
1) Pentafluorobenzene	5.556	168	117731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84031	48.238	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.391	113	71198	48.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.220%		
50) Toluene-d8	8.647	98	258017	49.159	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.320%		
62) 4-Bromofluorobenzene	11.079	95	103365	52.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.400%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	95915	232.572	ug/l #	89
16) Acetone	2.380	43	149522	206.846	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	5626	1.136	ug/l #	91
25) 2-Butanone	4.556	43	401564	342.395	ug/l #	90
40) Benzene	6.038	78	607588	94.665	ug/l	99
52) Toluene	8.720	92	428920	106.654	ug/l	99
65) Chlorobenzene	10.080	112	12921	2.851	ug/l	93
67) Ethyl Benzene	10.195	91	166228	20.078	ug/l	98
68) m/p-Xylenes	10.299	106	173529	56.176	ug/l	99
69) o-Xylene	10.640	106	91100	29.546	ug/l	99
70) Styrene	10.653	104	45721	8.988	ug/l #	78
73) Isopropylbenzene	10.964	105	6265	0.790	ug/l	98
78) n-propylbenzene	11.305	91	8780	0.957	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	20619	3.106	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	73610	11.089	ug/l	98
95) Naphthalene	13.774	128	572536	82.573	ug/l	100

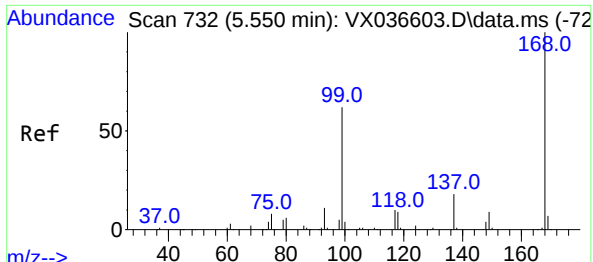
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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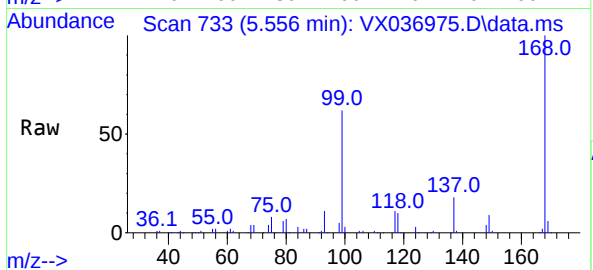
Quant Time: Aug 15 01:31:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



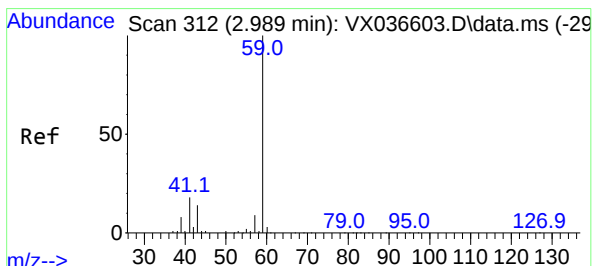
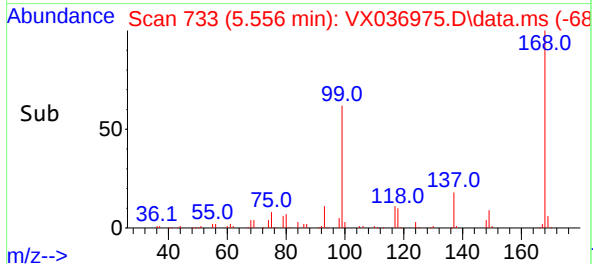
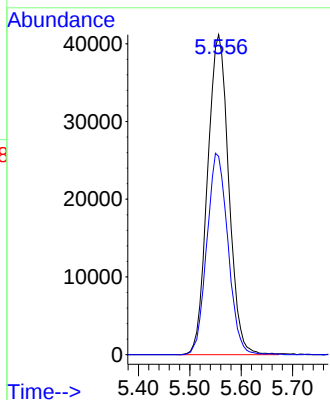


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :
713-F

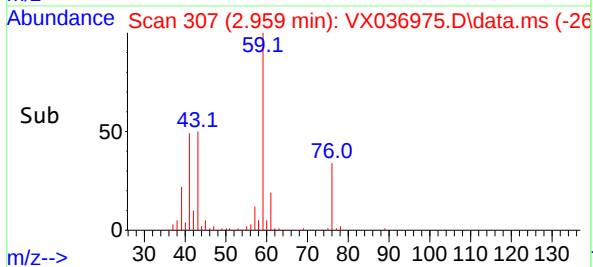
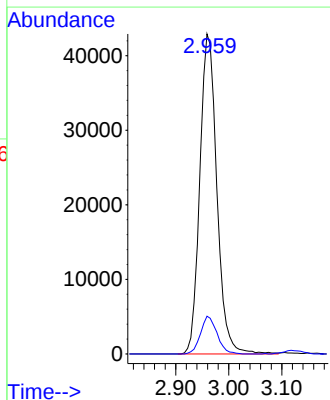
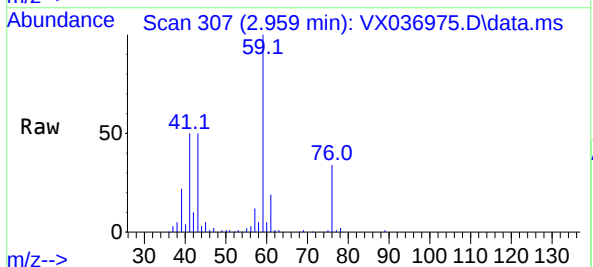


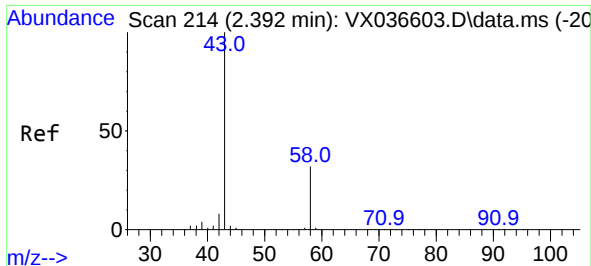
Tgt Ion:168 Resp: 117731
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 232.572 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 59 Resp: 95915
Ion Ratio Lower Upper
59 100
57 11.4 6.0 9.0#

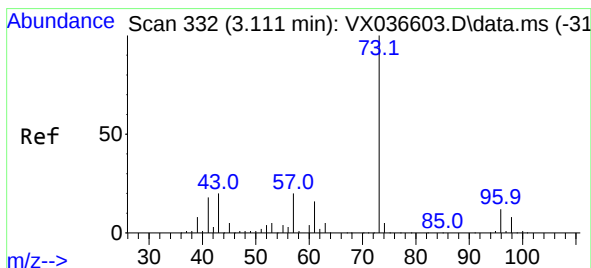
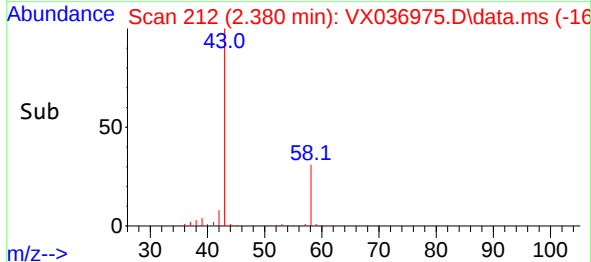
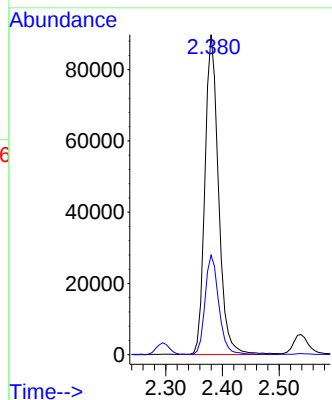
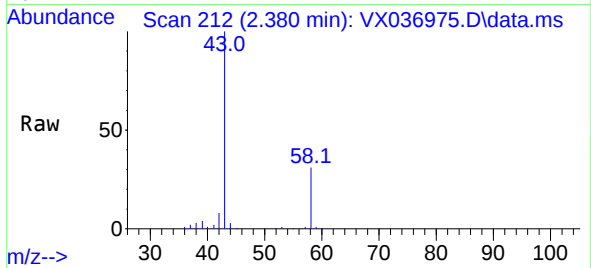




#16
Acetone
Concen: 206.846 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

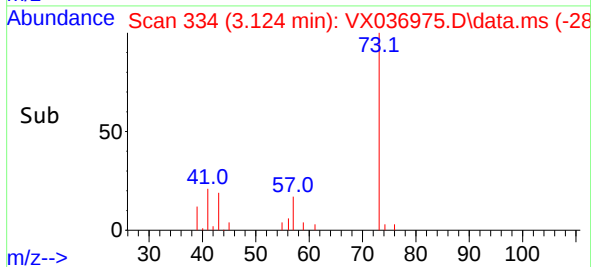
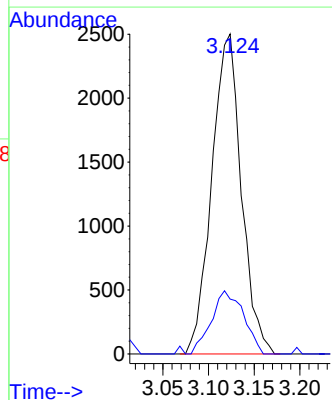
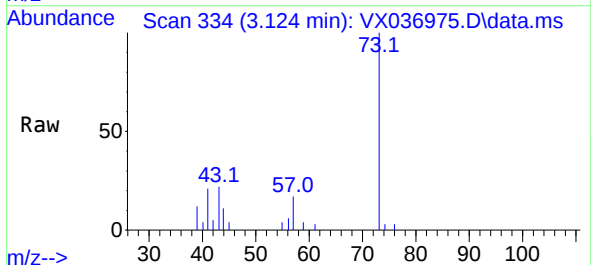
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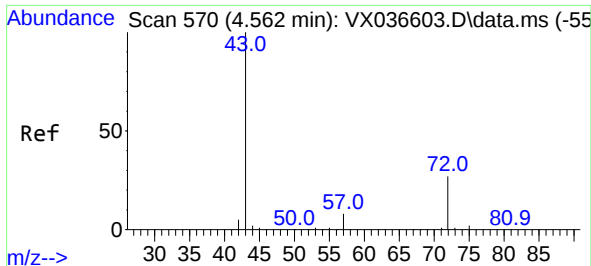
Tgt Ion: 43 Resp: 149522
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 1.136 ug/l
RT: 3.124 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 73 Resp: 5626
Ion Ratio Lower Upper
73 100
57 17.1 17.3 25.9#

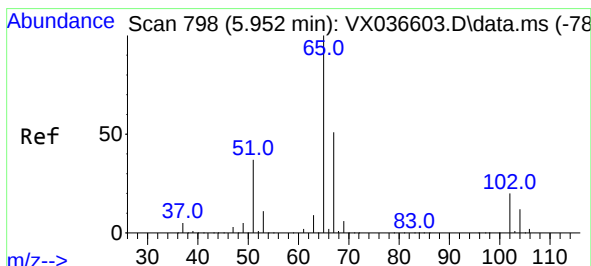
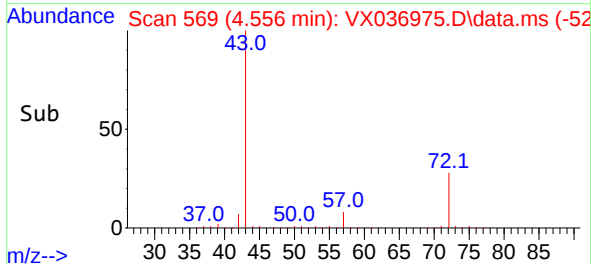
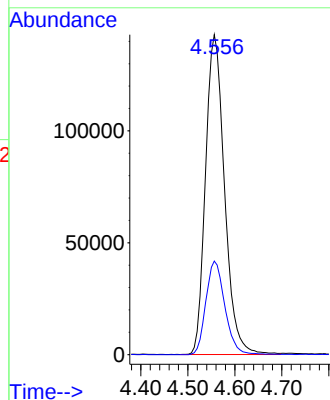
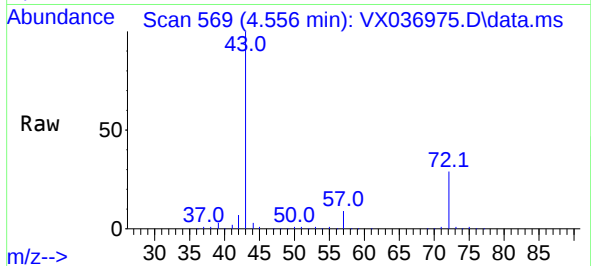




#25
2-Butanone
Concen: 342.395 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

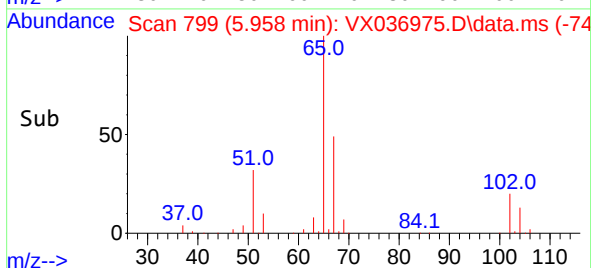
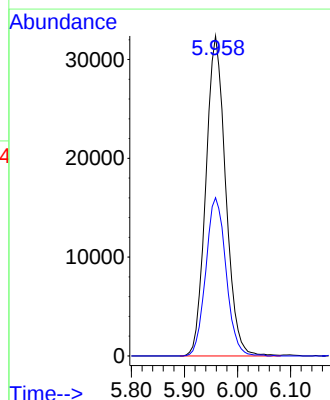
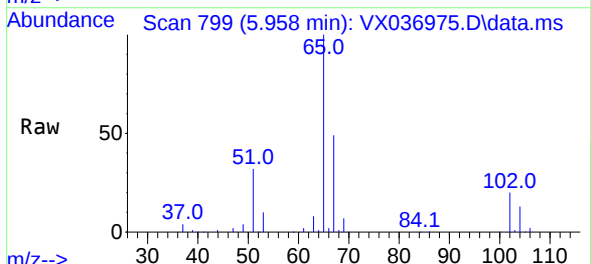
Instrument :
MSVOA_X
ClientSampleId :
713-F

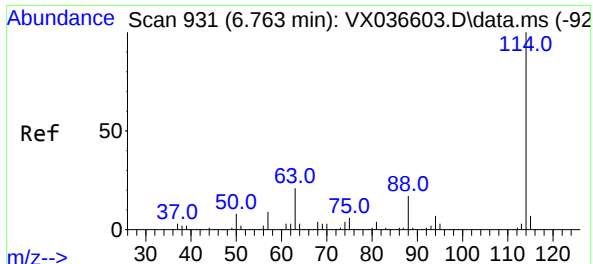
Tgt Ion: 43 Resp: 401564
Ion Ratio Lower Upper
43 100
72 29.3 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 65 Resp: 84031
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

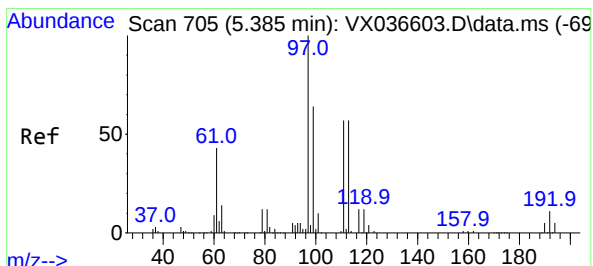
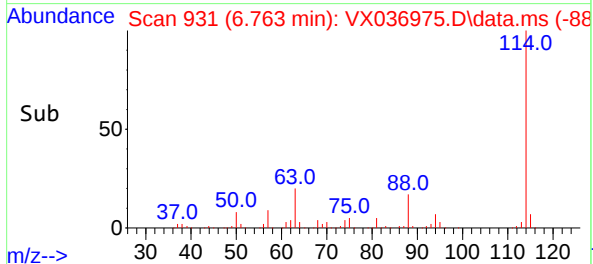
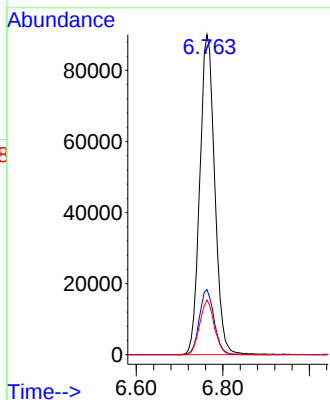
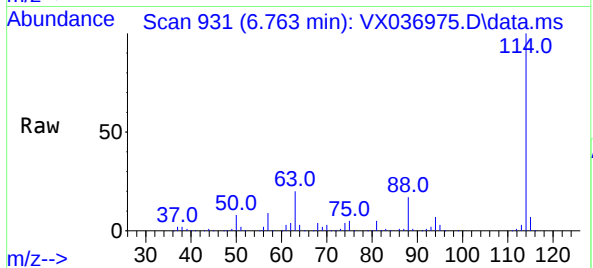




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

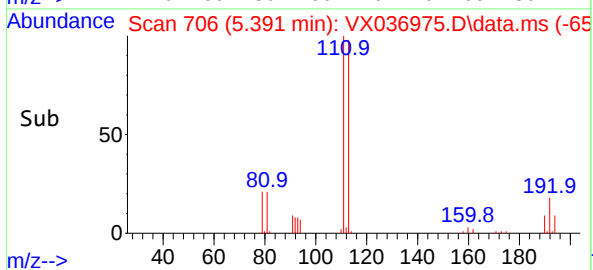
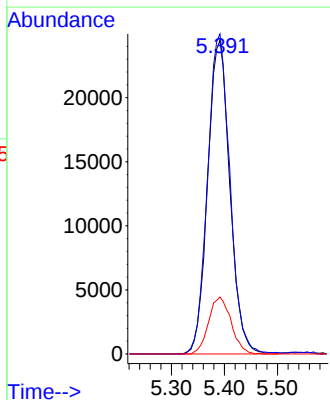
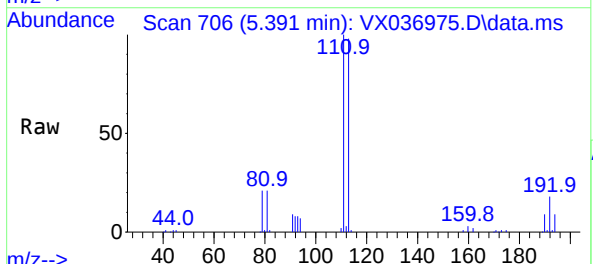
Instrument :
MSVOA_X
ClientSampleId :
713-F

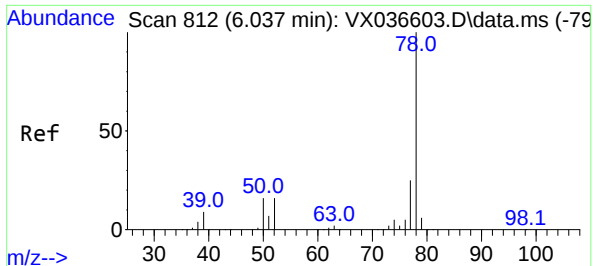
Tgt Ion:114 Resp: 215329
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.105 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:113 Resp: 71198
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.3 13.3 19.9

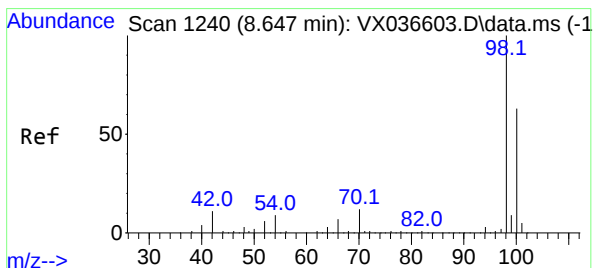
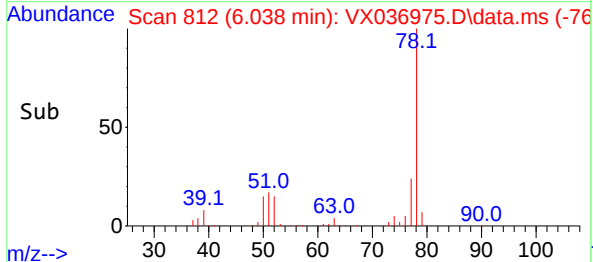
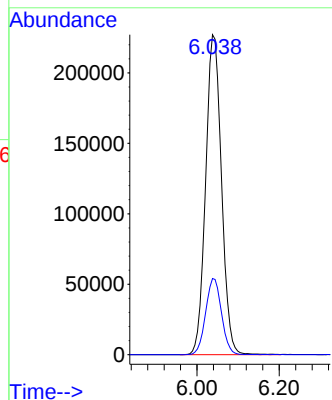
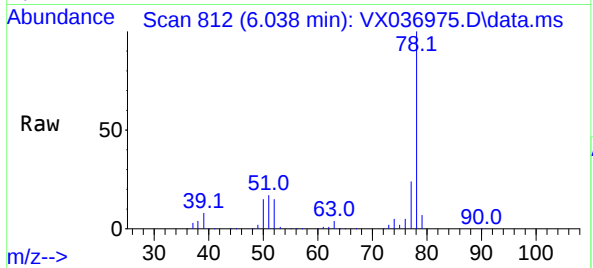




#40
Benzene
Concen: 94.665 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

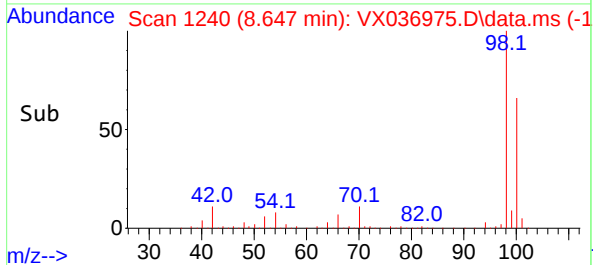
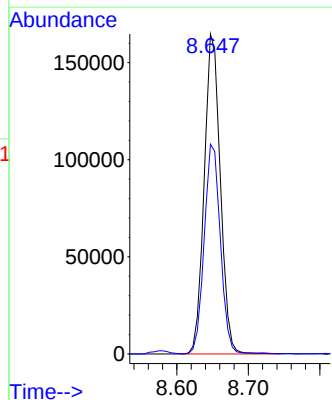
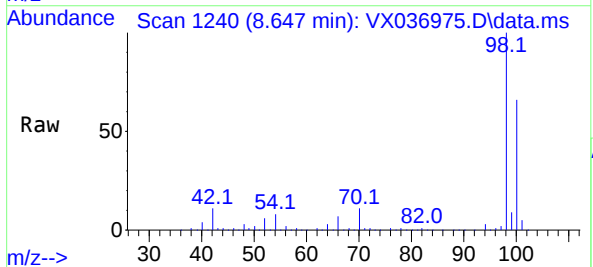
Instrument :
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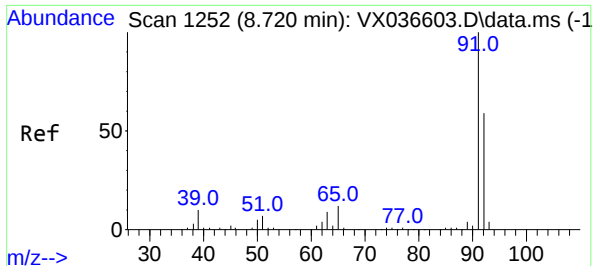
Tgt Ion: 78 Resp: 607588
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 49.159 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 98 Resp: 258017
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

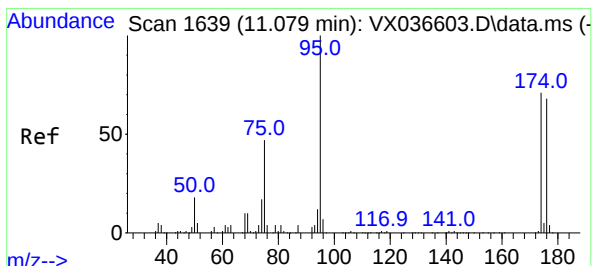
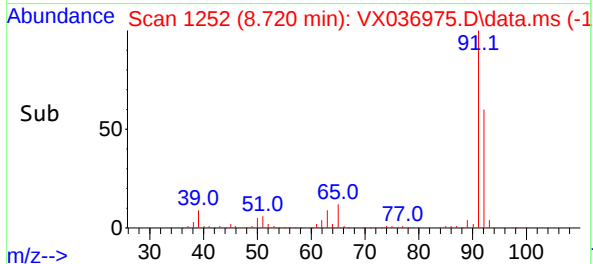
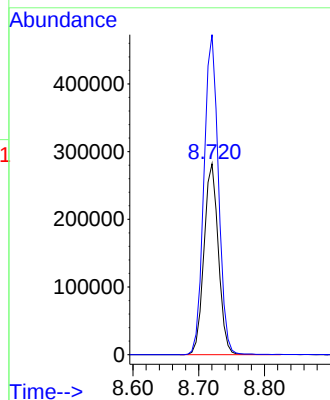
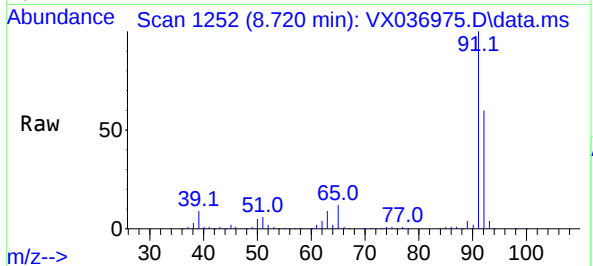




#52
Toluene
Concen: 106.654 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

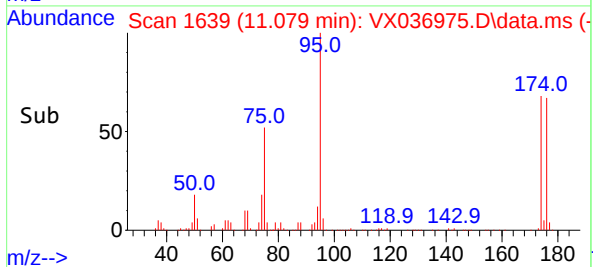
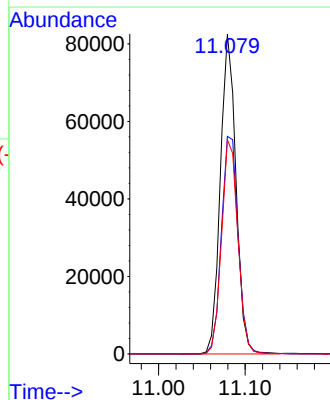
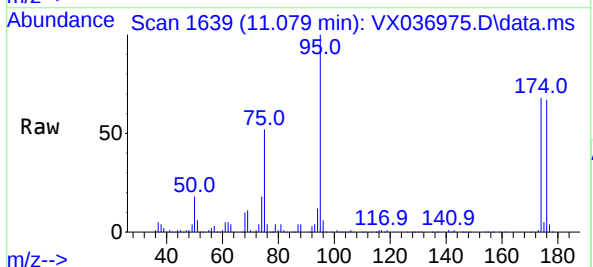
Instrument :
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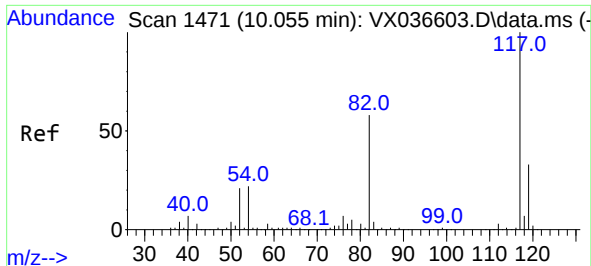
Tgt Ion: 92 Resp: 428920
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 95 Resp: 103365
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.7 0.0 131.0

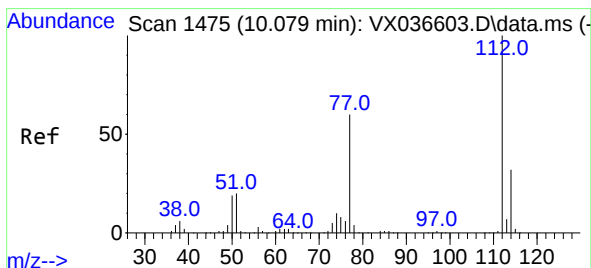
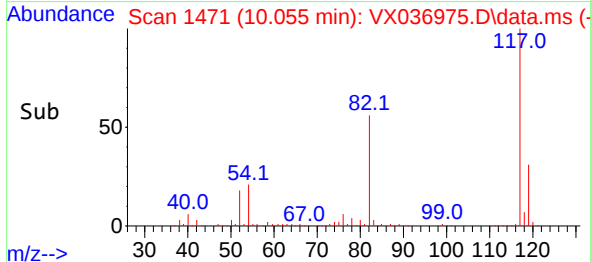
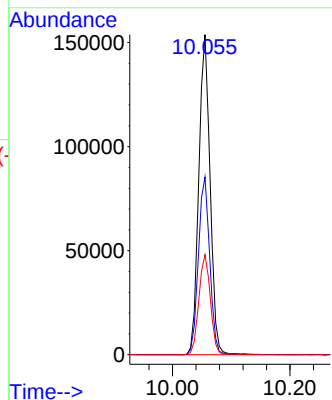
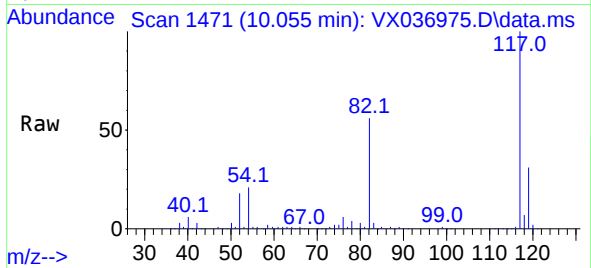




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

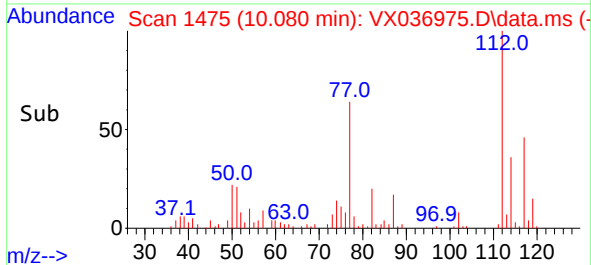
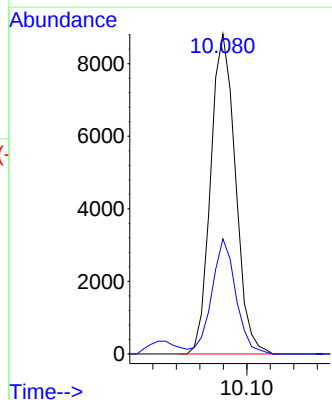
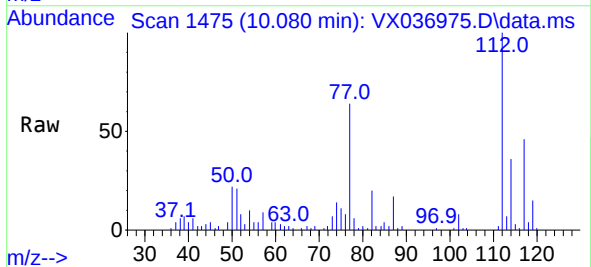
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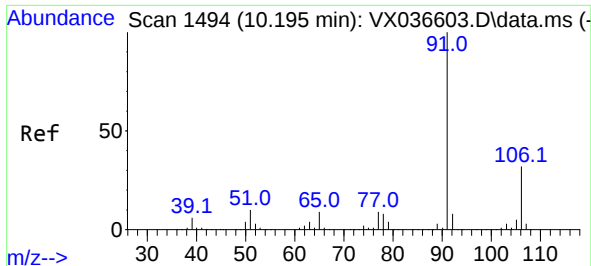
Tgt Ion:117 Resp: 205598
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.2 25.5 38.3



#65
Chlorobenzene
Concen: 2.851 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:112 Resp: 12921
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5

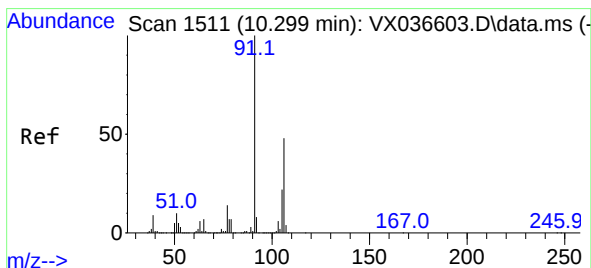
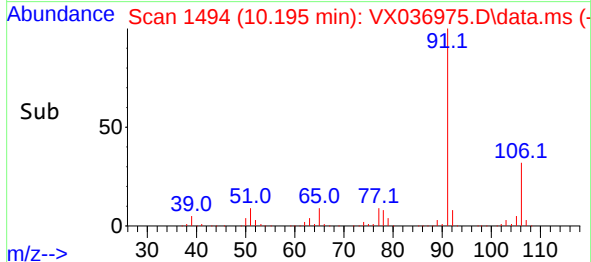
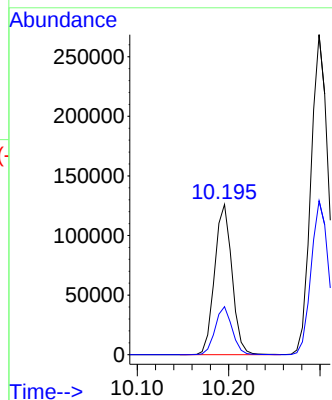
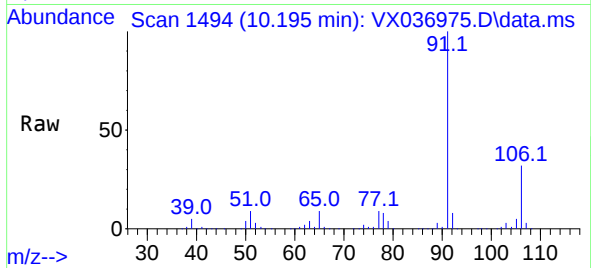




#67
Ethyl Benzene
Concen: 20.078 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

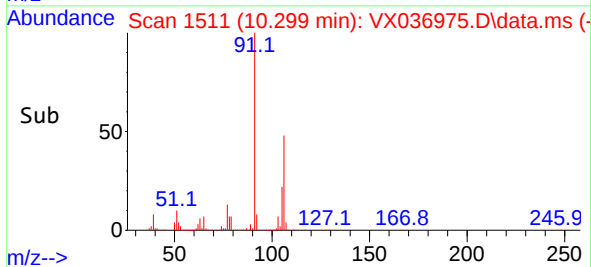
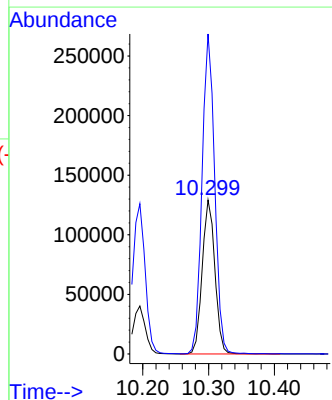
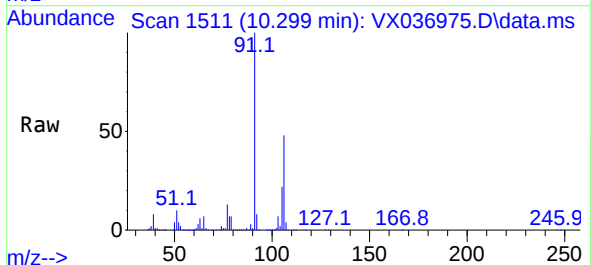
Instrument :
MSVOA_X
ClientSampleId :
713-F

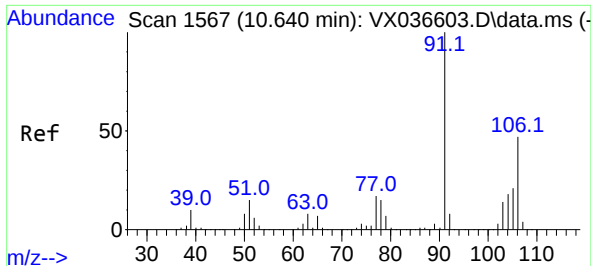
Tgt Ion: 91 Resp: 166228
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 56.176 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:106 Resp: 173529
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3

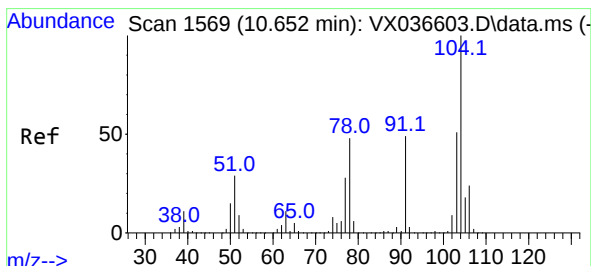
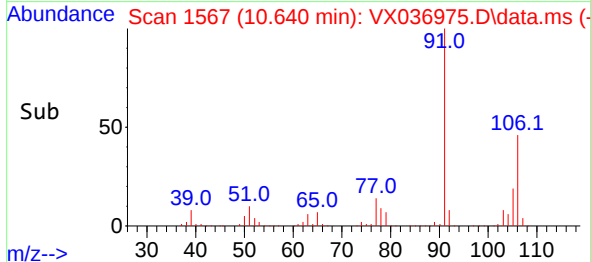
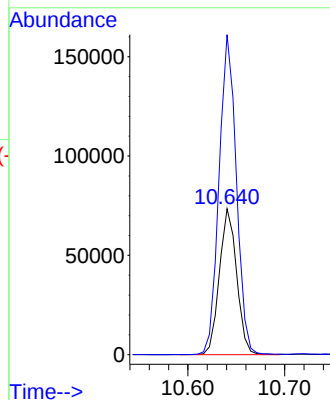
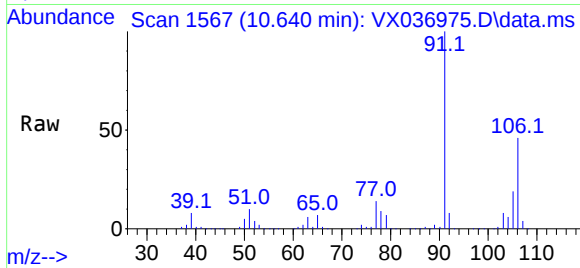




#69
o-Xylene
Concen: 29.546 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

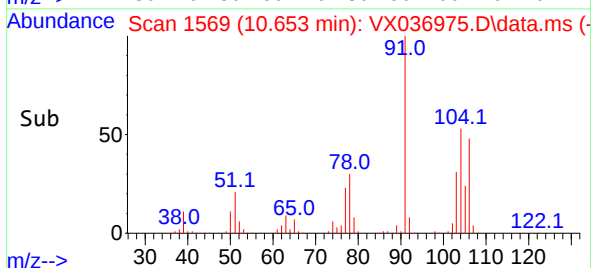
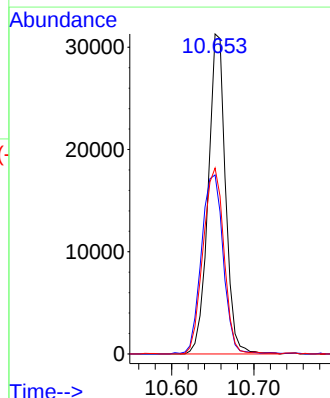
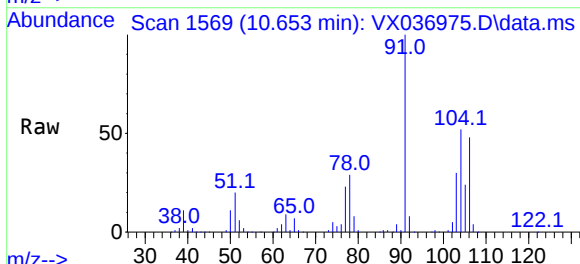
Instrument :
MSVOA_X
ClientSampleId :
713-F

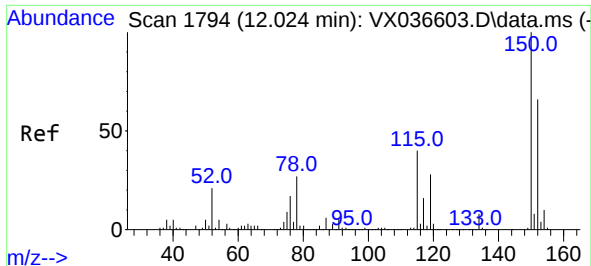
Tgt Ion:106 Resp: 91100
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8



#70
Styrene
Concen: 8.988 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:104 Resp: 45721
Ion Ratio Lower Upper
104 100
78 70.7 43.6 65.4#
103 70.3 43.6 65.4#

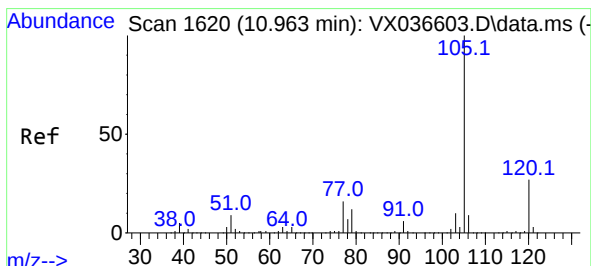
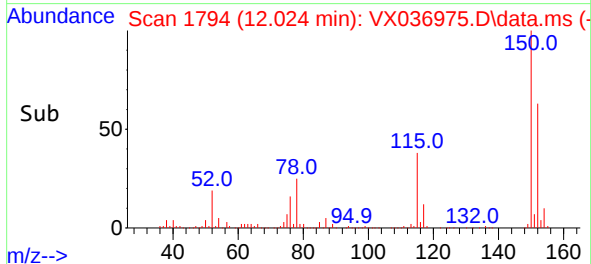
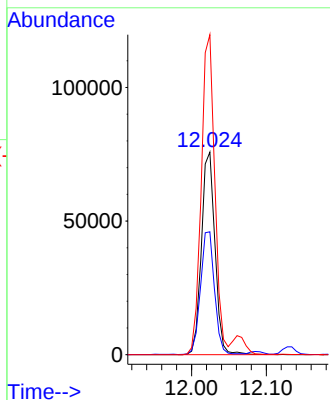
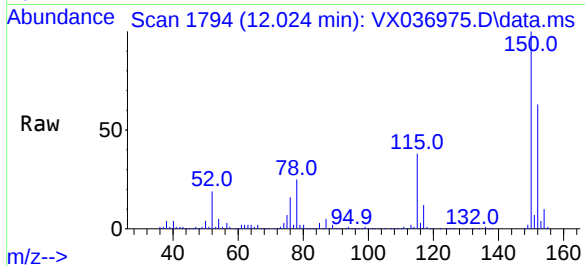




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

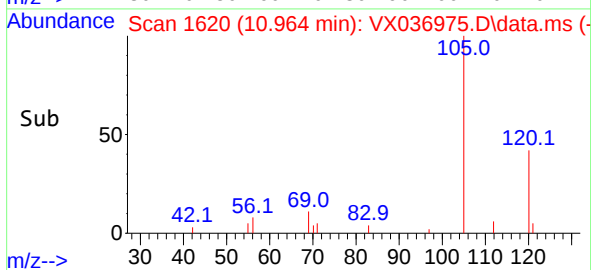
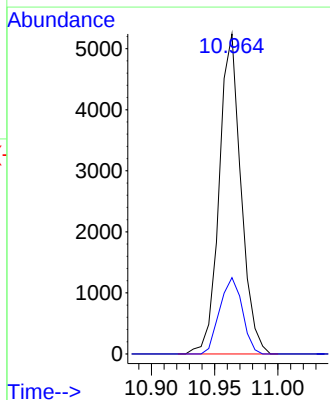
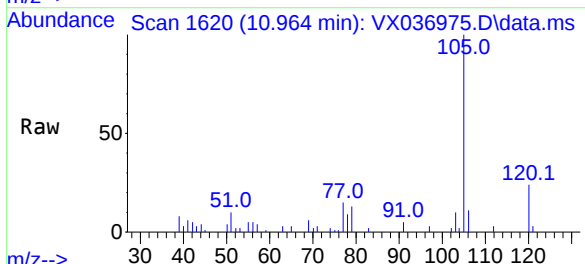
Instrument :
MSVOA_X
ClientSampleId :
713-F

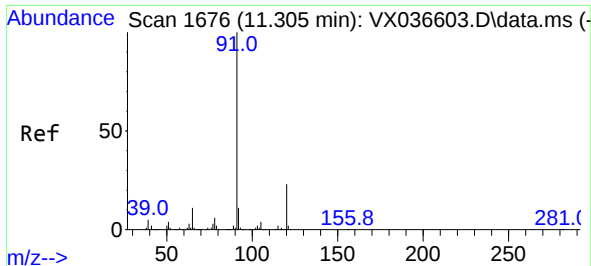
Tgt Ion:152 Resp: 95875
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.3 0.0 345.0



#73
Isopropylbenzene
Concen: 0.790 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:105 Resp: 6265
Ion Ratio Lower Upper
105 100
120 24.7 12.9 38.6

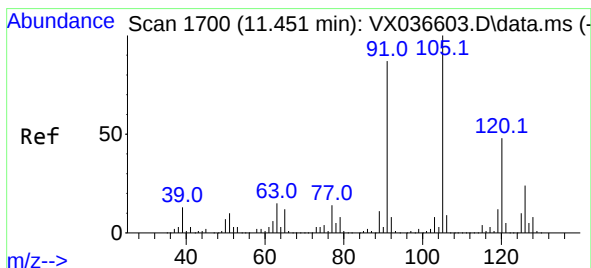
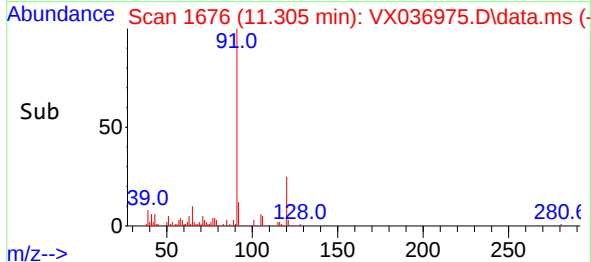
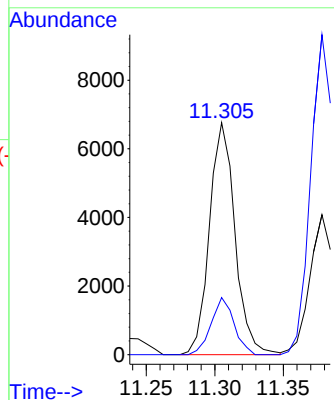
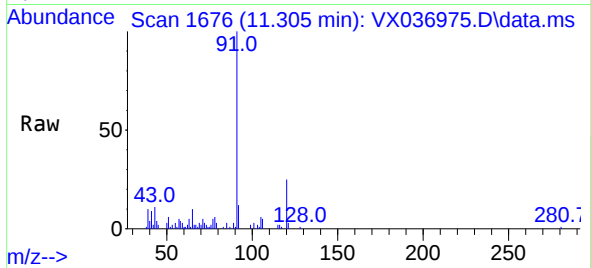




#78
n-propylbenzene
Concen: 0.957 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

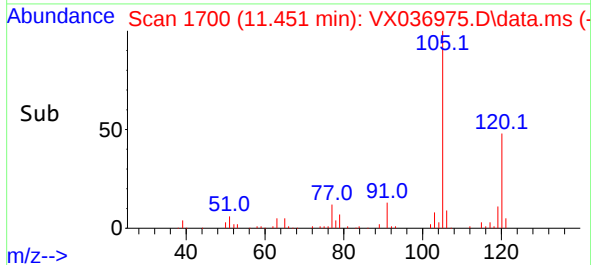
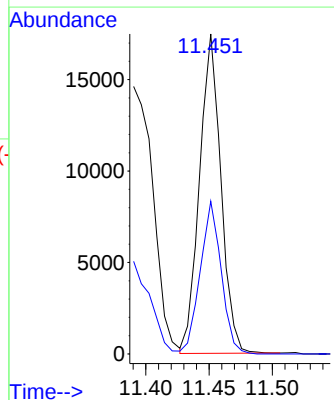
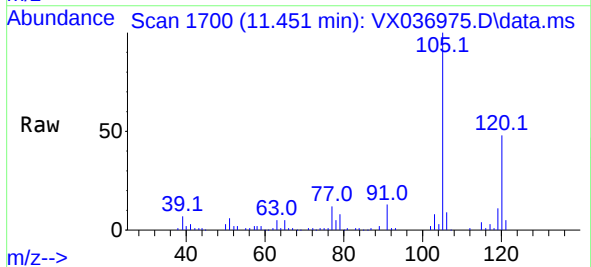
Instrument :
MSVOA_X
ClientSampleId :
713-F

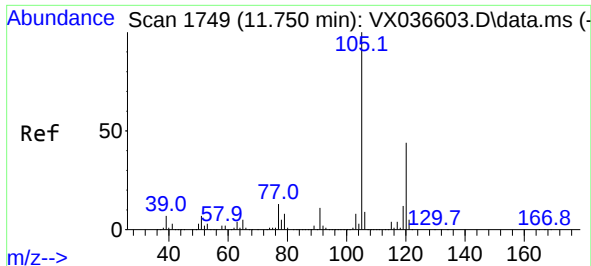
Tgt Ion: 91 Resp: 8780
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 3.106 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 105 Resp: 20619
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3

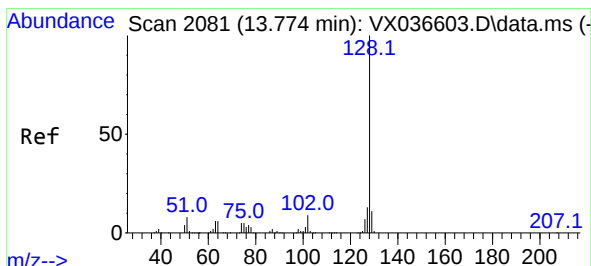
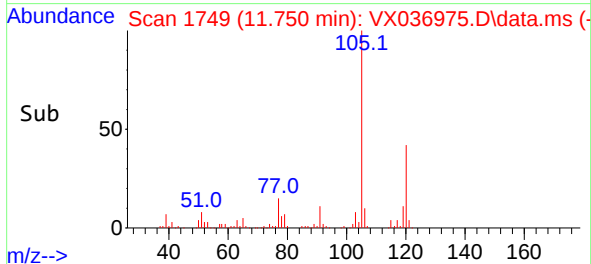
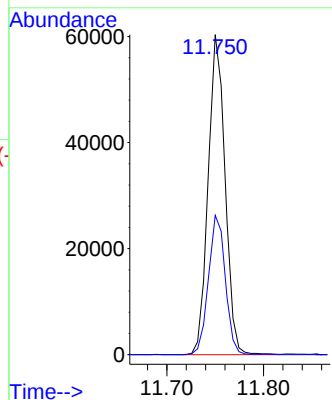
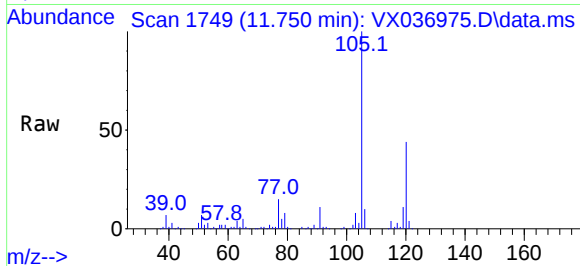




#84
1,2,4-Trimethylbenzene
Concen: 11.089 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :
713-F

Tgt Ion:105 Resp: 73610
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6



#95
Naphthalene
Concen: 82.573 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:128 Resp: 572536
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

