

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042978.D
 Acq On : 09 Aug 2024 07:36
 Operator : JC/MD
 Sample : P3458-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-224-239

Quant Time: Aug 09 08:36:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

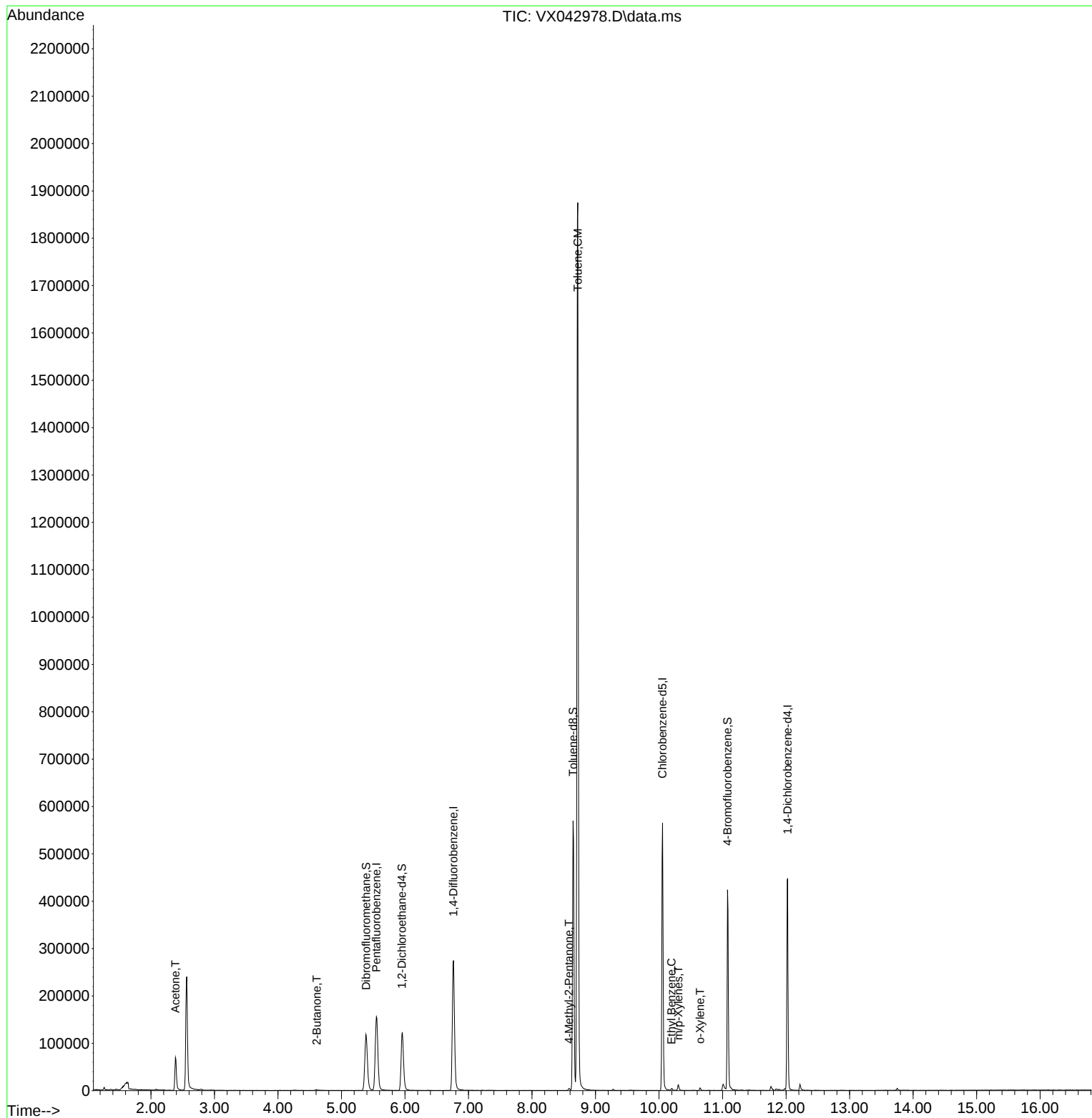
Internal Standards						
1) Pentafluorobenzene	5.550	168	150250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	283033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124780	60.495	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.000%#
35) Dibromofluoromethane	5.385	113	104330	56.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.760%
50) Toluene-d8	8.647	98	342073	52.068	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.140%
62) 4-Bromofluorobenzene	11.079	95	110842	46.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	79335	88.677	ug/l	94
25) 2-Butanone	4.611	43	3155	2.246	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	2899	0.932	ug/l	96
52) Toluene	8.720	92	726073	153.716	ug/l	95
67) Ethyl Benzene	10.195	91	2650	0.286	ug/l	93
68) m/p-Xylenes	10.305	106	2964	0.837	ug/l	88
69) o-Xylene	10.646	106	1256	0.354	ug/l	76

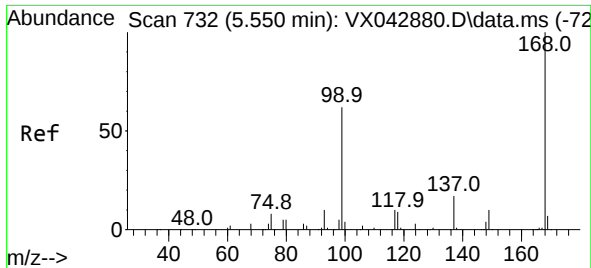
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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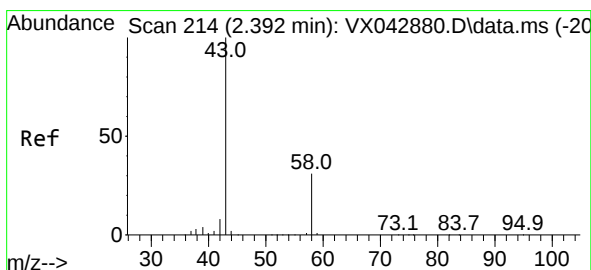
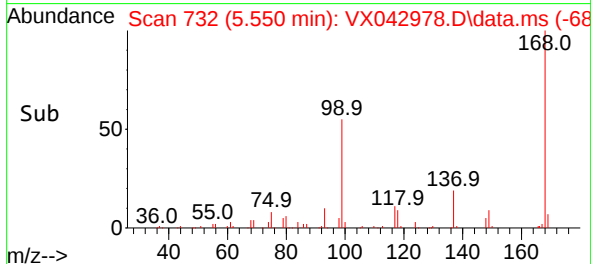
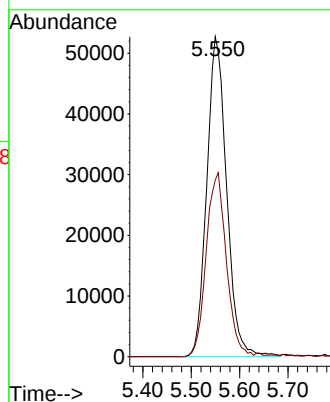
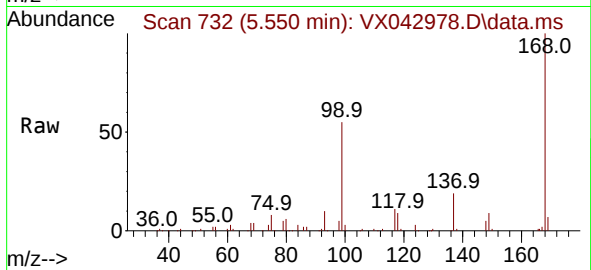




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

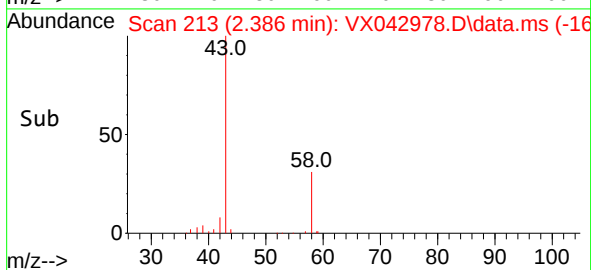
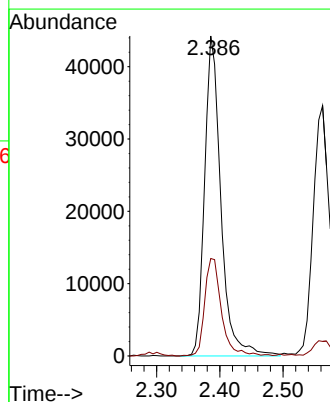
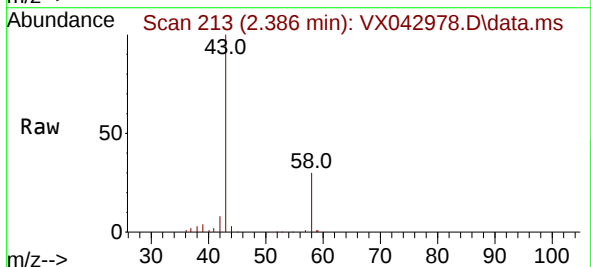
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-224-239

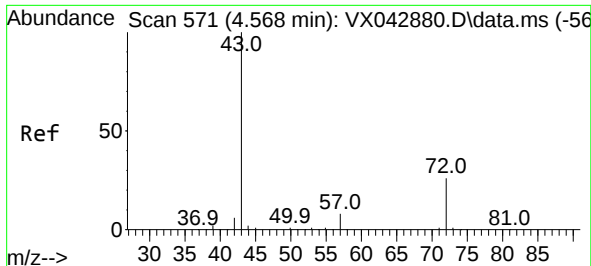
Tgt Ion:168 Resp: 150250
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0#



#16
Acetone
Concen: 88.677 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

Tgt Ion: 43 Resp: 79335
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#25

2-Butanone

Concen: 2.246 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.042 min

Lab File: VX042978.D

Acq: 09 Aug 2024 07:36

Instrument :

MSVOA_X

ClientSampleId :

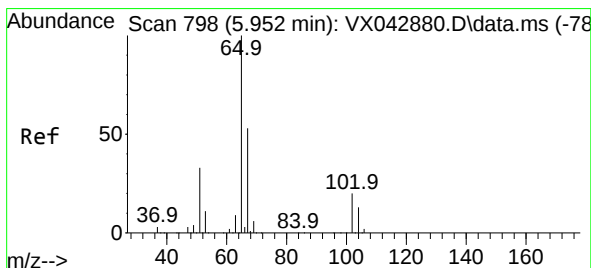
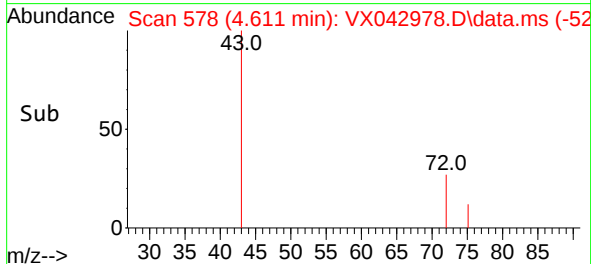
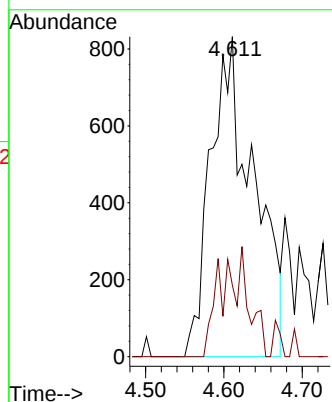
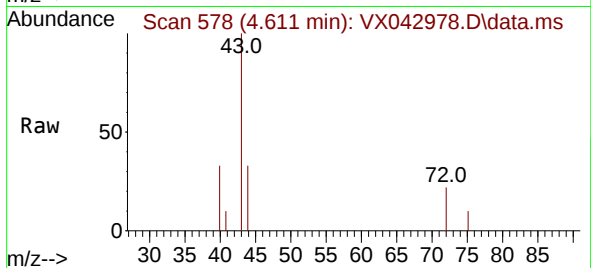
MLS-15-224-239

Tgt Ion: 43 Resp: 3155

Ion Ratio Lower Upper

43 100

72 22.4 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 60.495 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX042978.D

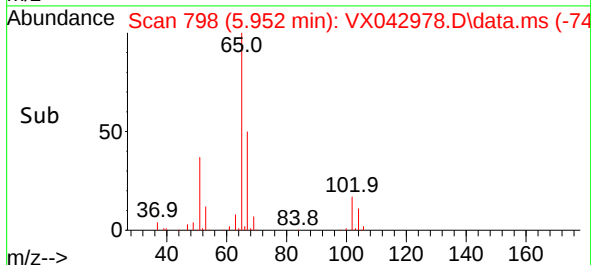
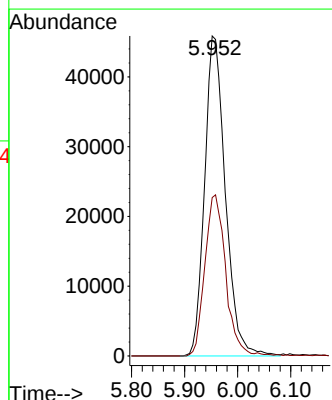
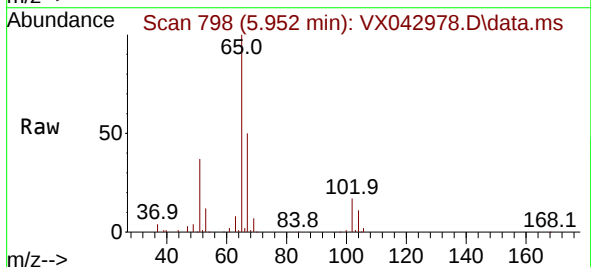
Acq: 09 Aug 2024 07:36

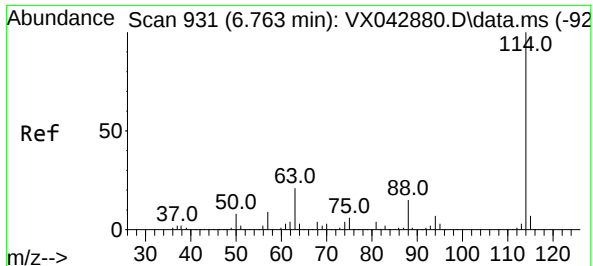
Tgt Ion: 65 Resp: 124780

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2

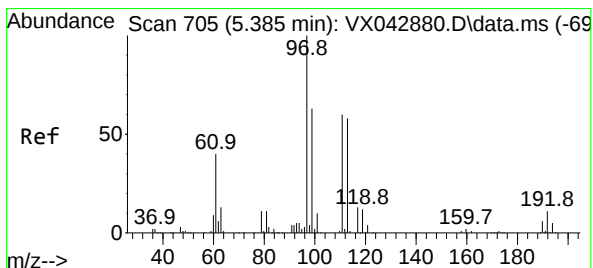
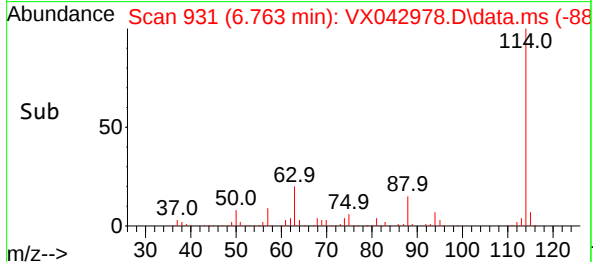
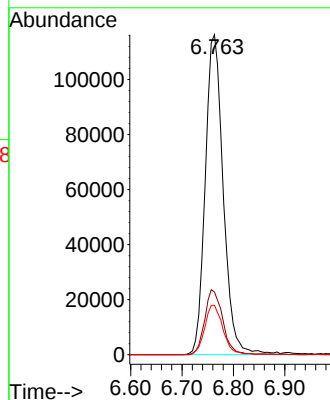
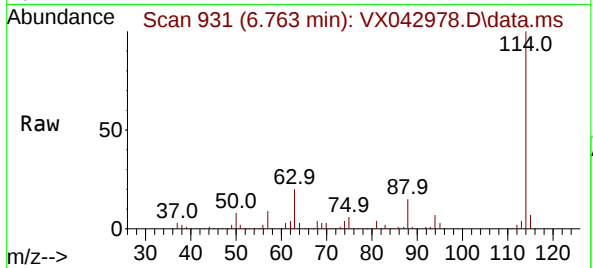




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

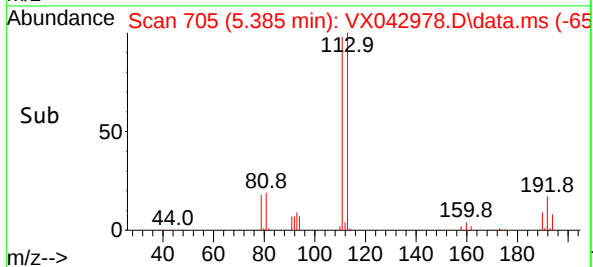
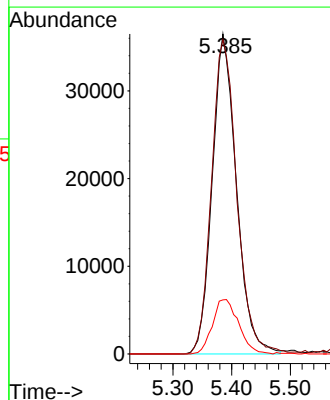
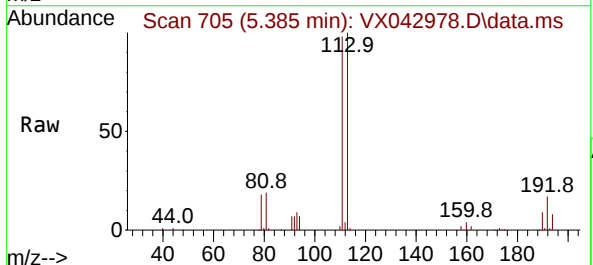
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-224-239

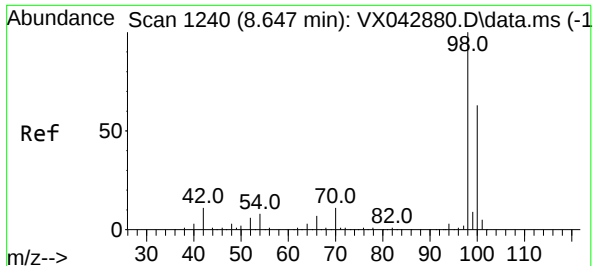
Tgt Ion:114 Resp: 283033
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 56.376 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

Tgt Ion:113 Resp: 104330
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.4 13.3 19.9

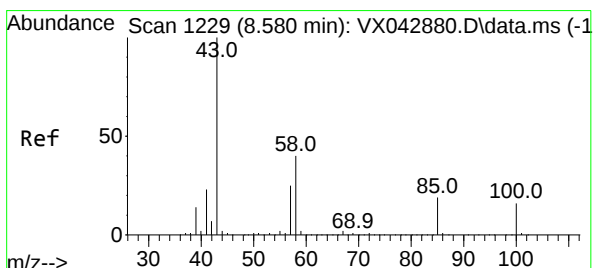
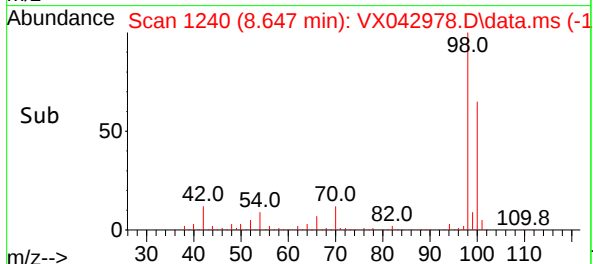
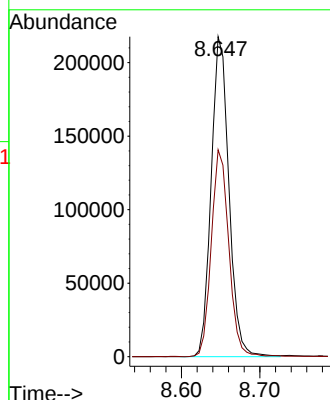
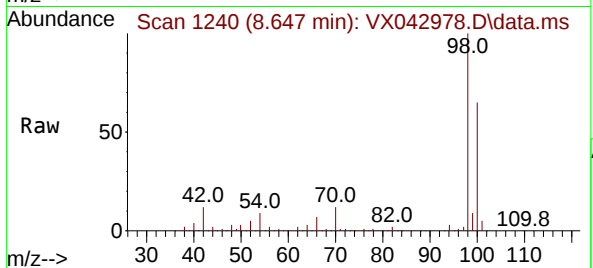




#50
Toluene-d8
Concen: 52.068 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

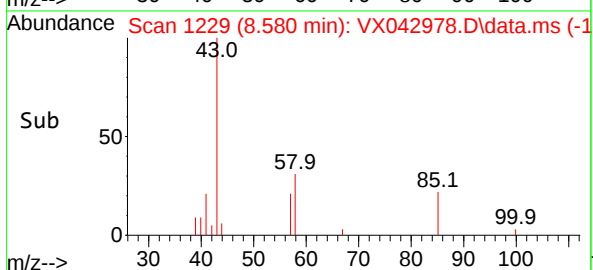
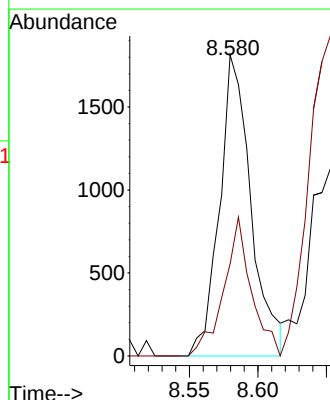
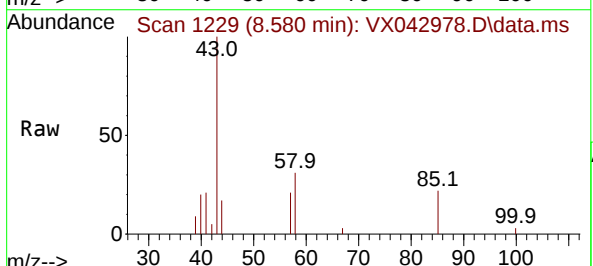
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-224-239

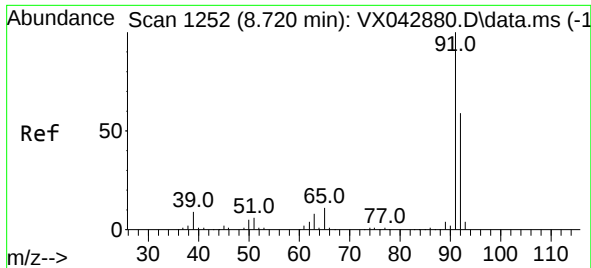
Tgt Ion: 98 Resp: 342073
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.932 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

Tgt Ion: 43 Resp: 2899
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

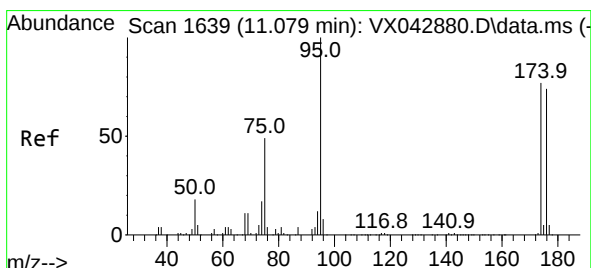
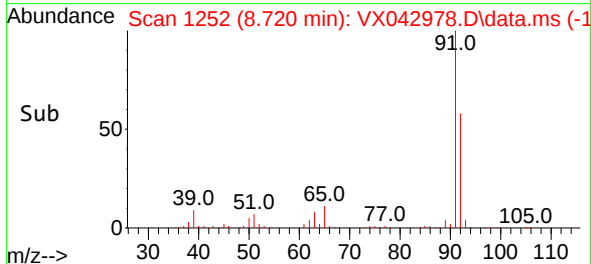
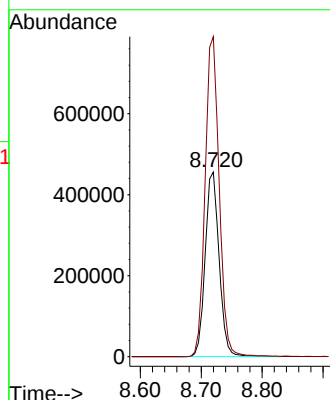
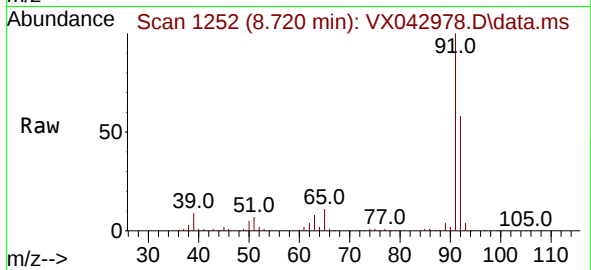




#52
Toluene
Concen: 153.716 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

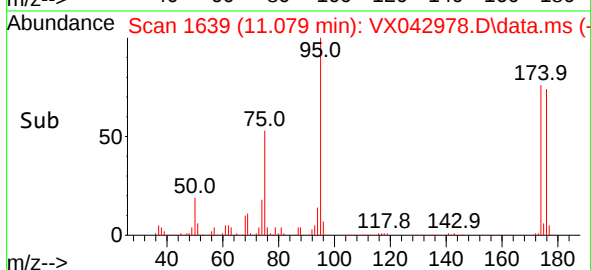
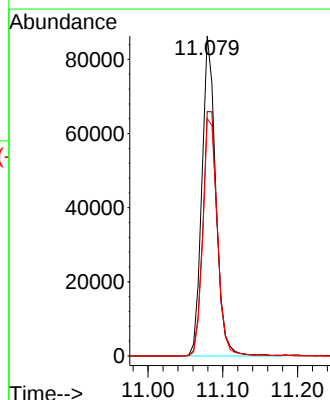
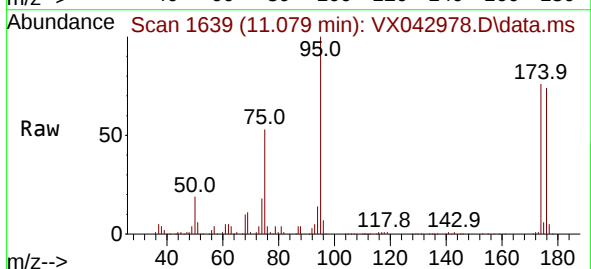
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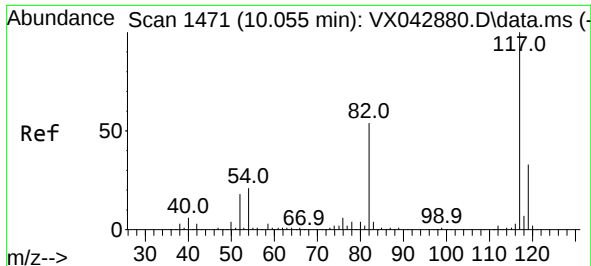
Tgt Ion: 92 Resp: 726073
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

Tgt Ion: 95 Resp: 110842
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.7 0.0 131.0

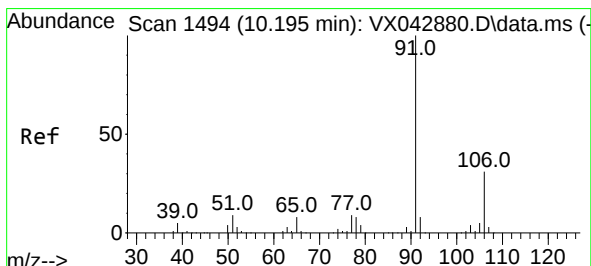
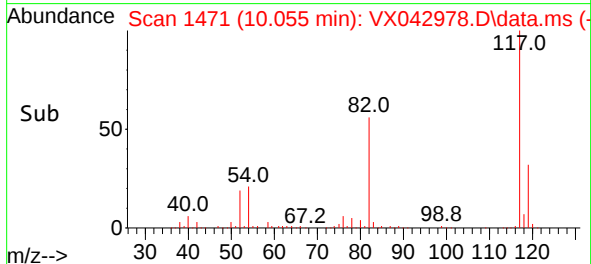
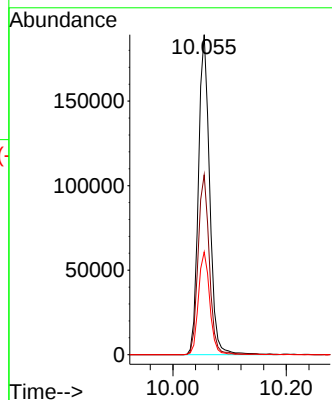
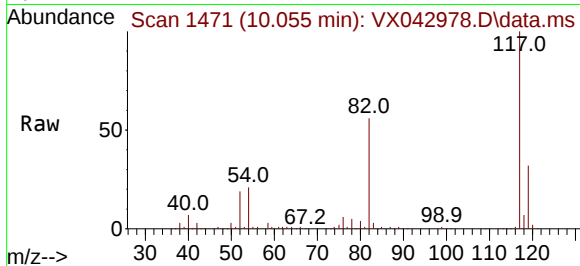




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

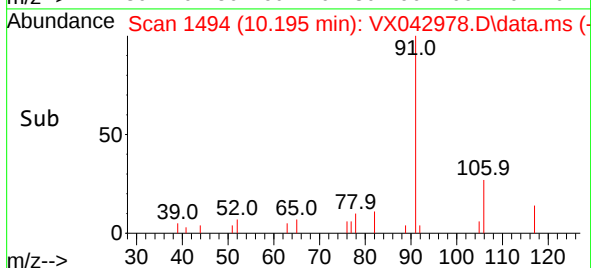
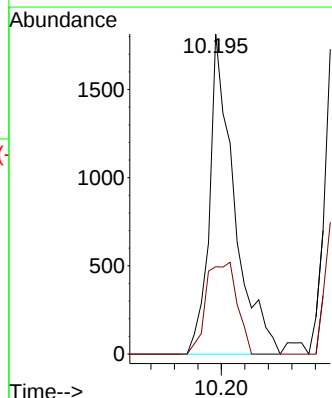
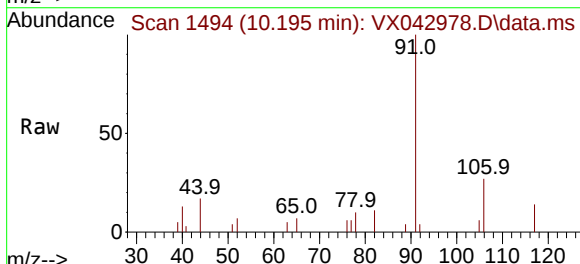
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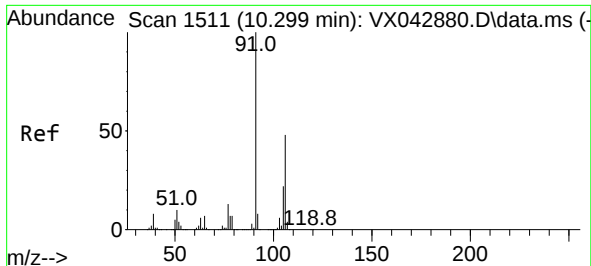
Tgt Ion:117 Resp: 260012
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 0.286 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

Tgt Ion: 91 Resp: 2650
Ion Ratio Lower Upper
91 100
106 27.3 24.9 37.3

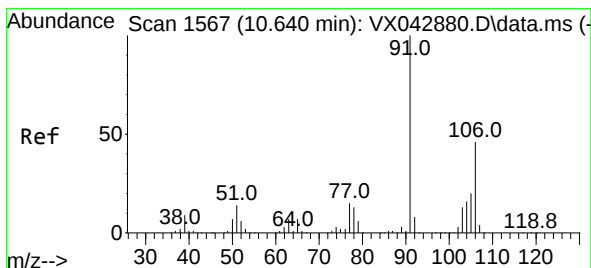
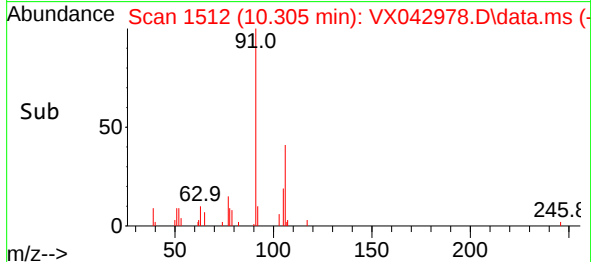
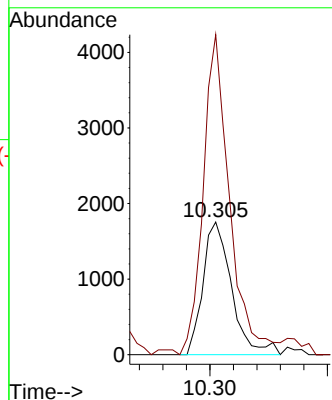
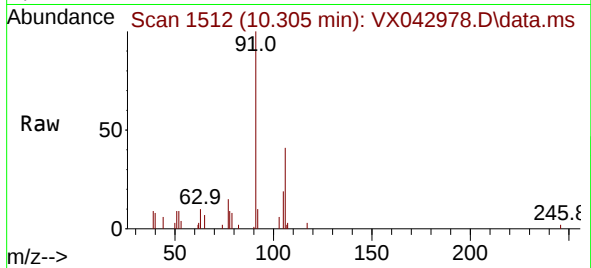




#68
m/p-Xylenes
Concen: 0.837 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

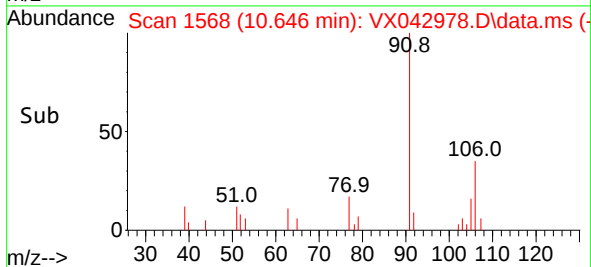
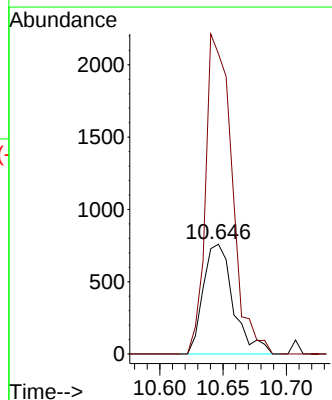
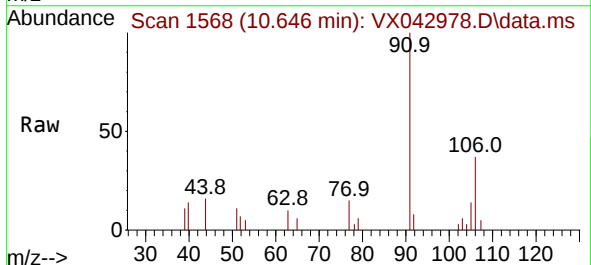
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-224-239

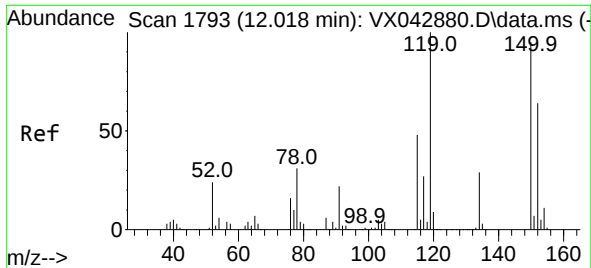
Tgt Ion:106 Resp: 2964
Ion Ratio Lower Upper
106 100
91 225.4 165.5 248.3



#69
o-Xylene
Concen: 0.354 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX042978.D
Acq: 09 Aug 2024 07:36

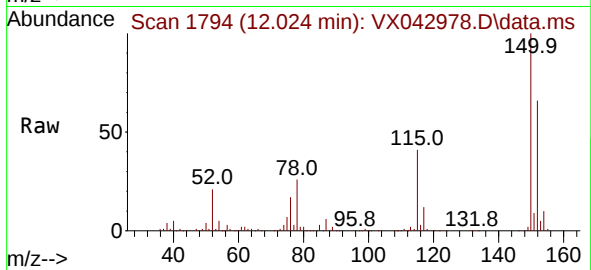
Tgt Ion:106 Resp: 1256
Ion Ratio Lower Upper
106 100
91 255.8 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042978.D
 Acq: 09 Aug 2024 07:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-224-239



Tgt Ion:152	Resp:	97476
Ion	Ratio	Lower Upper
152	100	
115	59.5	43.3 129.9
150	152.4	0.0 345.0

