

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039600.D
 Acq On : 03 Jan 2024 14:28
 Operator : JC/MD
 Sample : P1002-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1212

Quant Time: Jan 04 03:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

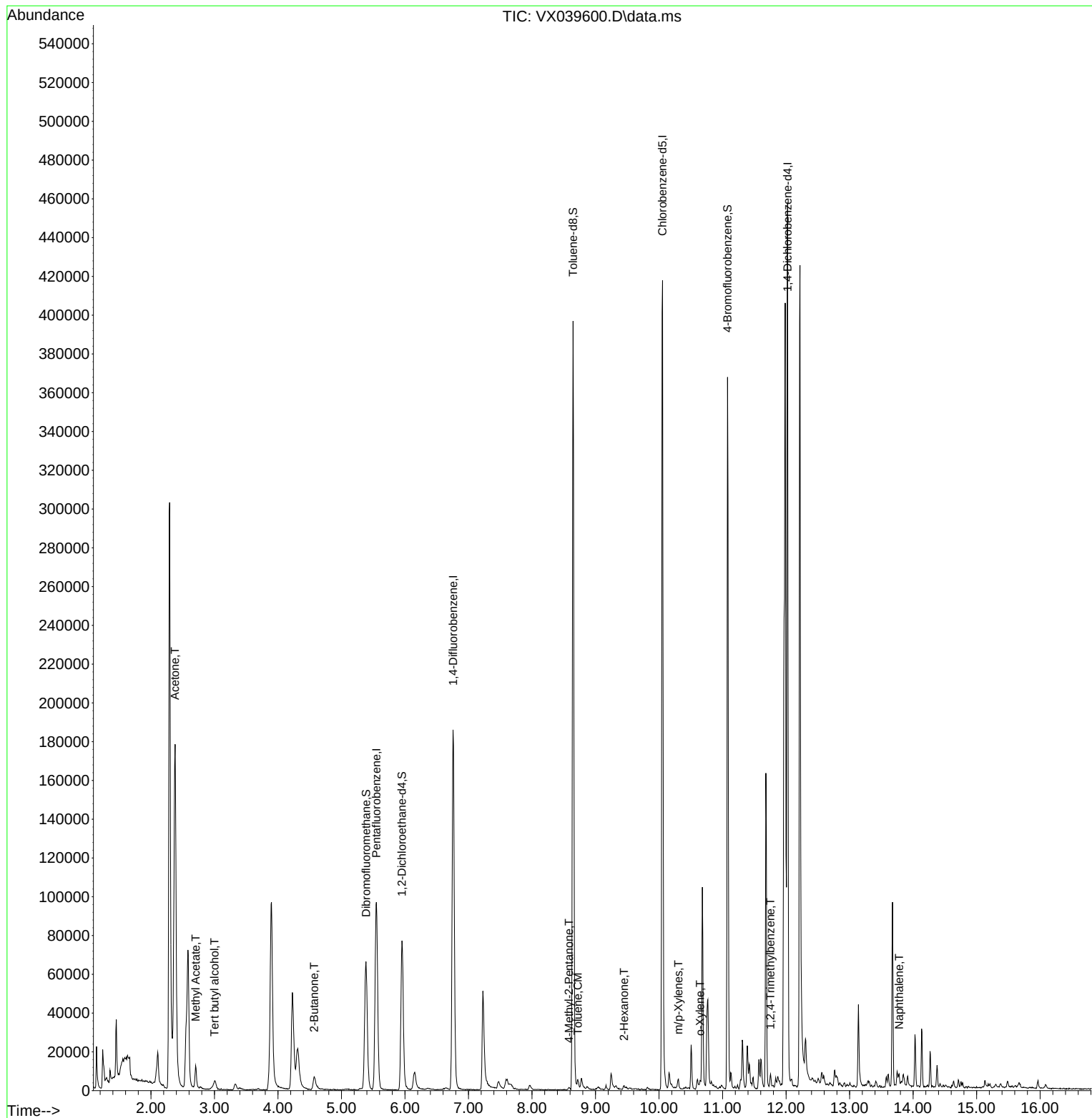
Internal Standards						
1) Pentafluorobenzene	5.550	168	86460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75069	47.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.385	113	59484	47.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.647	98	228395	49.097	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	98642	51.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	7624	19.168	ug/l #	86
16) Acetone	2.379	43	109079	104.812	ug/l #	1
18) Methyl Acetate	2.703	43	13426	3.919	ug/l	99
25) 2-Butanone	4.568	43	14065	10.291	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	1186	0.469	ug/l	95
52) Toluene	8.720	92	1384	0.410	ug/l	82
59) 2-Hexanone	9.451	43	2171	0.994	ug/l	79
68) m/p-Xylenes	10.305	106	1213	0.457	ug/l	78
69) o-Xylene	10.646	106	625	0.244	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2966	0.529	ug/l	92
95) Naphthalene	13.780	128	2773	0.456	ug/l	96

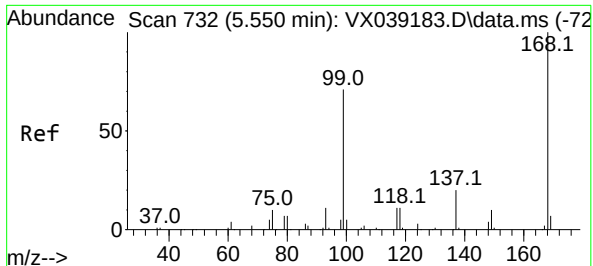
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
Data File : VX039600.D
Acq On : 03 Jan 2024 14:28
Operator : JC/MD
Sample : P1002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1212

Quant Time: Jan 04 03:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





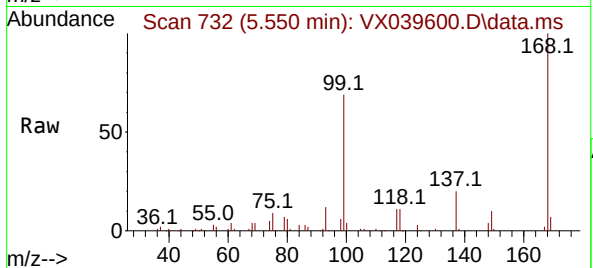
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Instrument :

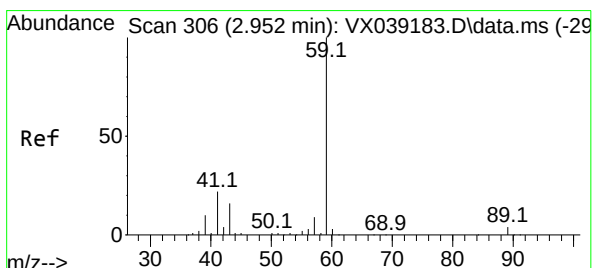
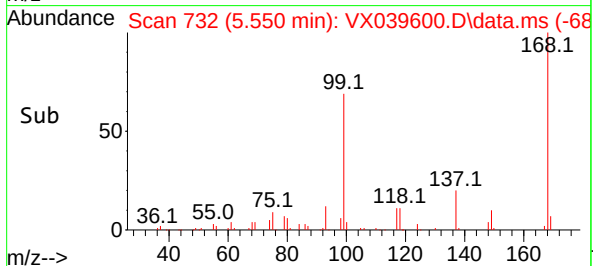
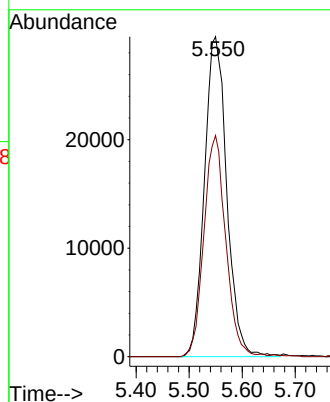
MSVOA_X

ClientSampleId :

1212

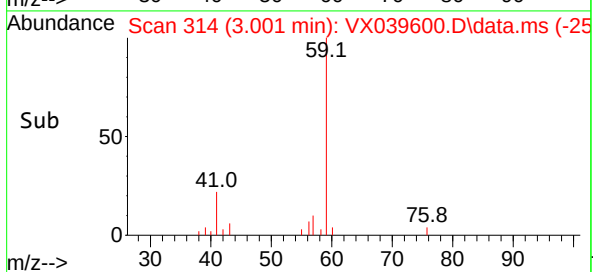
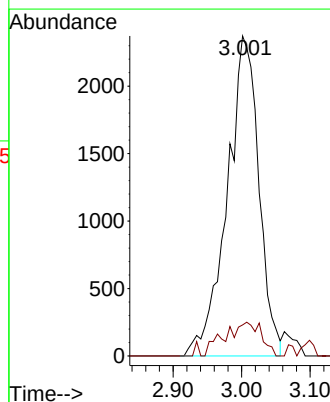
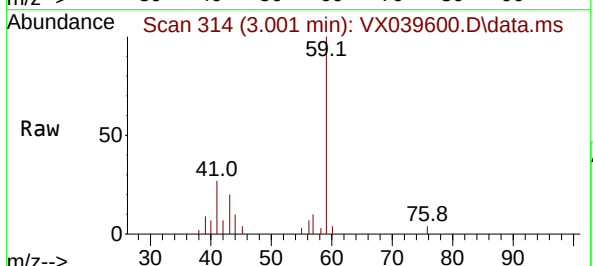


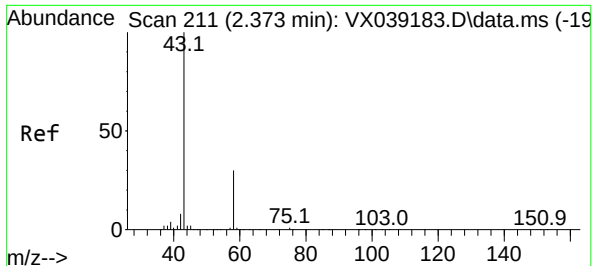
Tgt Ion:168 Resp: 86460
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 19.168 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.049 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Tgt Ion: 59 Resp: 7624
Ion Ratio Lower Upper
59 100
57 12.3 6.0 9.0#

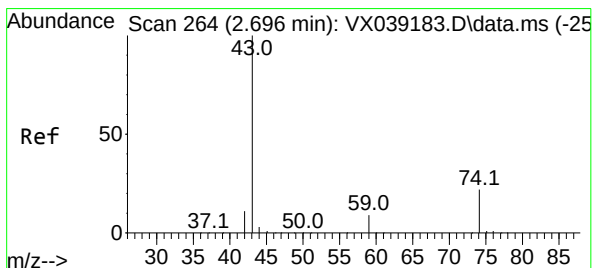
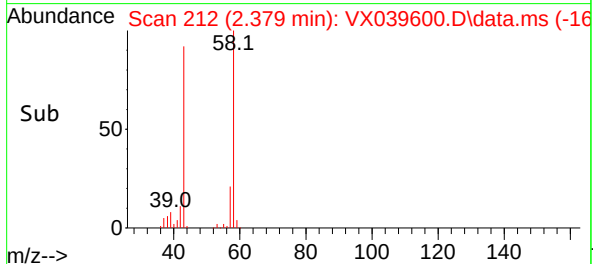
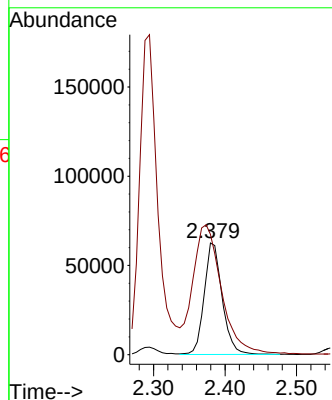
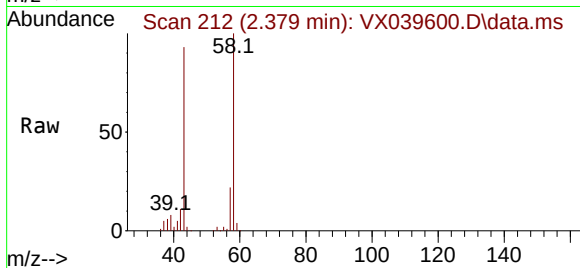




#16
Acetone
Concen: 104.812 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

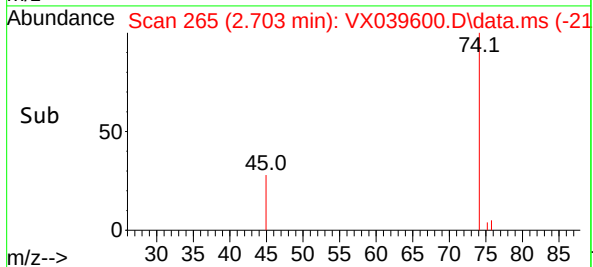
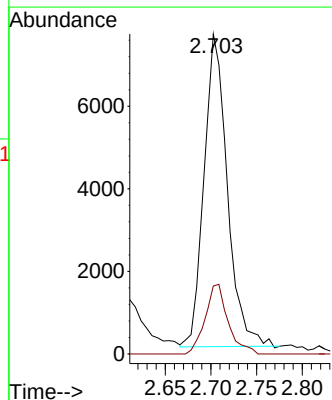
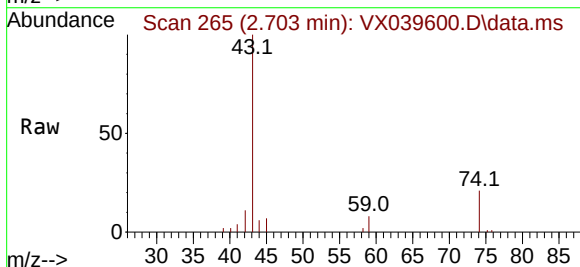
Instrument :
MSVOA_X
ClientSampleId :
1212

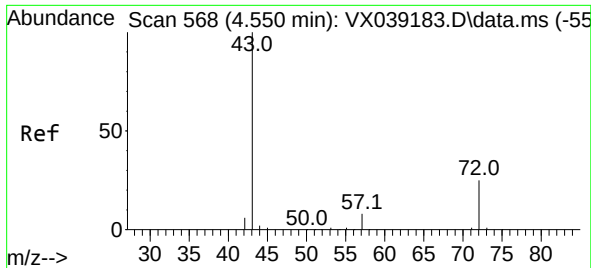
Tgt Ion: 43 Resp: 109079
Ion Ratio Lower Upper
43 100
58 106.5 21.9 32.9#



#18
Methyl Acetate
Concen: 3.919 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Tgt Ion: 43 Resp: 13426
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8

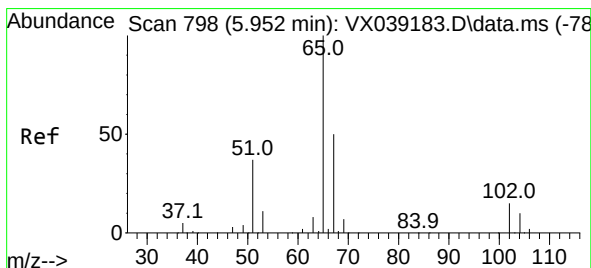
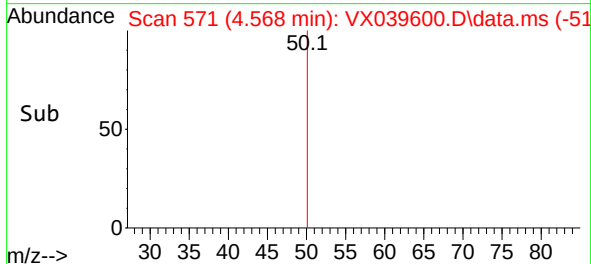
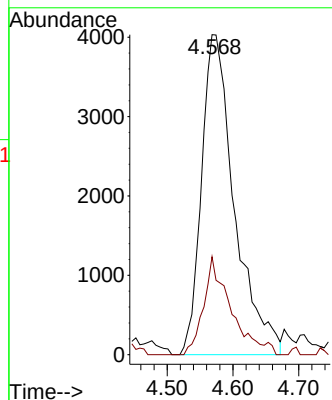
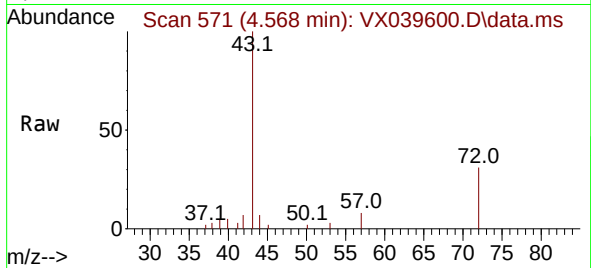




#25
2-Butanone
Concen: 10.291 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

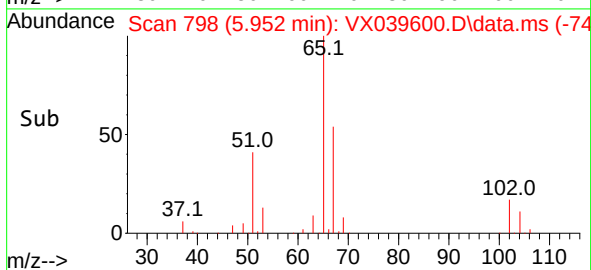
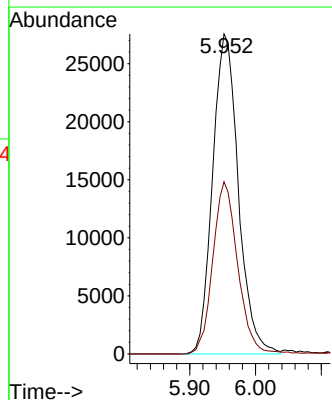
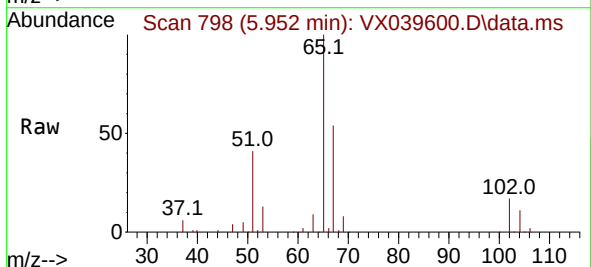
Instrument :
MSVOA_X
ClientSampleId :
1212

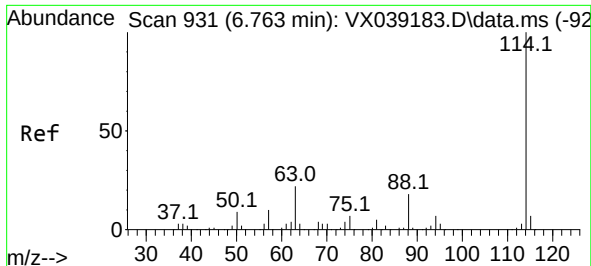
Tgt Ion: 43 Resp: 14065
Ion Ratio Lower Upper
43 100
72 30.6 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 47.395 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Tgt Ion: 65 Resp: 75069
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

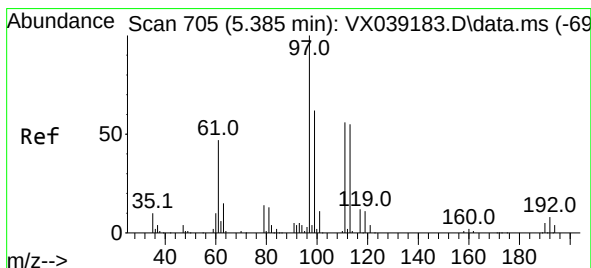
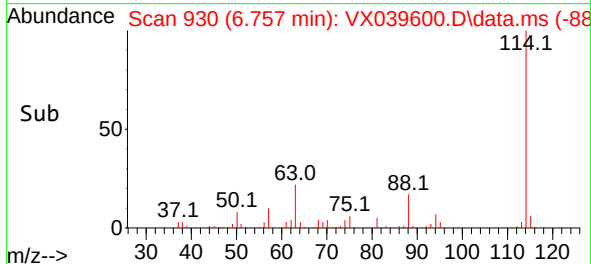
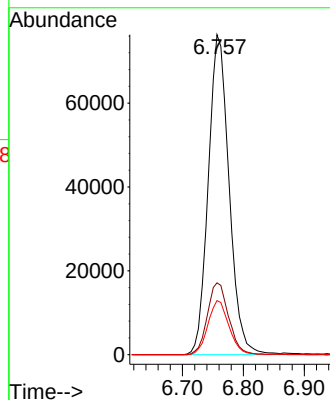
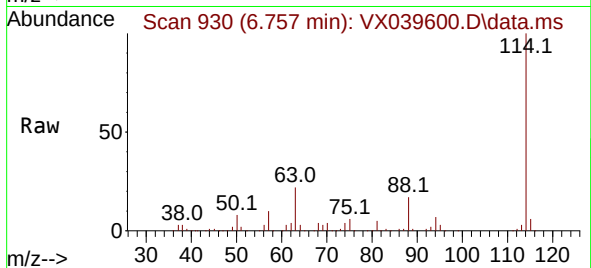




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 912
Delta R.T. -0.006 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

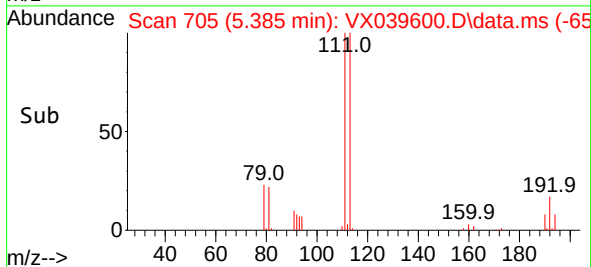
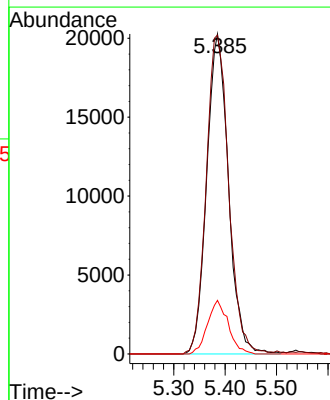
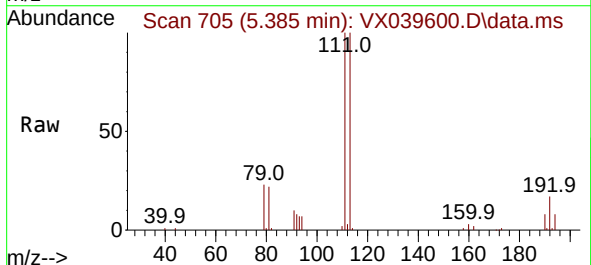
Instrument :
MSVOA_X
ClientSampleId :
1212

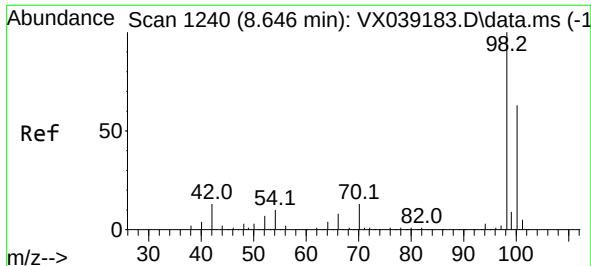
Tgt Ion:114 Resp: 181376
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.472 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Tgt Ion:113 Resp: 59484
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.0 13.3 19.9





#50

Toluene-d8

Concen: 49.097 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039600.D

Acq: 03 Jan 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

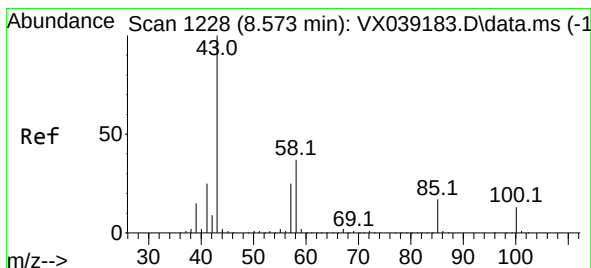
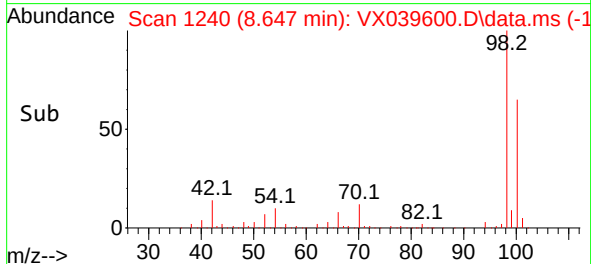
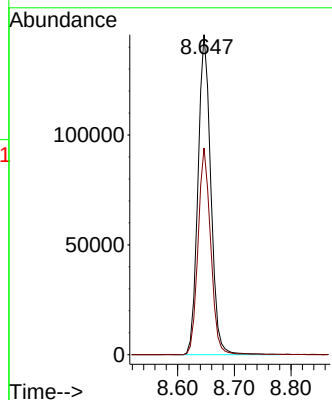
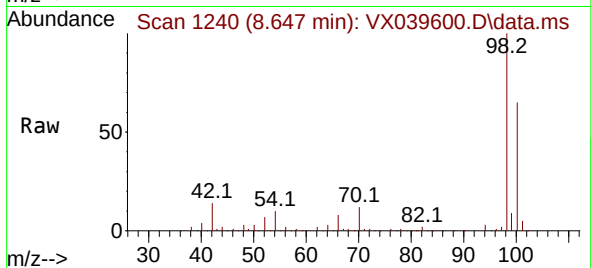
1212

Tgt Ion: 98 Resp: 228395

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX039600.D

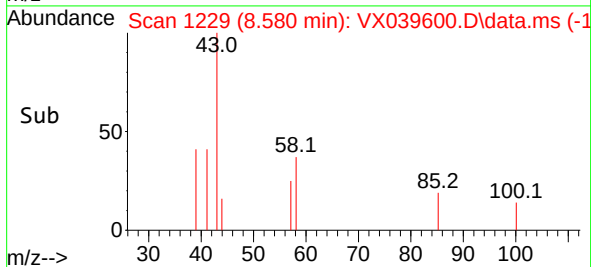
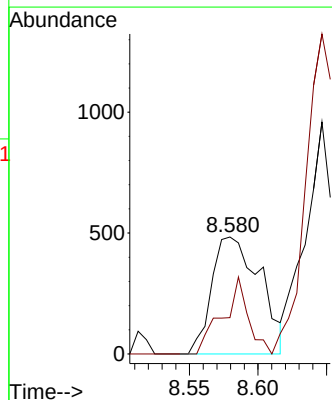
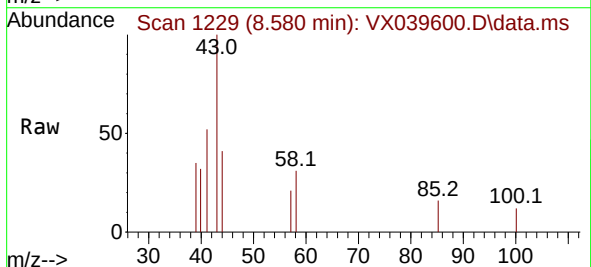
Acq: 03 Jan 2024 14:28

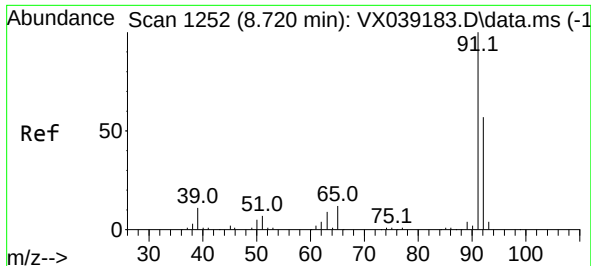
Tgt Ion: 43 Resp: 1186

Ion Ratio Lower Upper

43 100

58 34.8 30.4 45.6

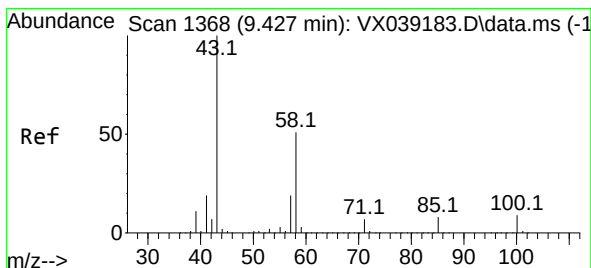
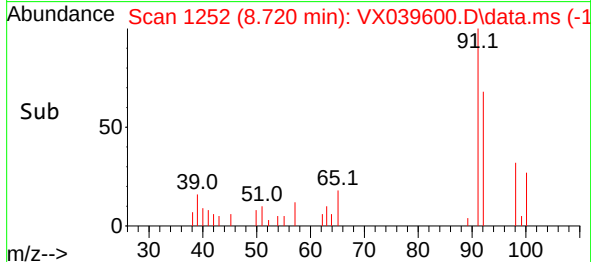
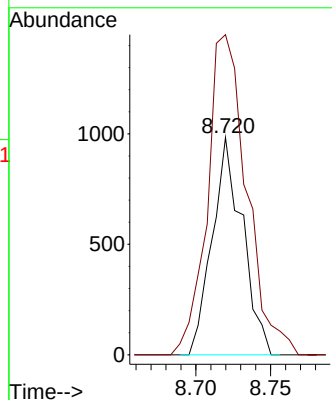
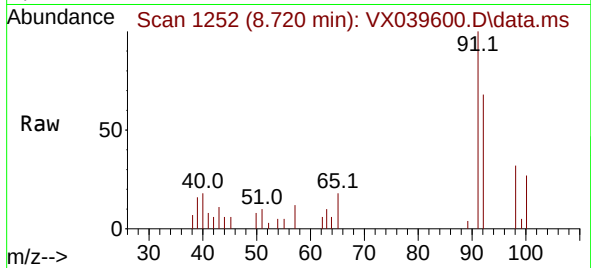




#52
Toluene
Concen: 0.410 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

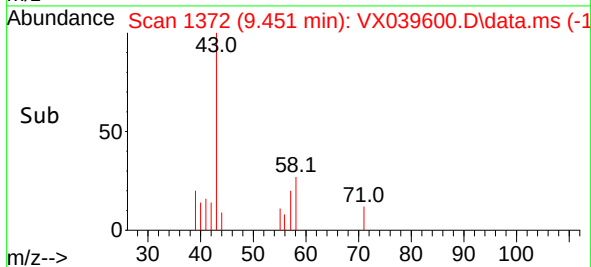
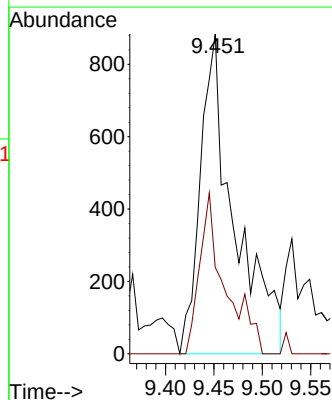
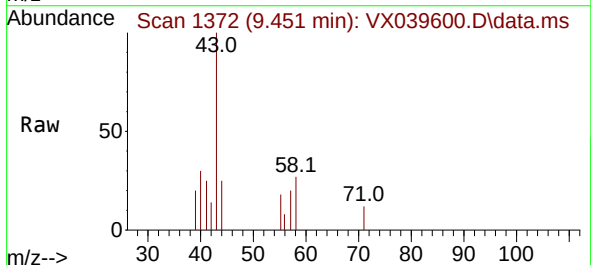
Instrument :
MSVOA_X
ClientSampleId :
1212

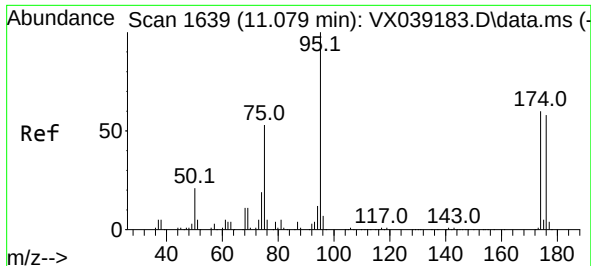
Tgt Ion: 92 Resp: 1384
Ion Ratio Lower Upper
92 100
91 191.5 134.2 201.2



#59
2-Hexanone
Concen: 0.994 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.025 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 37.5 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 51.393 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039600.D

Acq: 03 Jan 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

1212

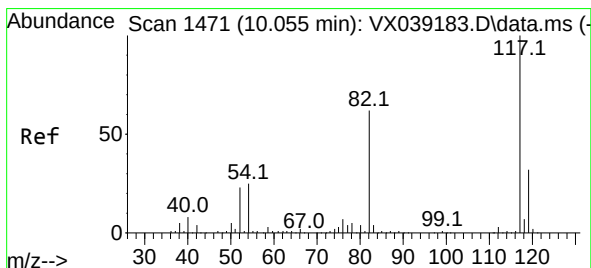
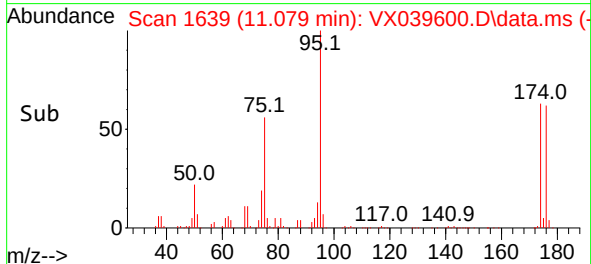
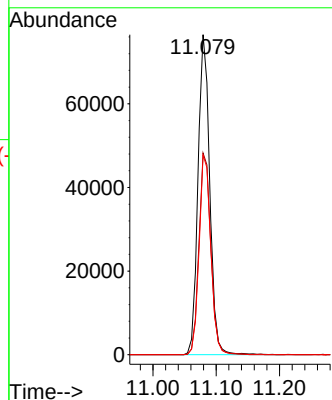
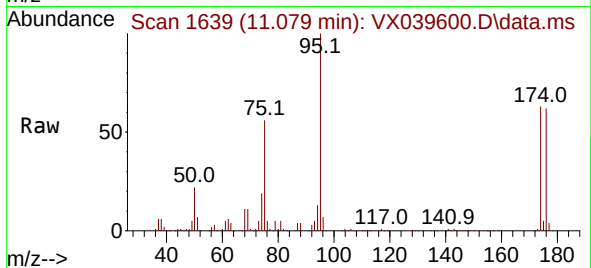
Tgt Ion: 95 Resp: 98642

Ion Ratio Lower Upper

95 100

174 64.2 0.0 135.6

176 62.3 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: VX039600.D

Acq: 03 Jan 2024 14:28

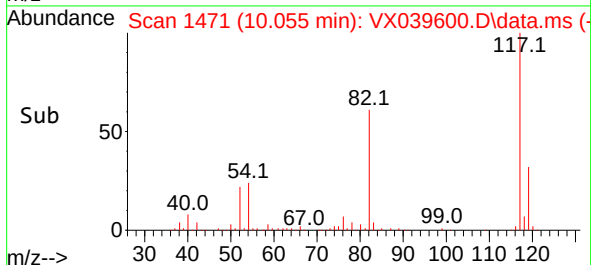
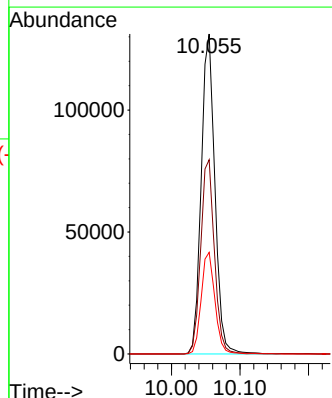
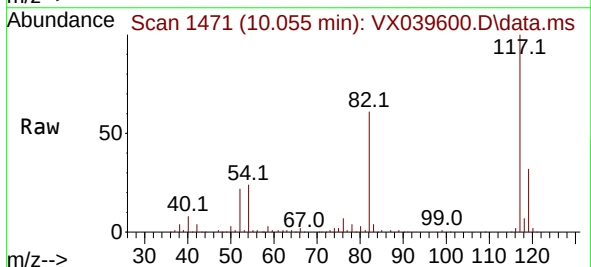
Tgt Ion: 117 Resp: 182197

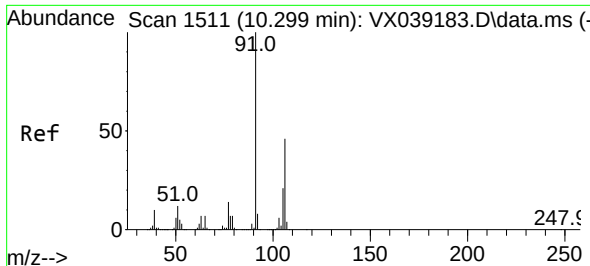
Ion Ratio Lower Upper

117 100

82 60.7 46.2 69.4

119 31.8 25.5 38.3

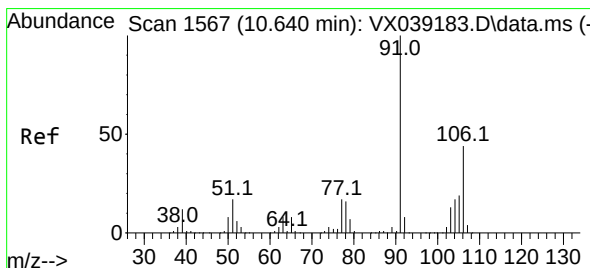
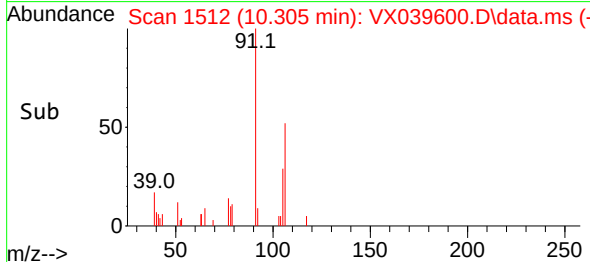
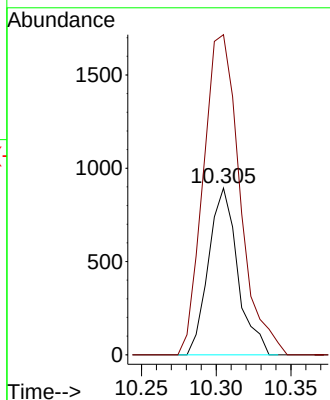
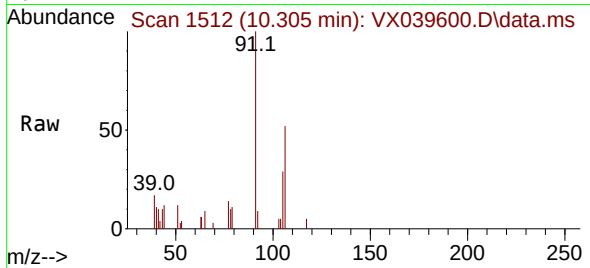




#68
m/p-Xylenes
Concen: 0.457 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

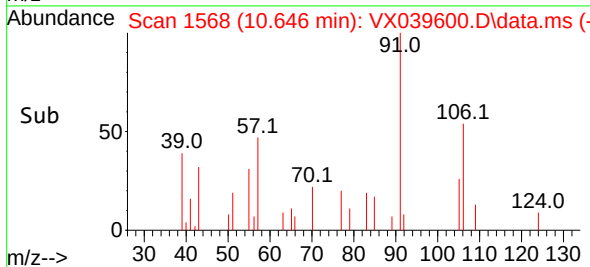
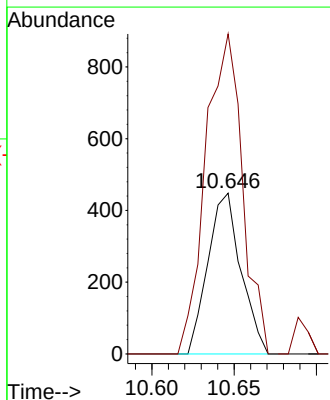
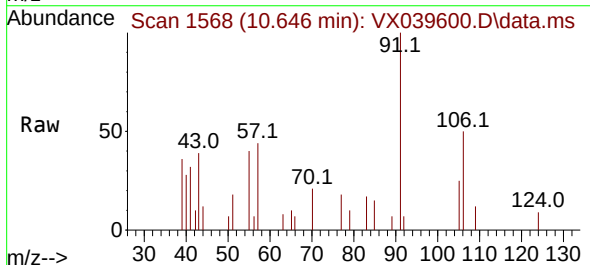
Instrument :
MSVOA_X
ClientSampleId :
1212

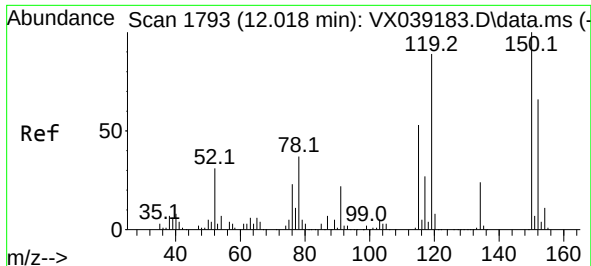
Tgt Ion:106 Resp: 1213
Ion Ratio Lower Upper
106 100
91 240.3 165.5 248.3



#69
o-Xylene
Concen: 0.244 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Tgt Ion:106 Resp: 625
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.8

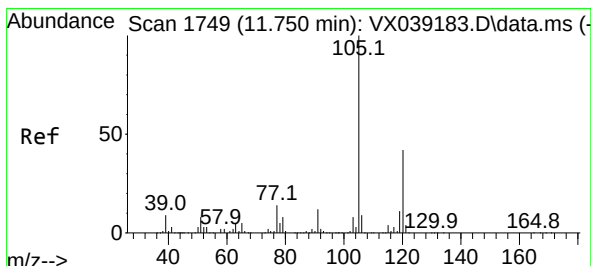
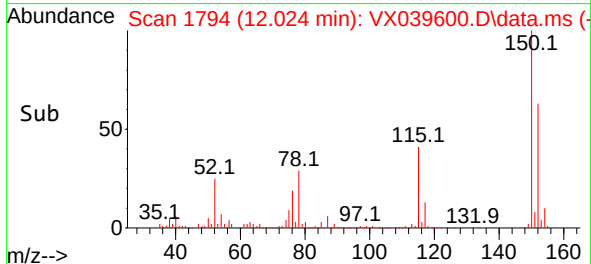
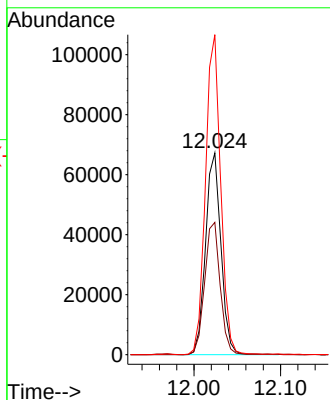
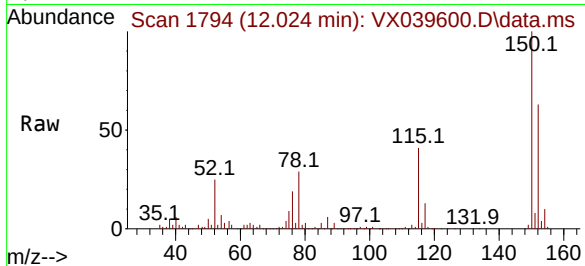




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039600.D
 Acq: 03 Jan 2024 14:28

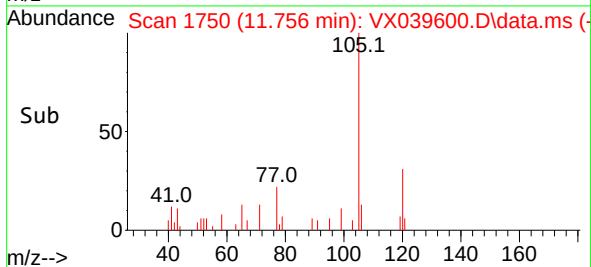
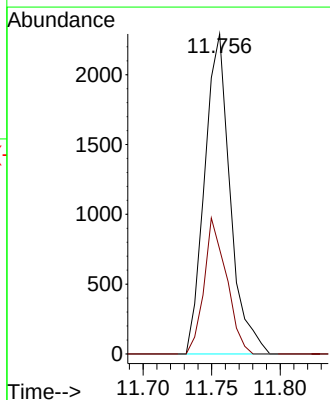
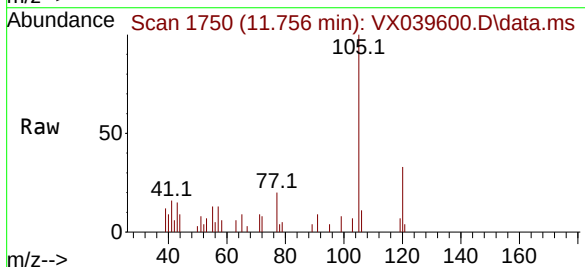
Instrument :
 MSVOA_X
 ClientSampleId :
 1212

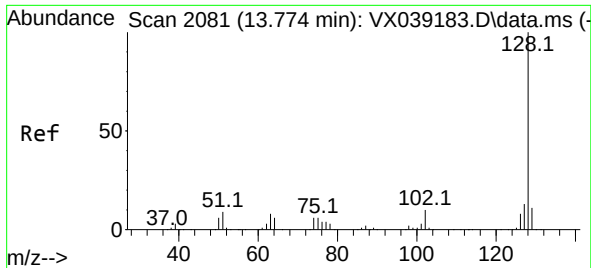
Tgt Ion:152 Resp: 83117
 Ion Ratio Lower Upper
 152 100
 115 66.0 43.3 129.9
 150 156.2 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.529 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX039600.D
 Acq: 03 Jan 2024 14:28

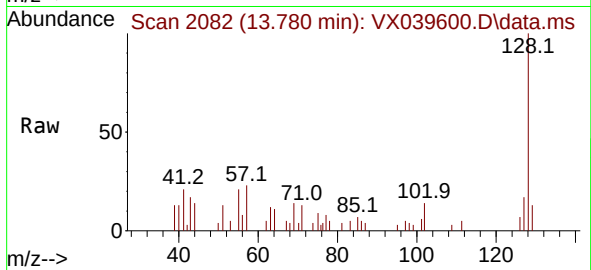
Tgt Ion:105 Resp: 2966
 Ion Ratio Lower Upper
 105 100
 120 37.3 21.2 63.6





#95
Naphthalene
Concen: 0.456 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039600.D
Acq: 03 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
1212



Tgt Ion:	128	Resp:	2773
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	9.1	8.8	13.2

