

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036994.D
 Acq On : 15 Aug 2023 17:44
 Operator : JC/MD
 Sample : 03899-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15017DL

Quant Time: Aug 16 05:34:26 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)

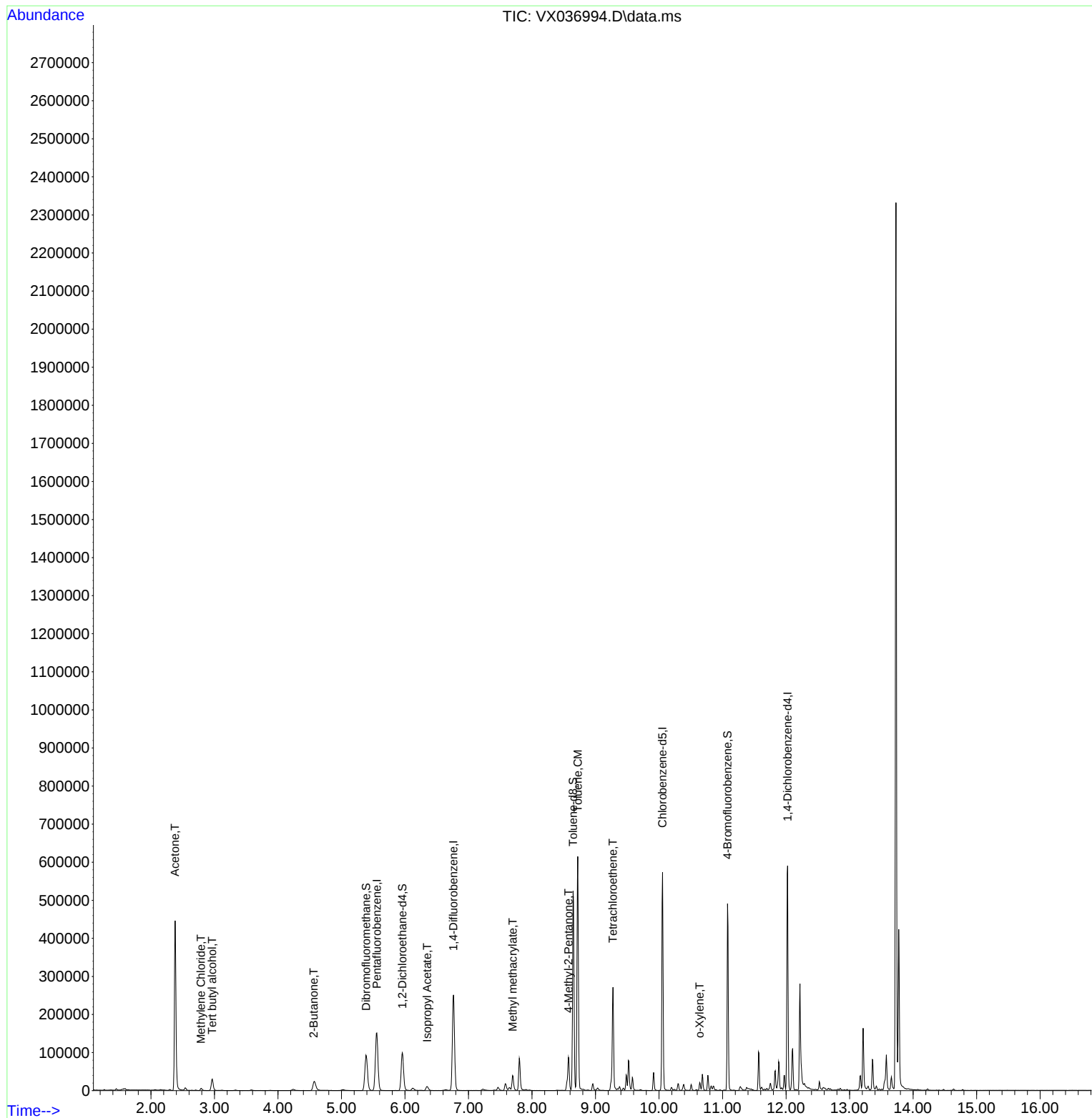
Internal Standards						
1) Pentafluorobenzene	5.556	168	139363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99624	48.312	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.385	113	82112	45.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.646	98	316948	49.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	129551	53.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	37013	75.817	ug/l #	92
16) Acetone	2.379	43	467329	546.146	ug/l	92
20) Methylene Chloride	2.788	84	3065	1.611	ug/l #	80
25) 2-Butanone	4.562	43	20240	14.579	ug/l	92
43) Isopropyl Acetate	6.348	43	13585	2.595	ug/l	99
48) Methyl methacrylate	7.695	41	16856	6.924	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	54941	18.966	ug/l	99
52) Toluene	8.720	92	234692	47.916	ug/l	99
64) Tetrachloroethene	9.274	164	47943	25.074	ug/l	98
69) o-Xylene	10.640	106	3968	1.032	ug/l	93

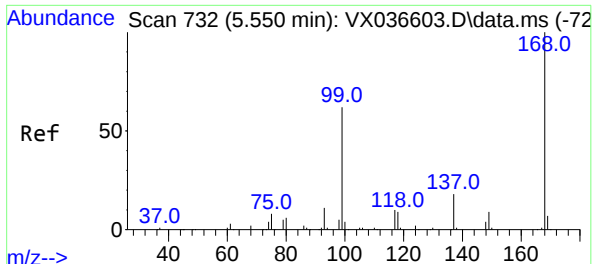
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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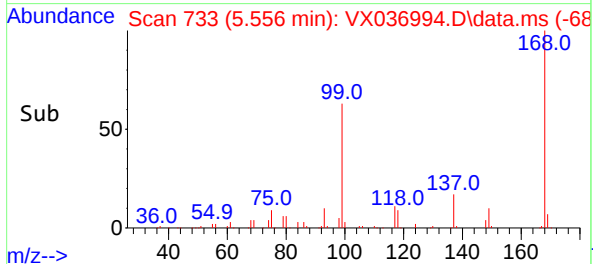
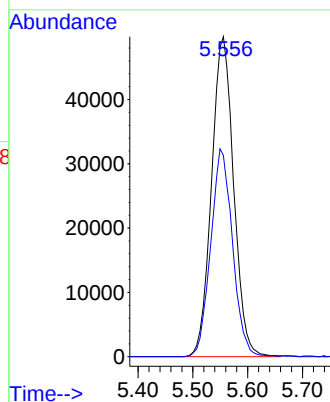
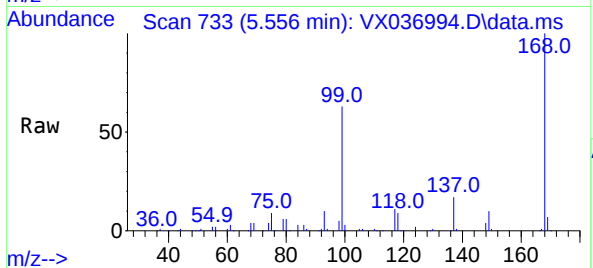




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

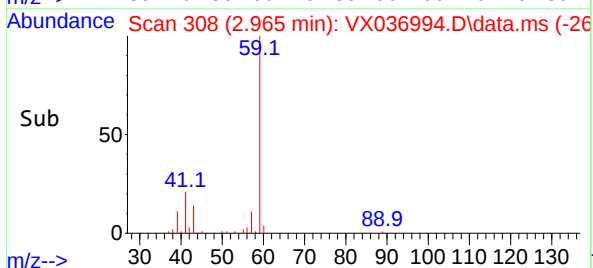
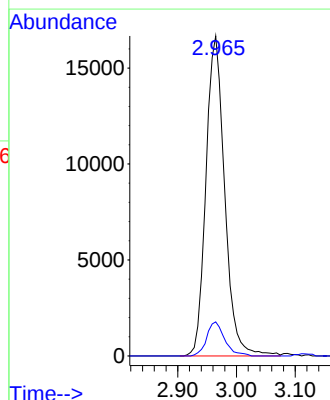
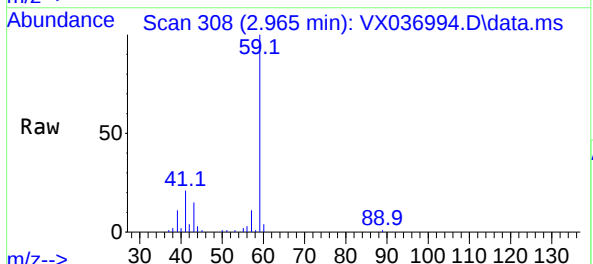
Instrument :
MSVOA_X
ClientSampleId :
15017DL

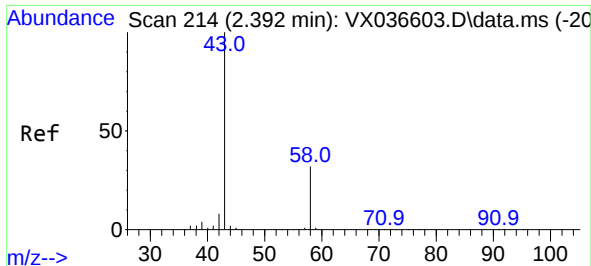
Tgt Ion:168 Resp: 139363
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 75.817 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion: 59 Resp: 37013
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#

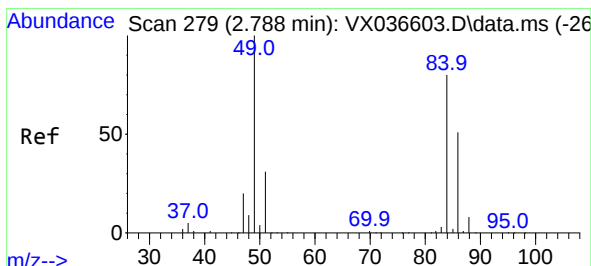
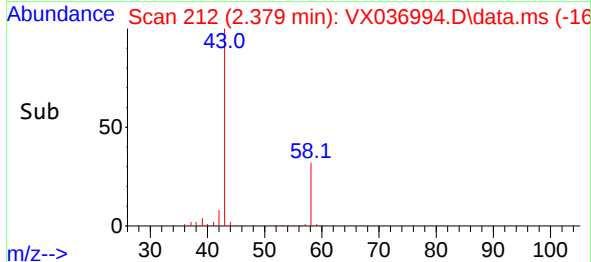
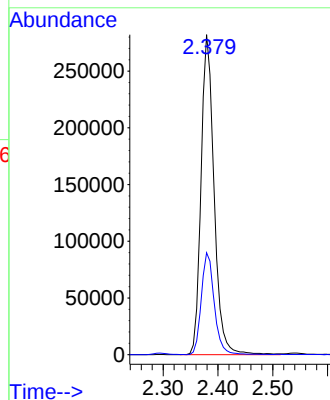
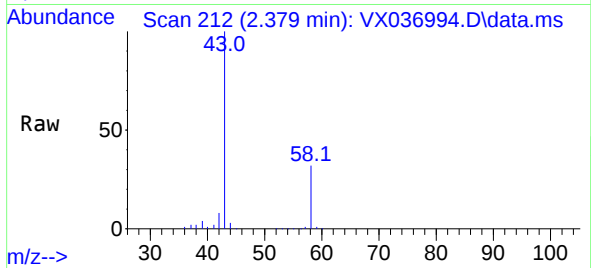




#16
Acetone
Concen: 546.146 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

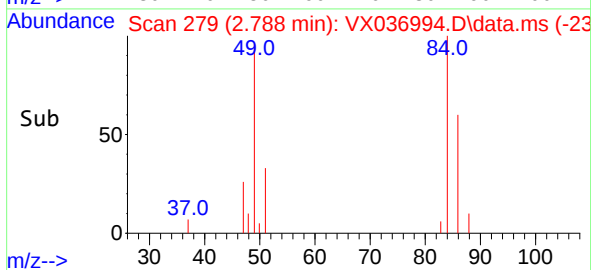
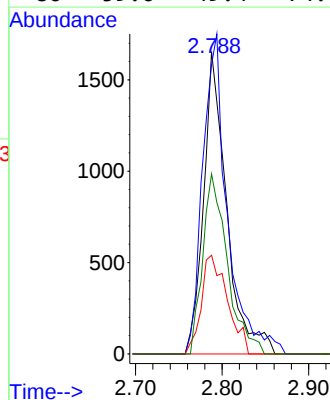
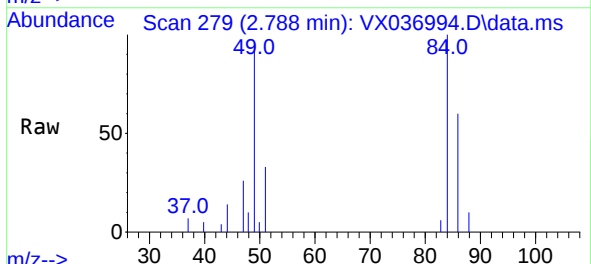
Instrument :
MSVOA_X
ClientSampleId :
15017DL

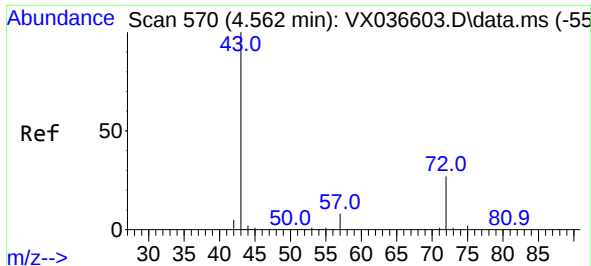
Tgt Ion: 43 Resp: 467329
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



#20
Methylene Chloride
Concen: 1.611 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion: 84 Resp: 3065
Ion Ratio Lower Upper
84 100
49 95.7 103.6 155.4#
51 32.6 33.8 50.6#
86 59.6 49.4 74.0

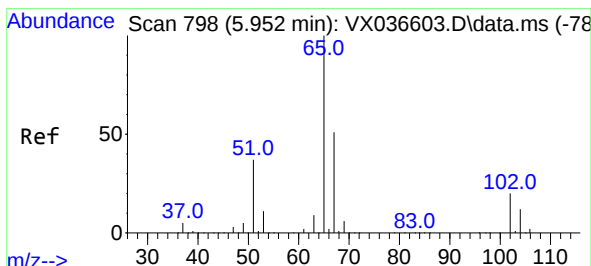
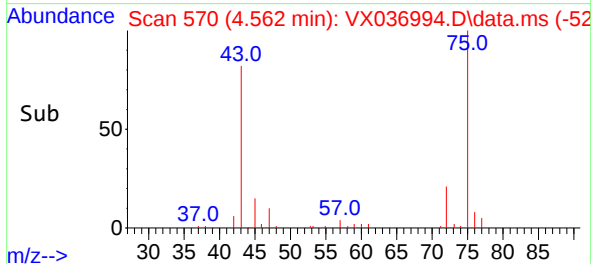
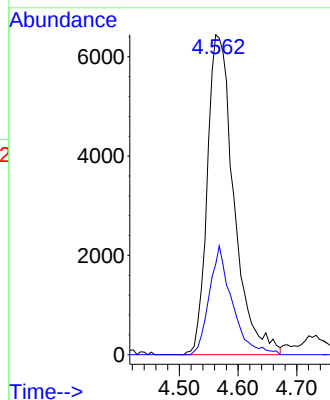
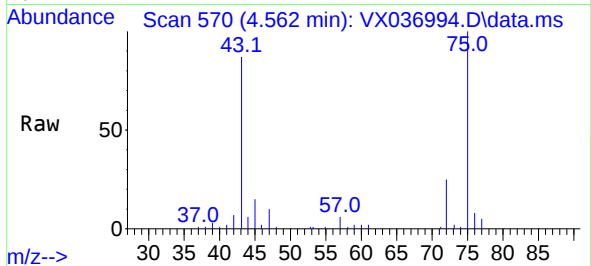




#25
2-Butanone
Concen: 14.579 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

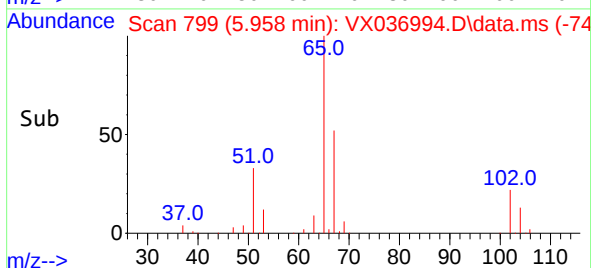
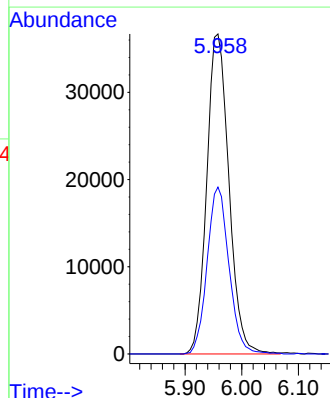
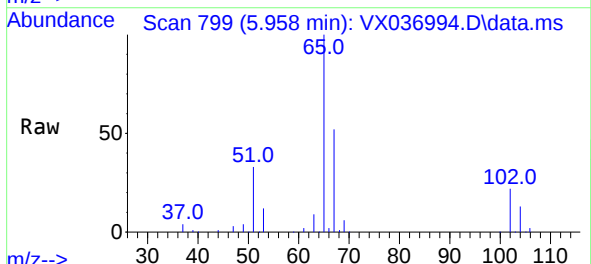
Instrument :
MSVOA_X
ClientSampleId :
15017DL

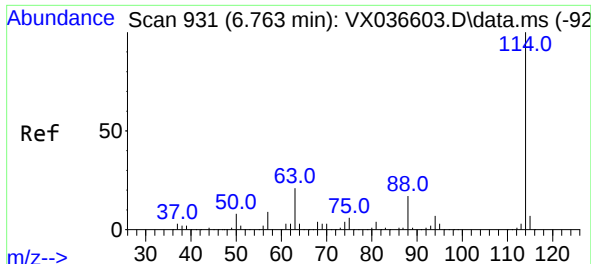
Tgt Ion: 43 Resp: 20240
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 48.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion: 65 Resp: 99624
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

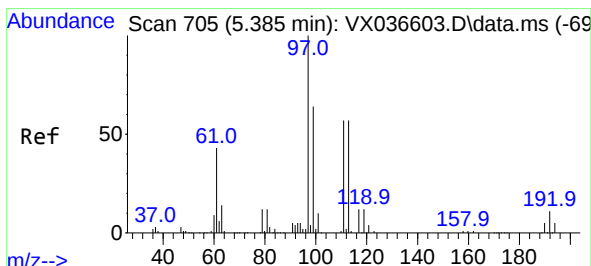
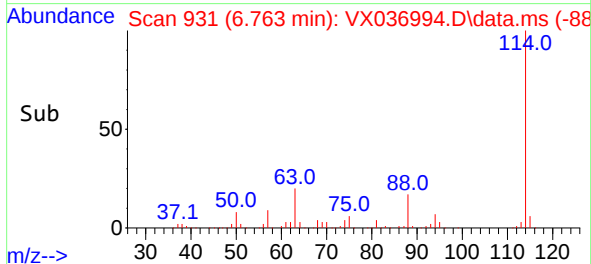
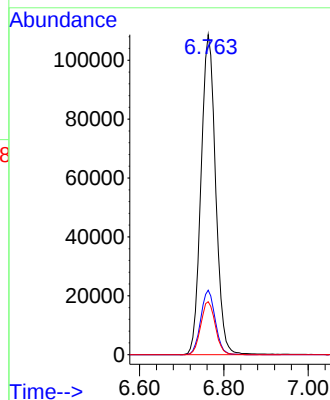
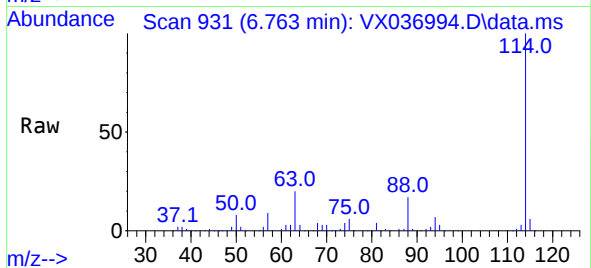




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

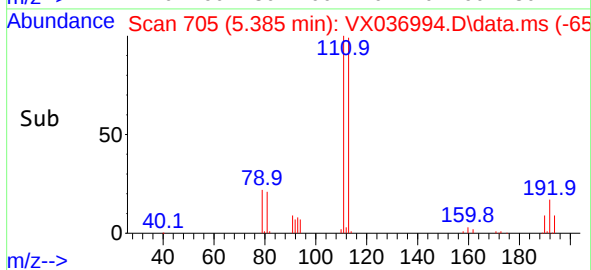
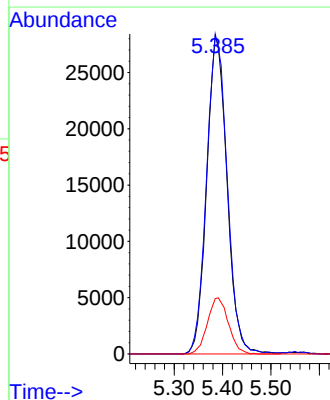
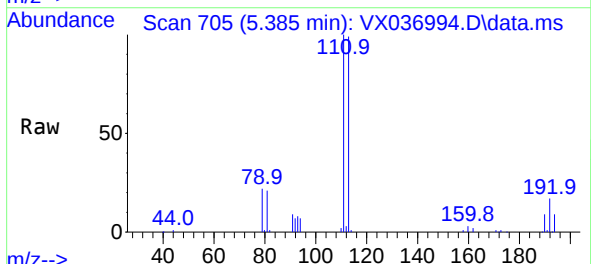
Instrument :
MSVOA_X
ClientSampleId :
15017DL

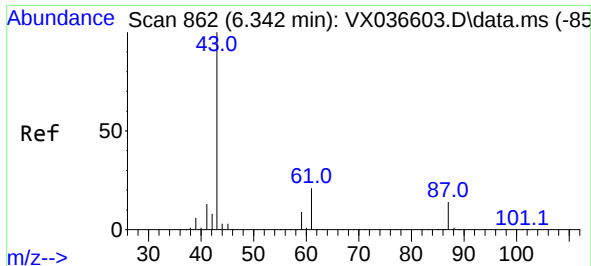
Tgt Ion:114 Resp: 262252
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.553 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion:113 Resp: 82112
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.2 13.3 19.9

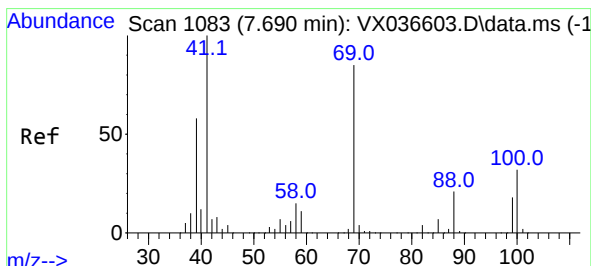
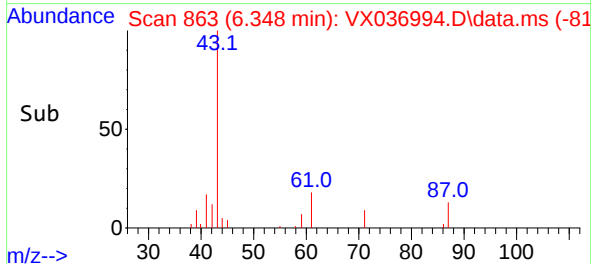
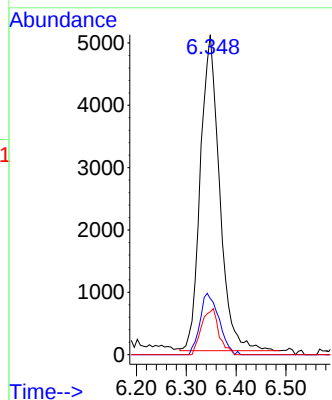
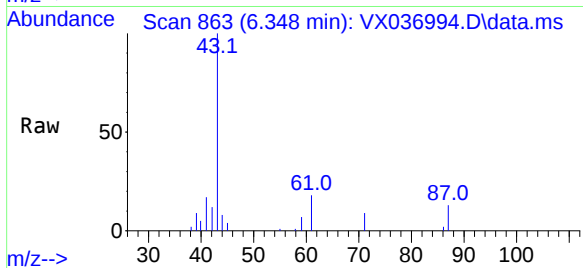




#43
Isopropyl Acetate
Concen: 2.595 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

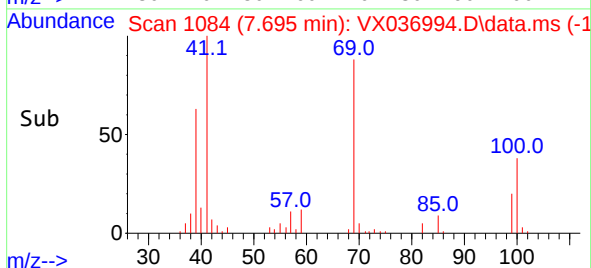
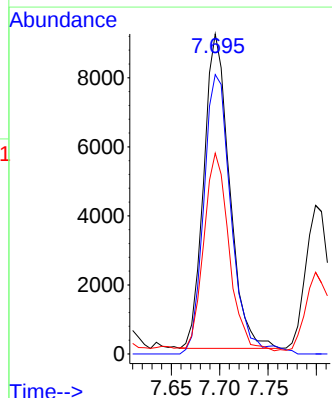
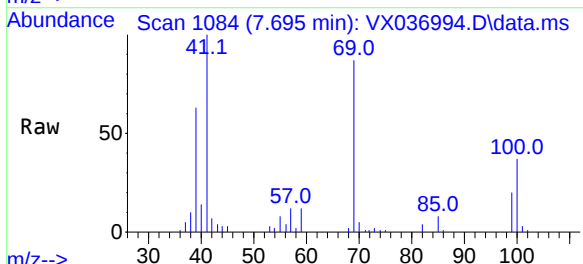
Instrument :
MSVOA_X
ClientSampleId :
15017DL

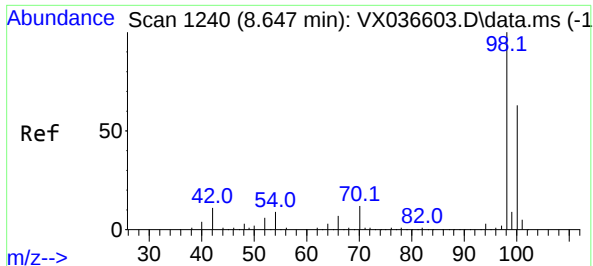
Tgt Ion:	43	Resp:	13585
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	13.1	9.8	14.6



#48
Methyl methacrylate
Concen: 6.924 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion:	41	Resp:	16856
Ion	Ratio	Lower	Upper
41	100		
69	94.6	59.2	88.8
39	62.2	47.7	71.5





#50

Toluene-d8

Concen: 49.583 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036994.D

Acq: 15 Aug 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

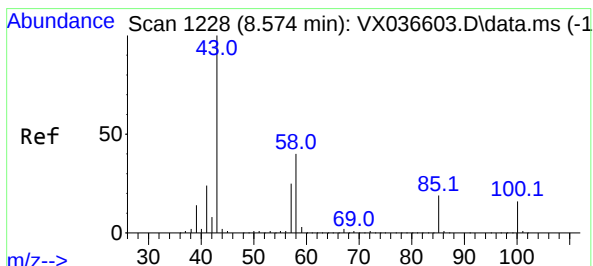
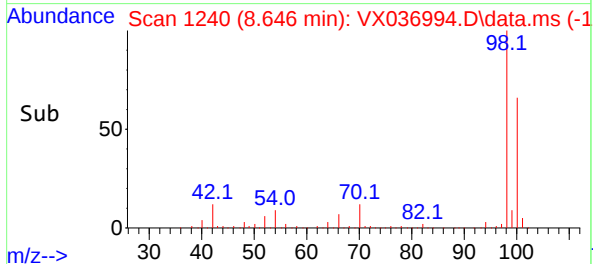
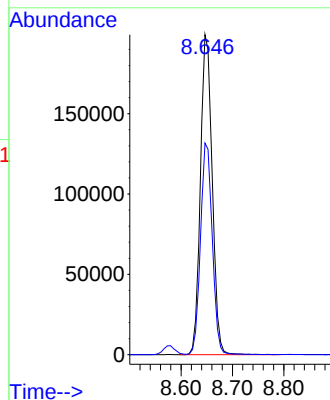
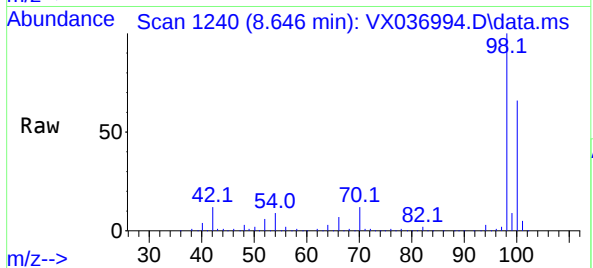
15017DL

Tgt Ion: 98 Resp: 316948

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 18.966 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036994.D

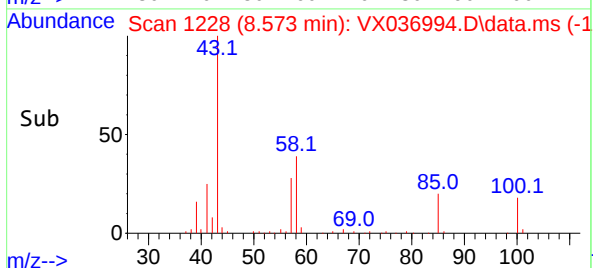
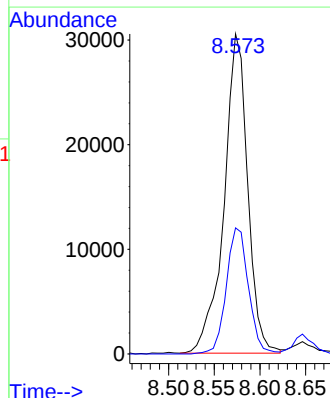
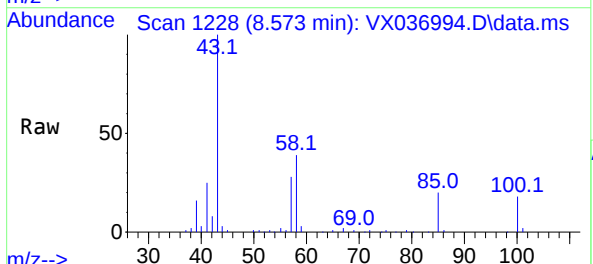
Acq: 15 Aug 2023 17:44

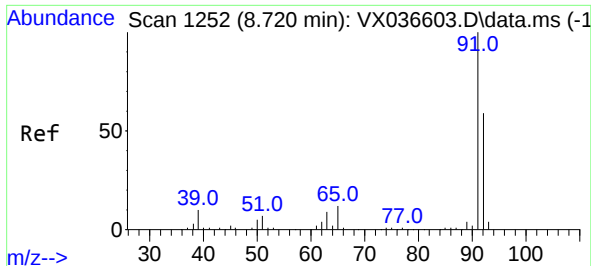
Tgt Ion: 43 Resp: 54941

Ion Ratio Lower Upper

43 100

58 37.1 30.4 45.6

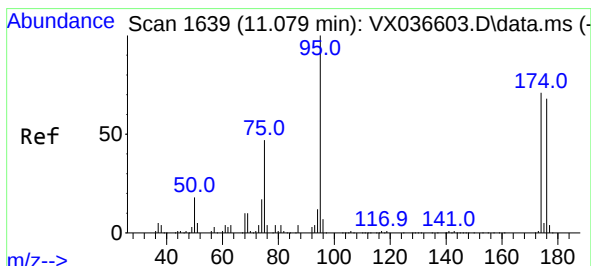
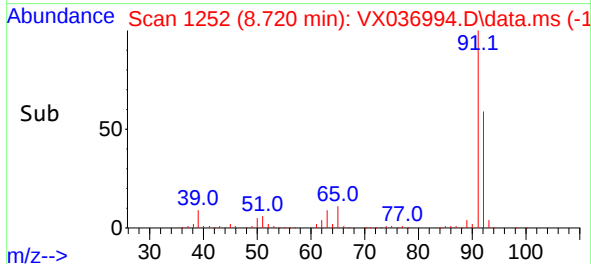
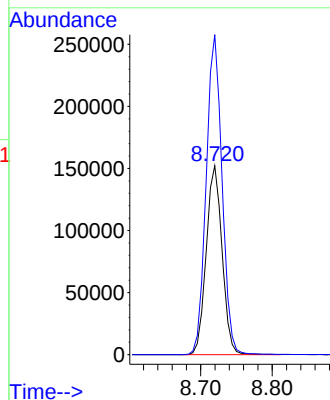
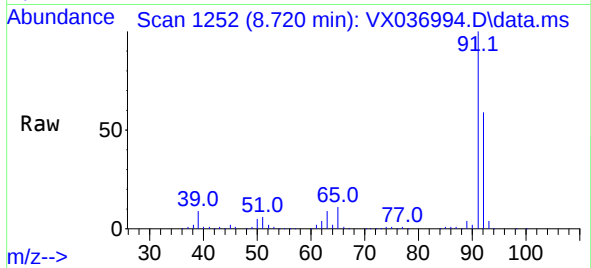




#52
Toluene
Concen: 47.916 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

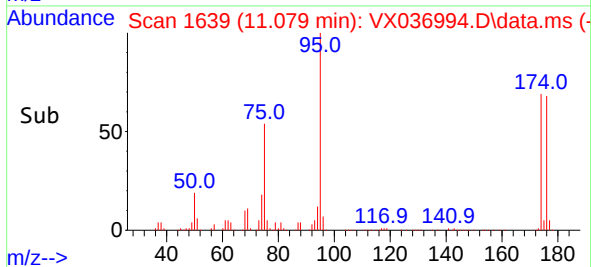
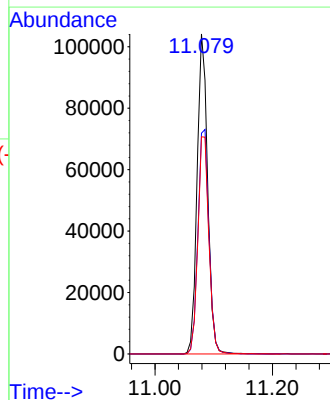
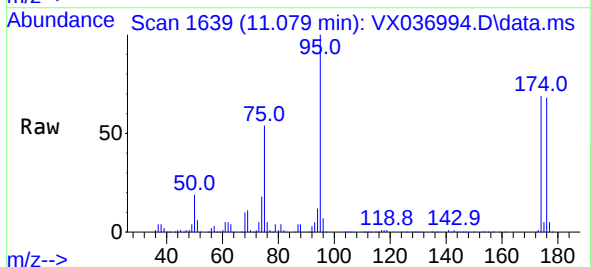
Instrument :
MSVOA_X
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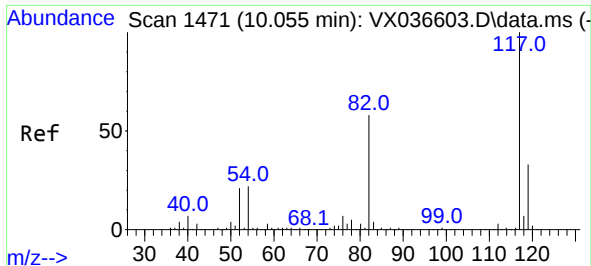
Tgt Ion: 92 Resp: 234692
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 53.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion: 95 Resp: 129551
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.1 0.0 131.0

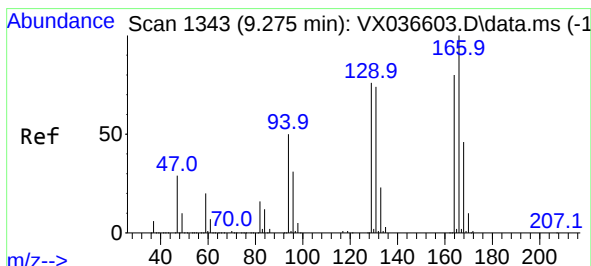
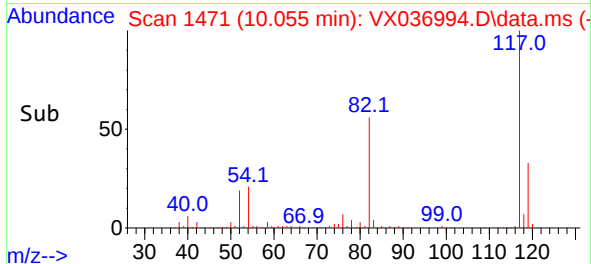
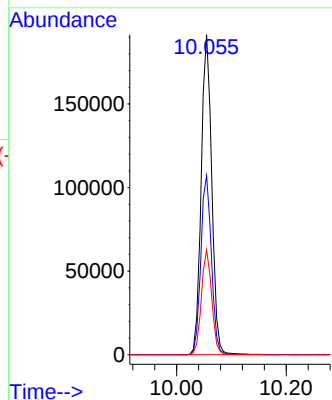
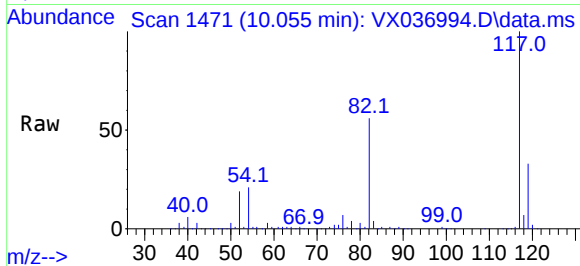




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

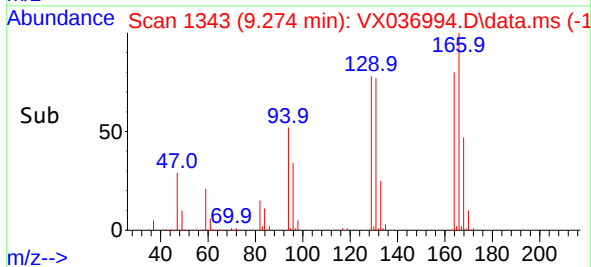
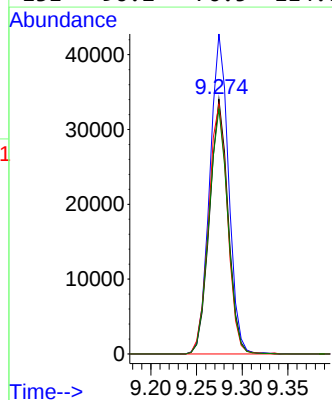
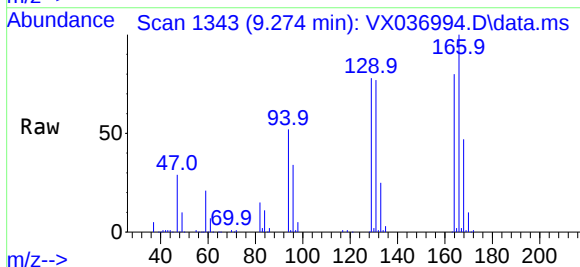
Instrument :
MSVOA_X
ClientSampleId :
15017DL

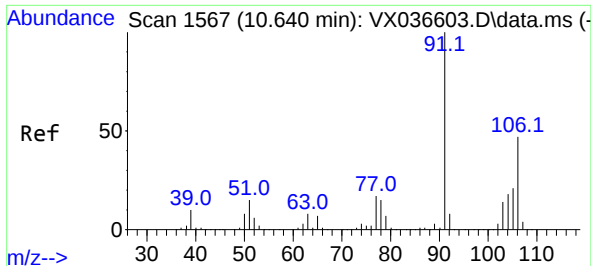
Tgt Ion:117 Resp: 256349
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 25.074 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion:164 Resp: 47943
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 97.9 80.4 120.6
131 96.2 76.5 114.7

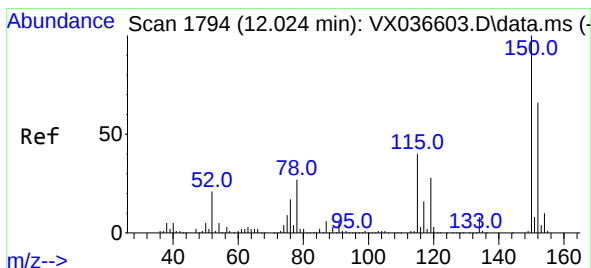
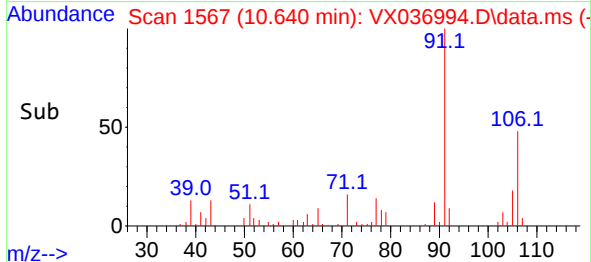
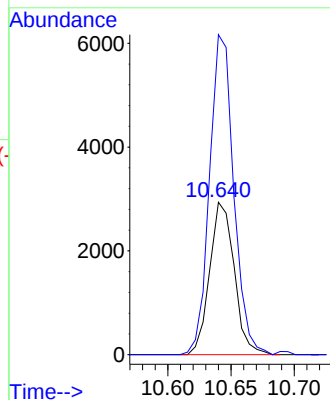
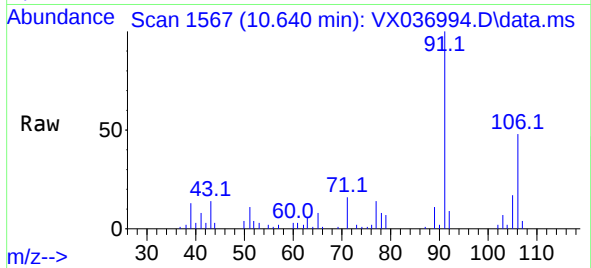




#69
o-Xylene
Concen: 1.032 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
15017DL

Tgt Ion:106 Resp: 3968
Ion Ratio Lower Upper
106 100
91 207.0 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036994.D
Acq: 15 Aug 2023 17:44

Tgt Ion:152 Resp: 122511
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.4 0.0 345.0

