

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040905.D
 Acq On : 05 Apr 2024 15:48
 Operator : JC/MD
 Sample : P1995-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-23-00113

Quant Time: Apr 05 23:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	42106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37898	50.163	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.320%	
35) Dibromofluoromethane	5.385	113	26229	48.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.220%	
50) Toluene-d8	8.653	98	99042	50.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	11.079	95	42761	54.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.840%	

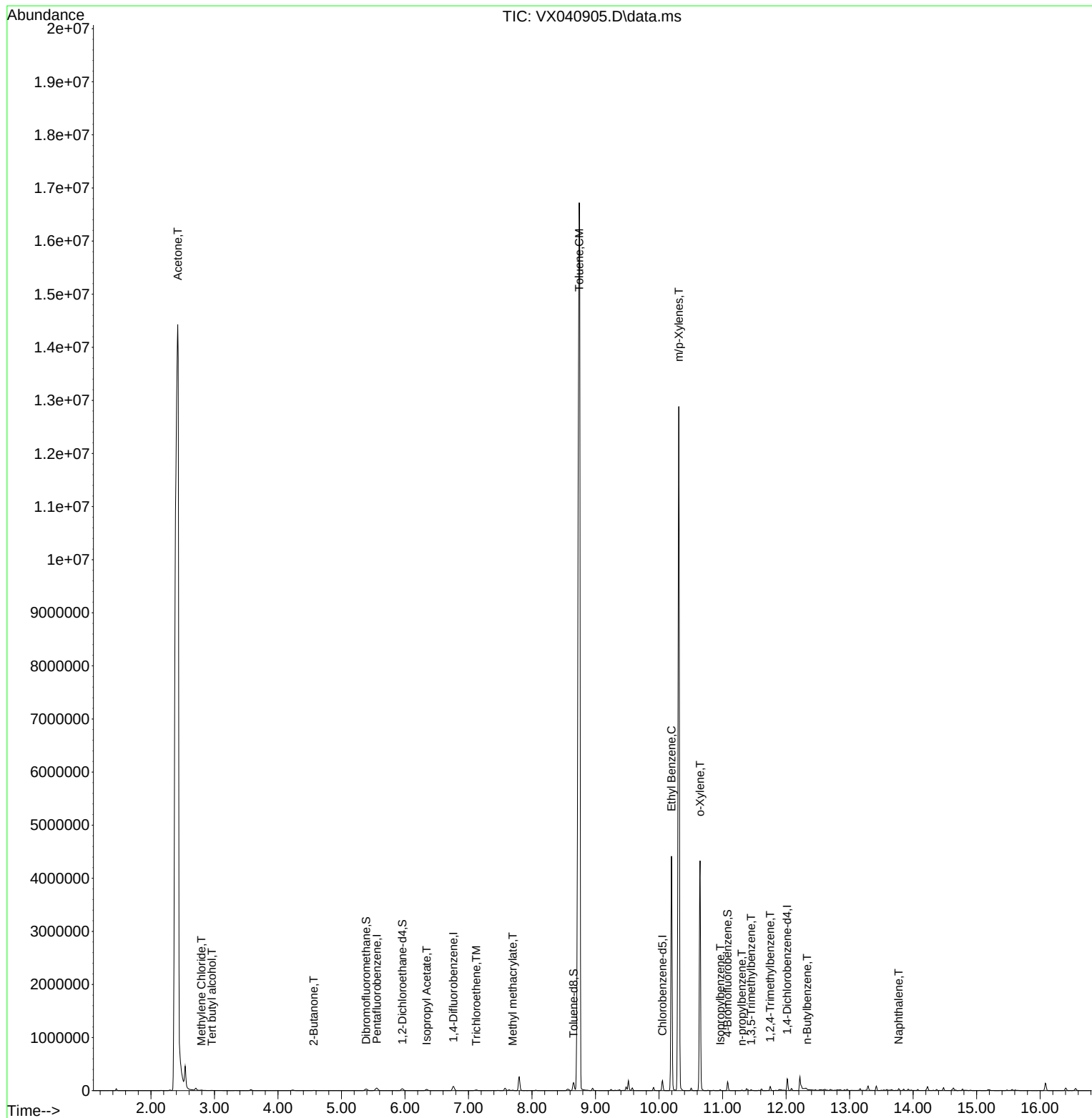
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.959	59	3429	24.860	ug/l #	94
16) Acetone	2.422	43	30928676	105431.528	ug/l #	68
20) Methylene Chloride	2.794	84	2775	5.104	ug/l #	82
25) 2-Butanone	4.562	43	8354	19.170	ug/l	96
43) Isopropyl Acetate	6.342	43	32328	22.237	ug/l	95
44) Trichloroethene	7.123	130	4003	7.533	ug/l	100
48) Methyl methacrylate	7.696	41	3233	4.541	ug/l	93
52) Toluene	8.744	92	9047408	6738.858	ug/l	90
67) Ethyl Benzene	10.195	91	2435688	796.561	ug/l	99
68) m/p-Xylenes	10.311	106	3102822	2788.918	ug/l	96
69) o-Xylene	10.646	106	873384	833.280	ug/l	95
73) Isopropylbenzene	10.964	105	7658	2.622	ug/l	98
78) n-propylbenzene	11.305	91	6678	1.829	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6925	2.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	31588	12.569	ug/l	99
89) n-Butylbenzene	12.329	91	3620	1.390	ug/l #	54
95) Naphthalene	13.774	128	18442	6.087	ug/l	99

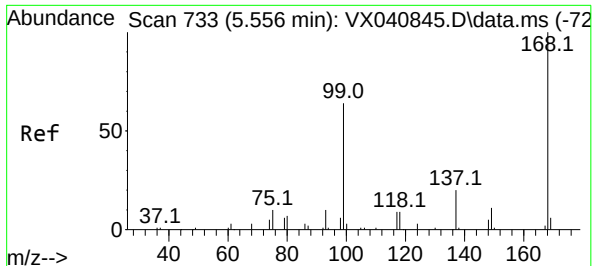
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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MOO-23-00113

Quant Time: Apr 05 23:32:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

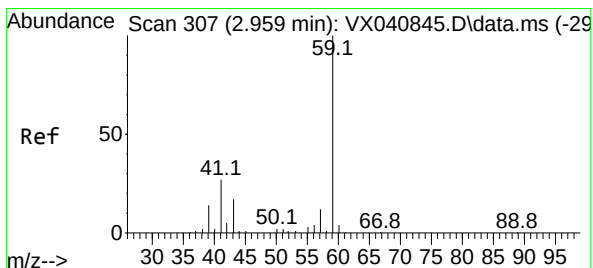
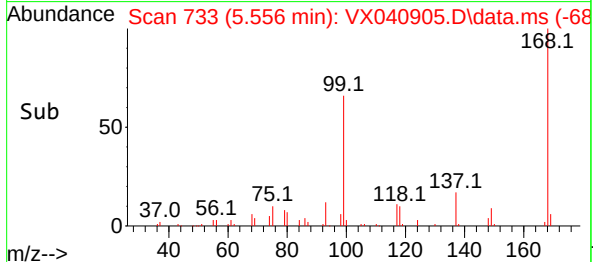
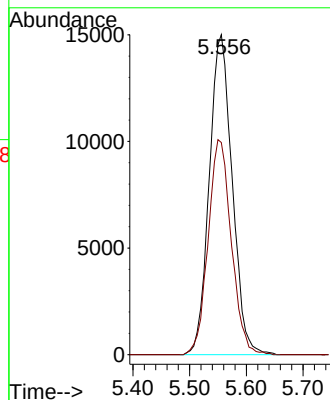
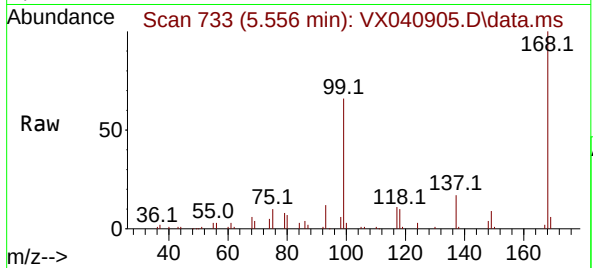




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

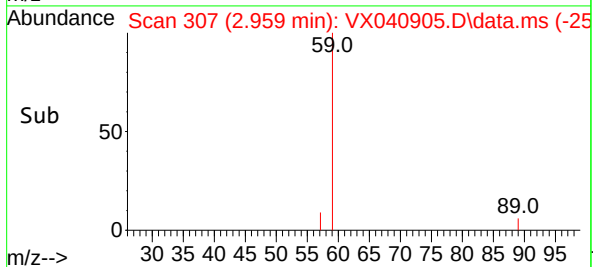
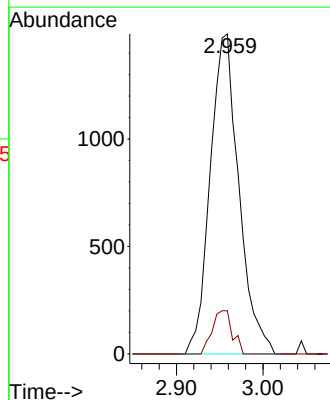
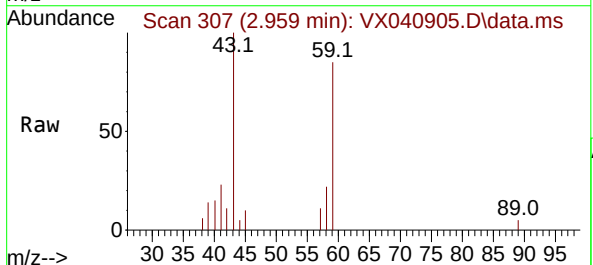
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

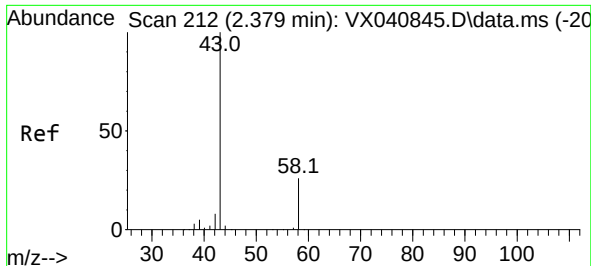
Tgt Ion:168 Resp: 42106
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 24.860 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion: 59 Resp: 3429
Ion Ratio Lower Upper
59 100
57 9.4 6.0 9.0#

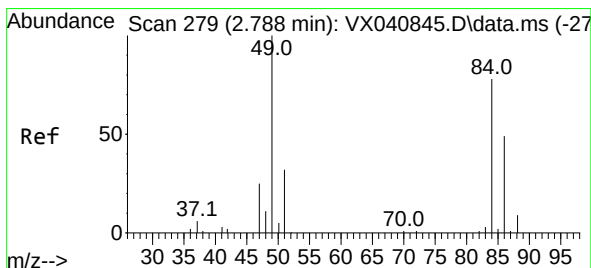
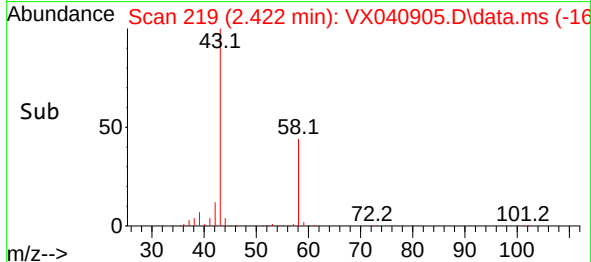
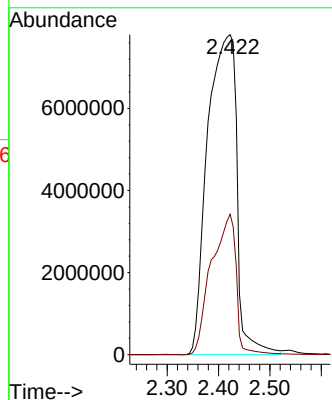
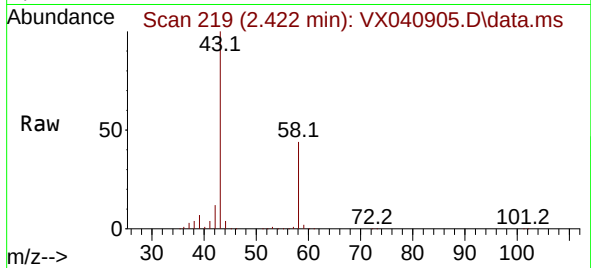




#16
Acetone
Concen: 105431.528 ug/l
RT: 2.422 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

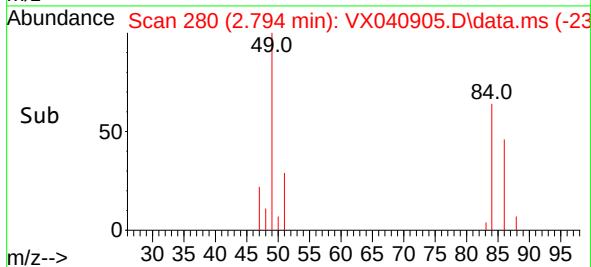
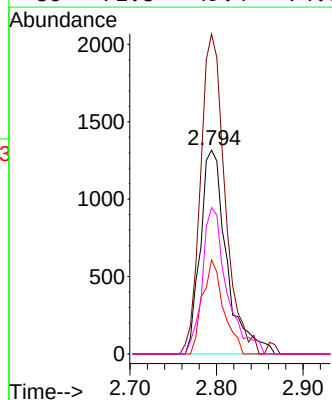
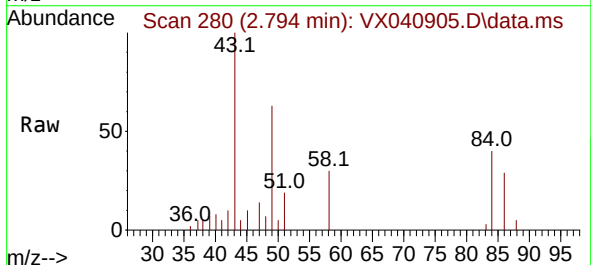
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

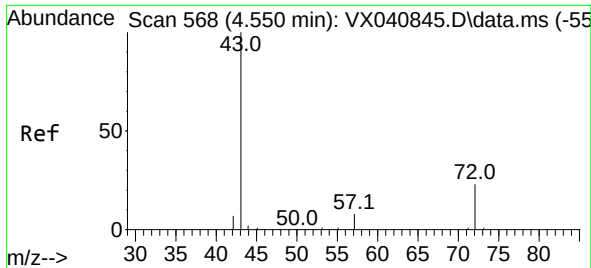
Tgt Ion: 43 Resp:30928676
Ion Ratio Lower Upper
43 100
58 43.9 21.9 32.9#



#20
Methylene Chloride
Concen: 5.104 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion: 84 Resp: 2775
Ion Ratio Lower Upper
84 100
49 156.9 103.6 155.4#
51 46.2 33.8 50.6
86 71.8 49.4 74.0

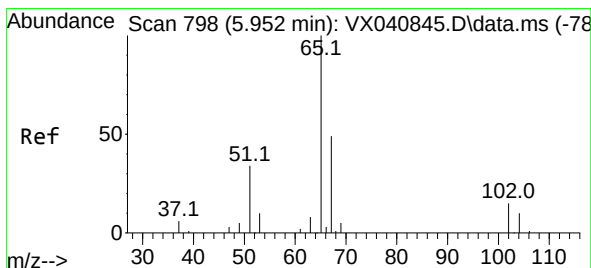
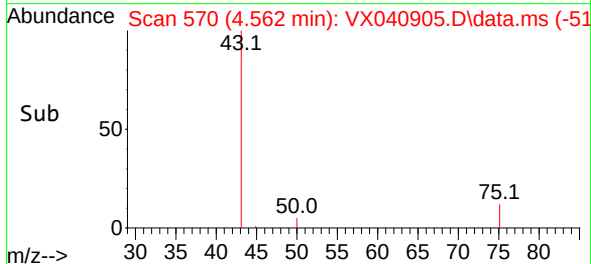
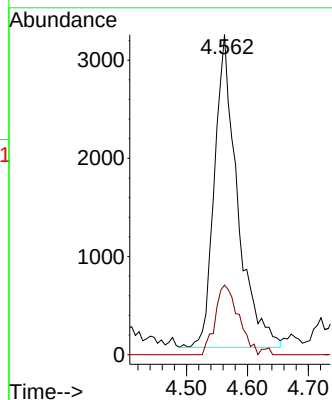
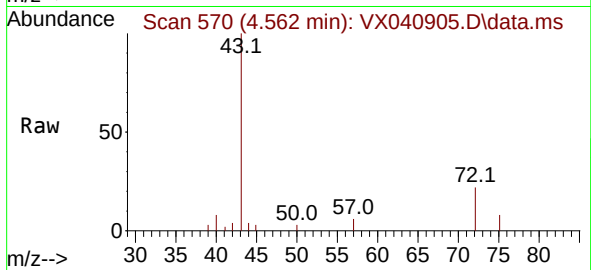




#25
2-Butanone
Concen: 19.170 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

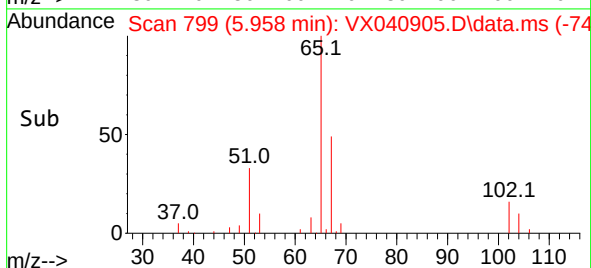
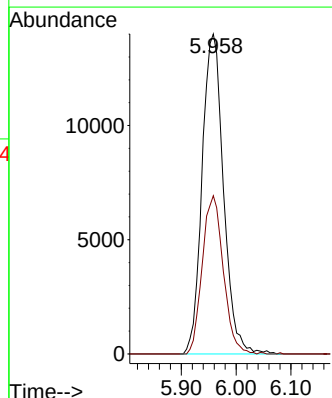
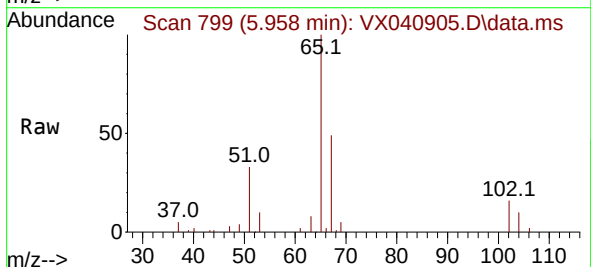
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

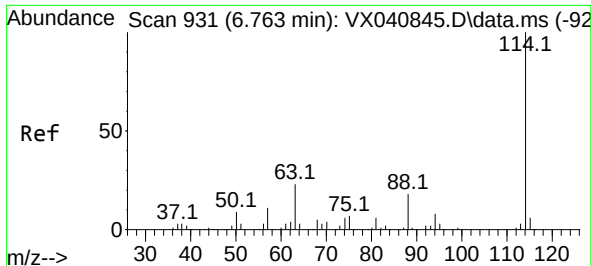
Tgt Ion: 43 Resp: 8354
Ion Ratio Lower Upper
43 100
72 22.3 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 50.163 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion: 65 Resp: 37898
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.2

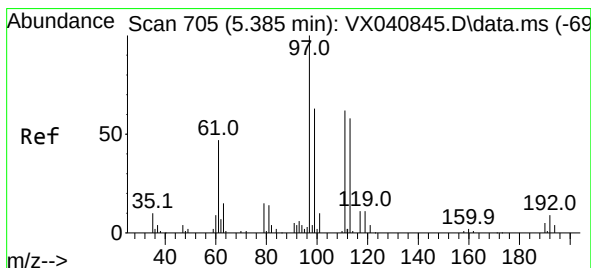
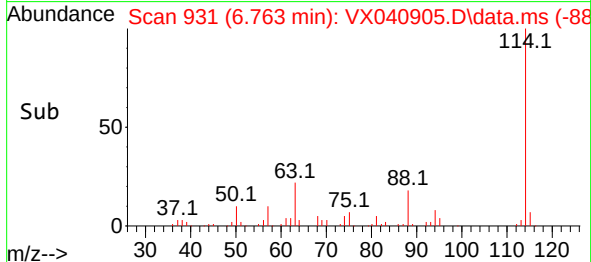
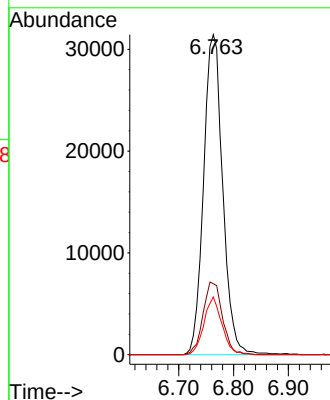
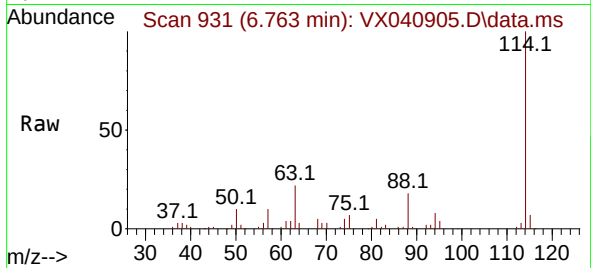




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

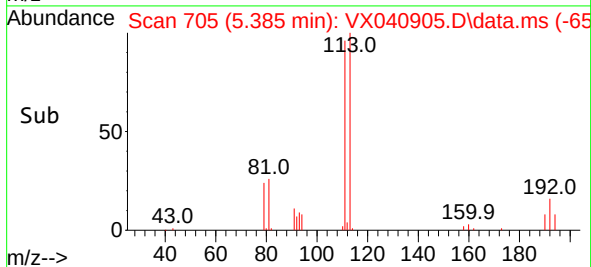
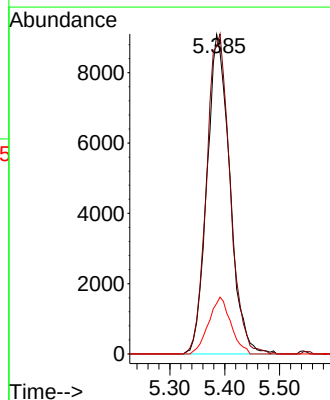
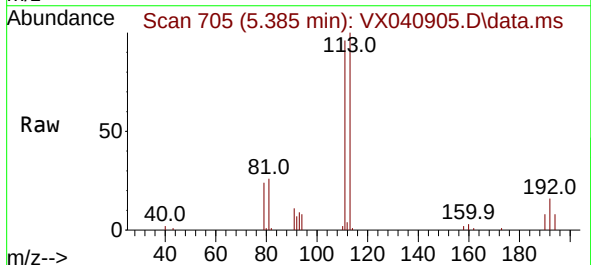
Instrument :
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ClientSampleId :
MOO-23-00113

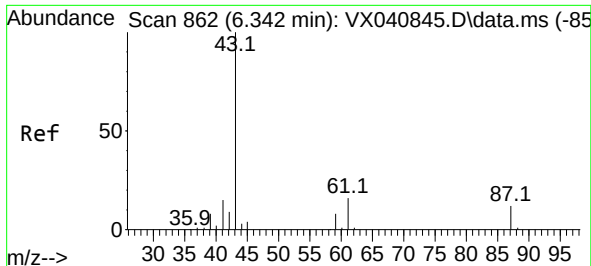
Tgt Ion:114	Resp:	76173
Ion Ratio	Lower	Upper
114	100	
63	22.2	0.0 45.0
88	18.1	0.0 36.6



#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion:113	Resp:	26229
Ion Ratio	Lower	Upper
113	100	
111	102.6	82.9 124.3
192	17.3	13.3 19.9

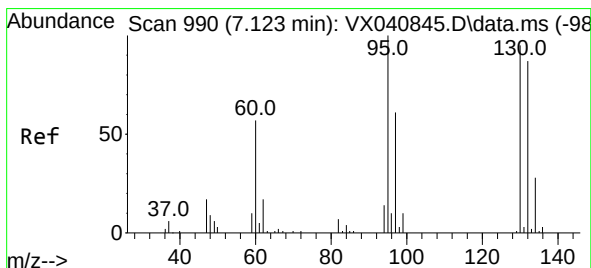
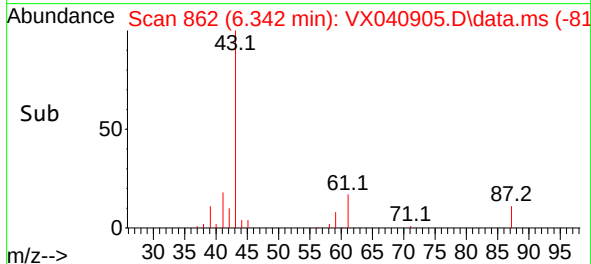
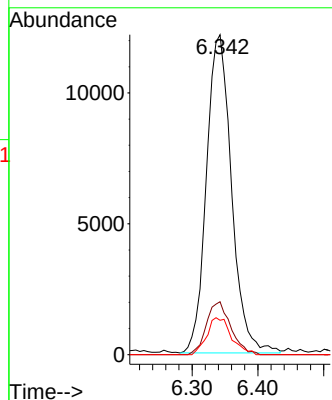
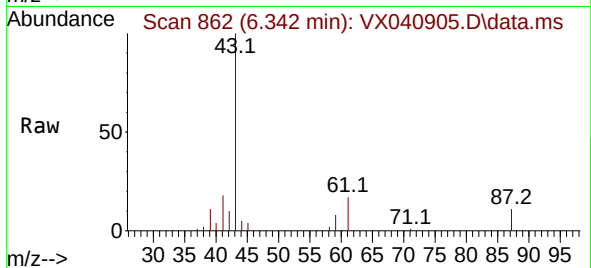




#43
Isopropyl Acetate
Concen: 22.237 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

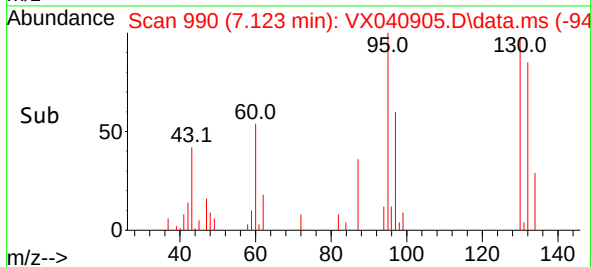
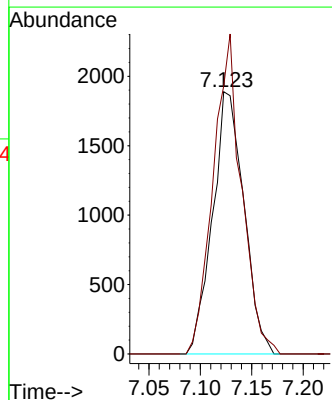
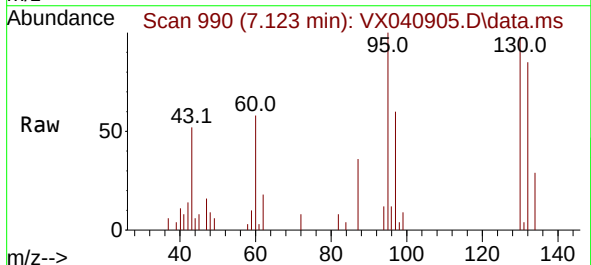
Instrument :
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ClientSampleId :
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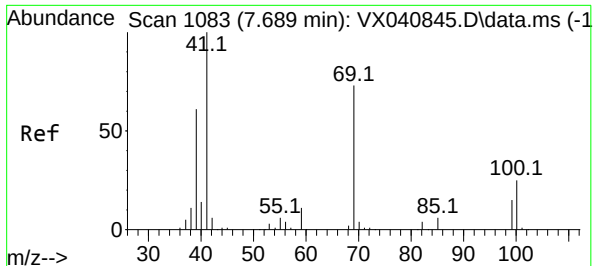
Tgt Ion: 43 Resp: 32328
Ion Ratio Lower Upper
43 100
61 16.1 15.2 22.8
87 11.3 9.8 14.6



#44
Trichloroethene
Concen: 7.533 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion:130 Resp: 4003
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.4

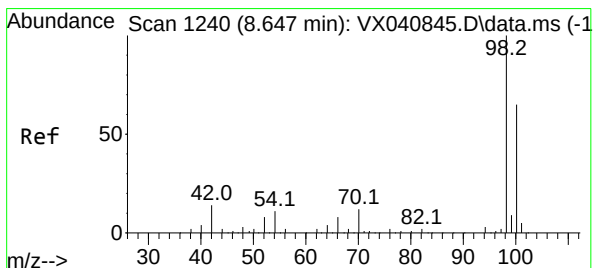
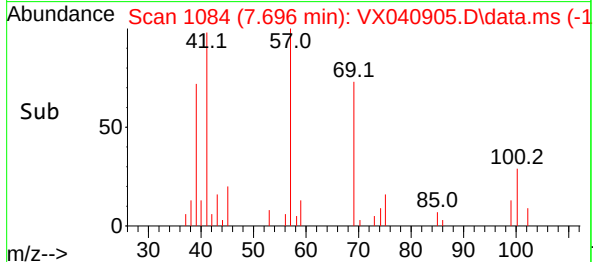
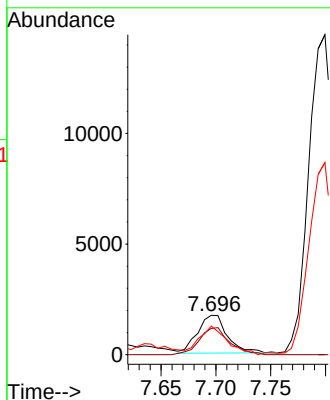
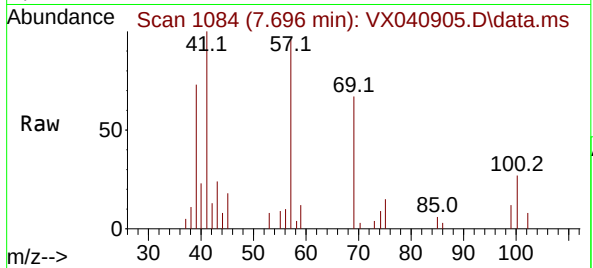




#48
Methyl methacrylate
Concen: 4.541 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

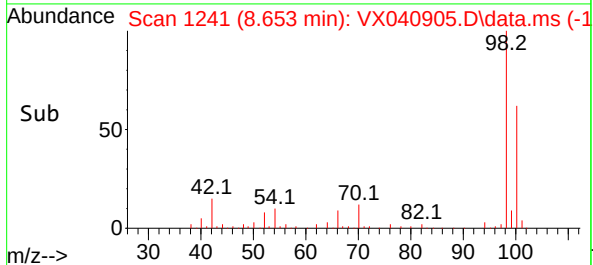
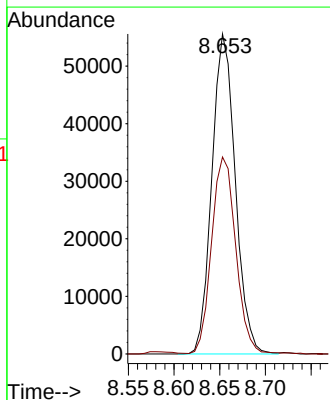
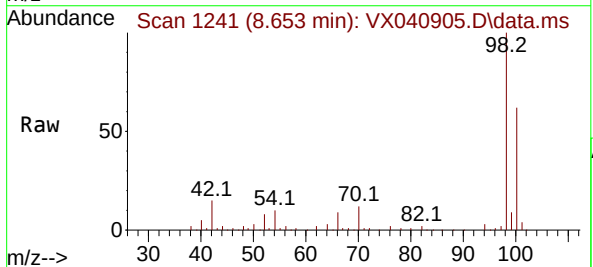
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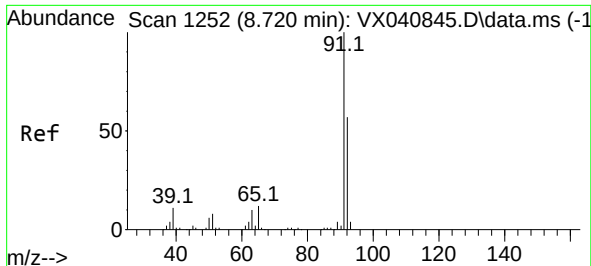
Tgt Ion: 41 Resp: 3233
Ion Ratio Lower Upper
41 100
69 72.0 59.2 88.8
39 69.5 47.7 71.5



#50
Toluene-d8
Concen: 50.801 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion: 98 Resp: 99042
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

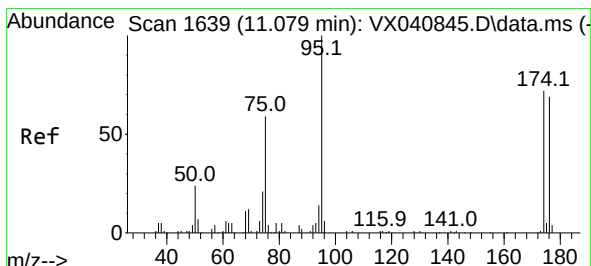
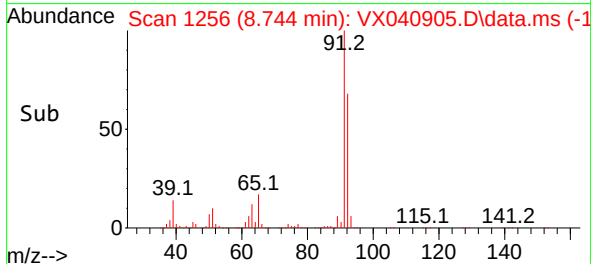
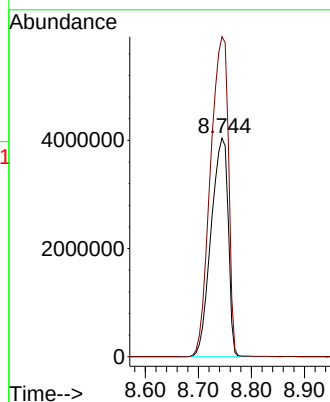
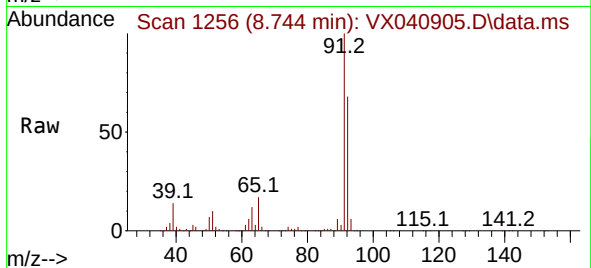




#52
Toluene
Concen: 6738.858 ug/l
RT: 8.744 min Scan# 1256
Delta R.T. 0.025 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

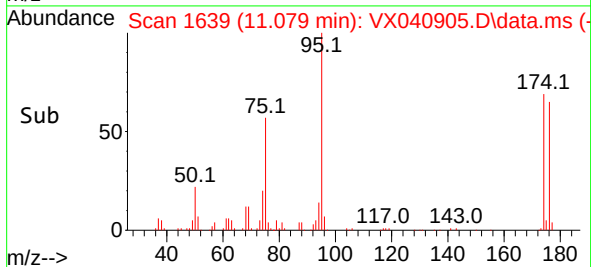
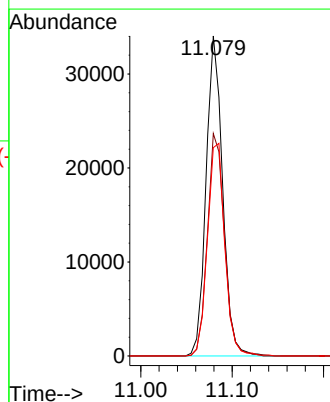
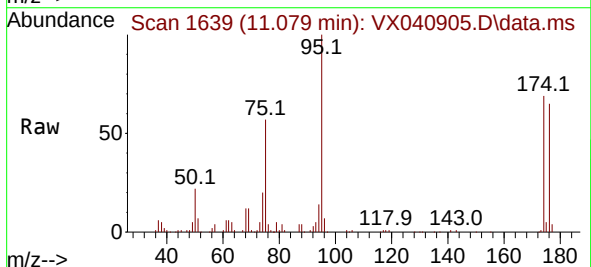
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

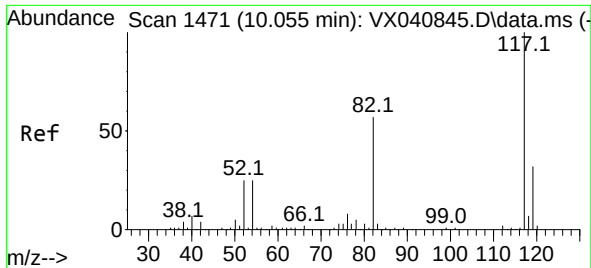
Tgt Ion: 92 Resp: 9047408
Ion Ratio Lower Upper
92 100
91 154.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 54.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion: 95 Resp: 42761
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 70.0 0.0 131.0

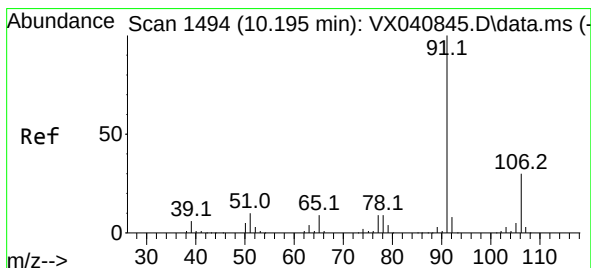
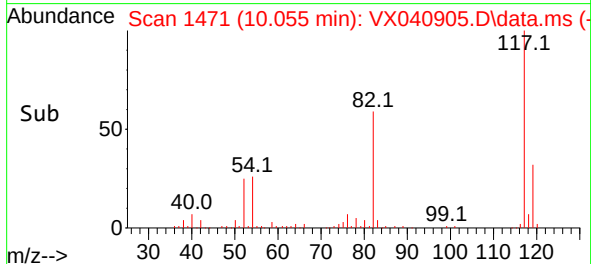
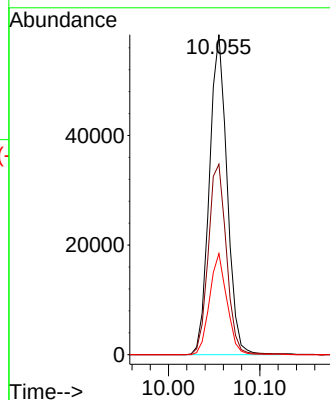
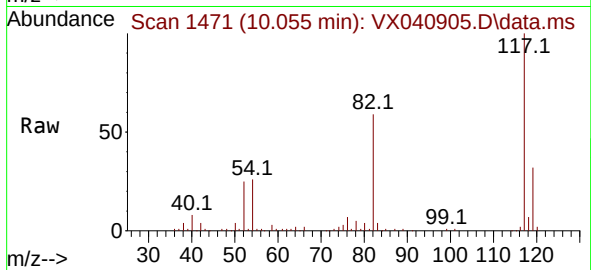




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

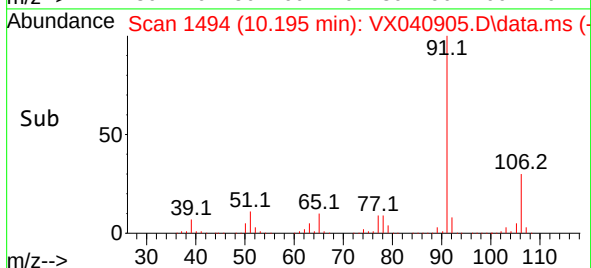
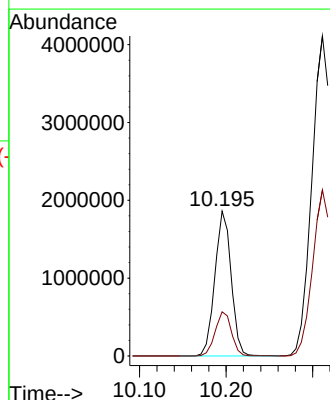
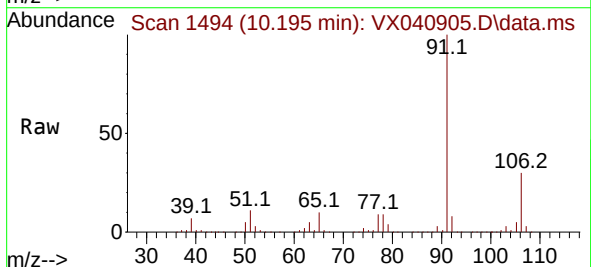
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

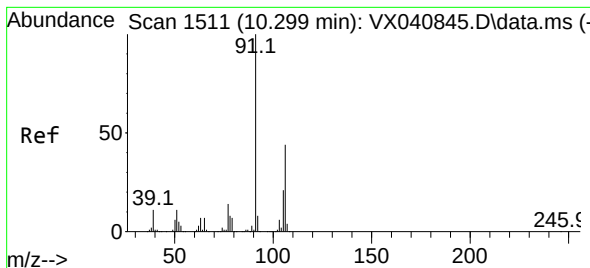
Tgt Ion:117 Resp: 78400
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 31.6 25.5 38.3



#67
Ethyl Benzene
Concen: 796.561 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion: 91 Resp: 2435688
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





#68

m/p-Xylenes

Concen: 2788.918 ug/l

RT: 10.311 min Scan# 1512

Delta R.T. 0.012 min

Lab File: VX040905.D

Acq: 05 Apr 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

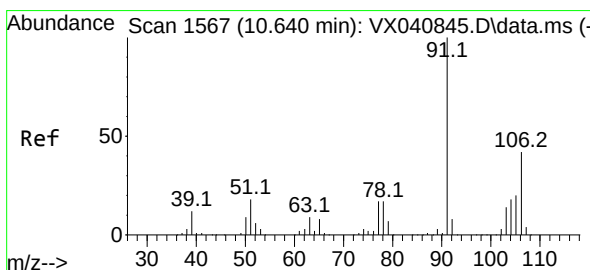
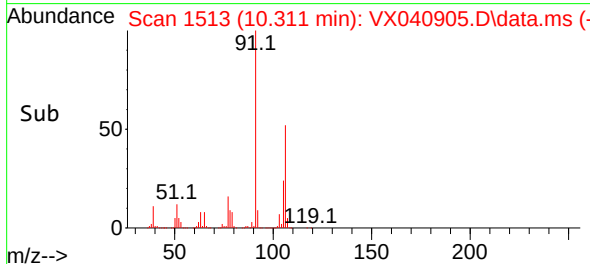
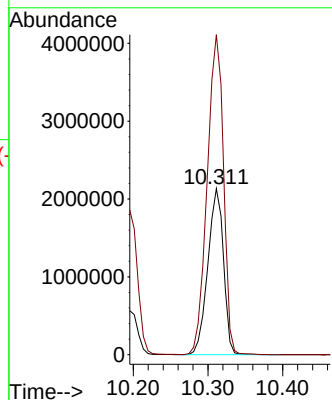
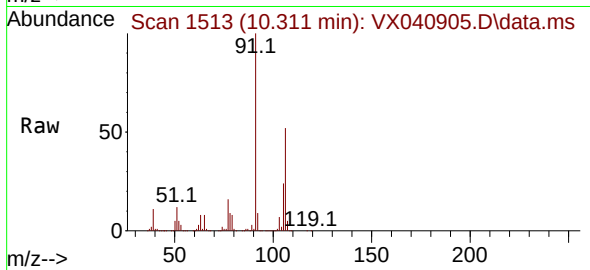
MOO-23-00113

Tgt Ion:106 Resp: 3102822

Ion Ratio Lower Upper

106 100

91 201.2 165.5 248.3



#69

o-Xylene

Concen: 833.280 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX040905.D

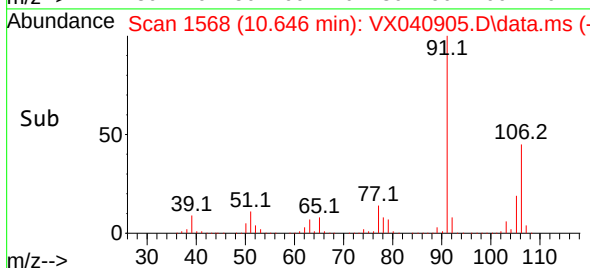
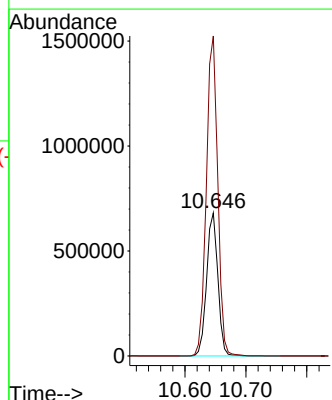
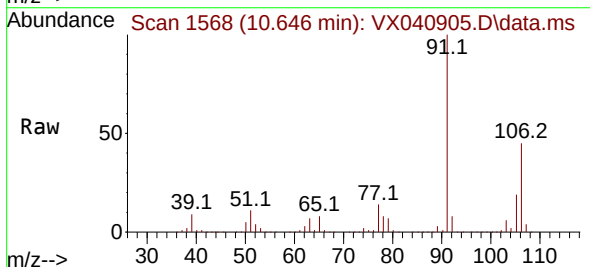
Acq: 05 Apr 2024 15:48

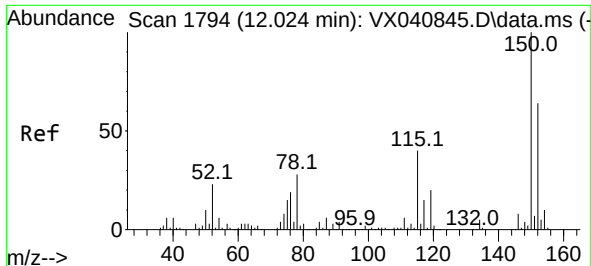
Tgt Ion:106 Resp: 873384

Ion Ratio Lower Upper

106 100

91 226.6 108.9 326.8

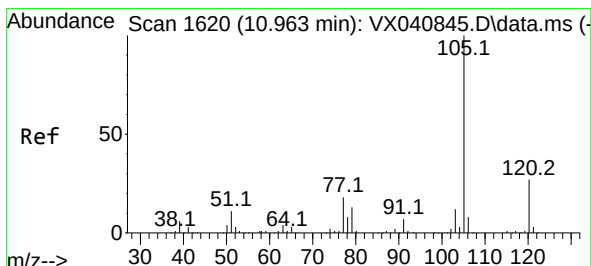
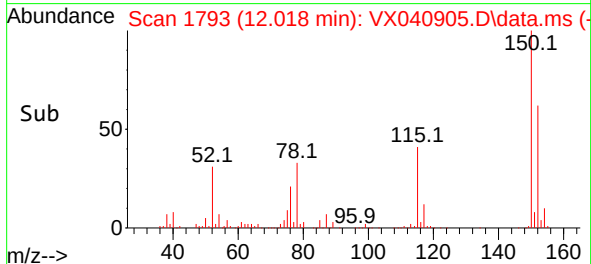
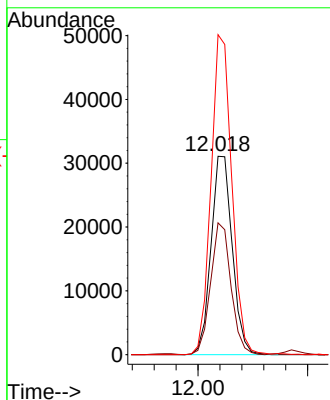
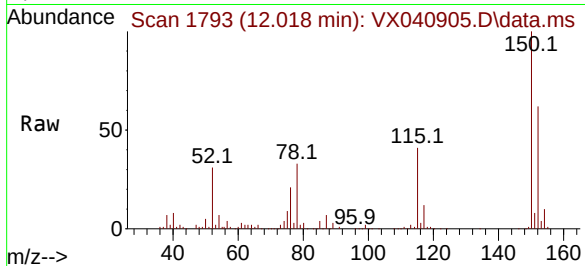




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

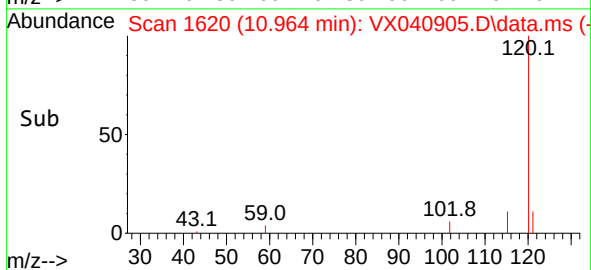
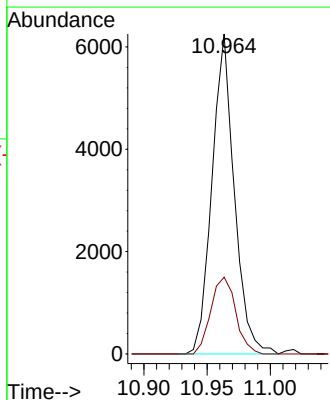
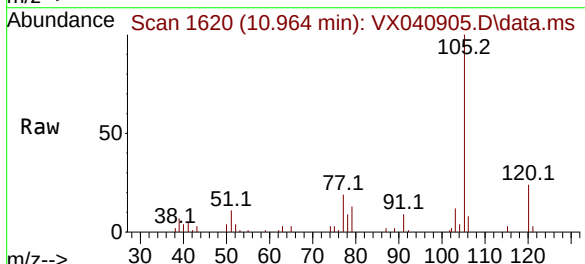
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

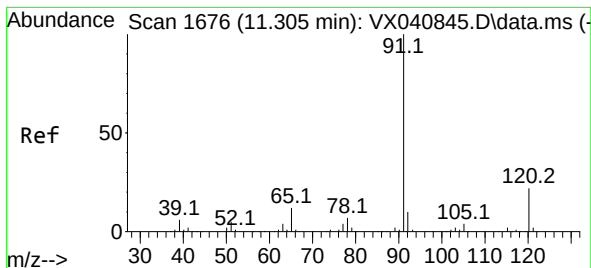
Tgt Ion:152 Resp: 41823
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 157.9 0.0 345.0



#73
Isopropylbenzene
Concen: 2.622 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Tgt Ion:105 Resp: 7658
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6





#78

n-propylbenzene

Concen: 1.829 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040905.D

Acq: 05 Apr 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

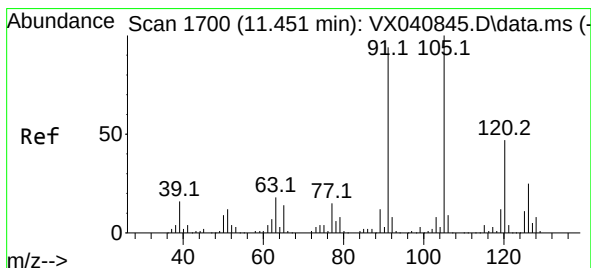
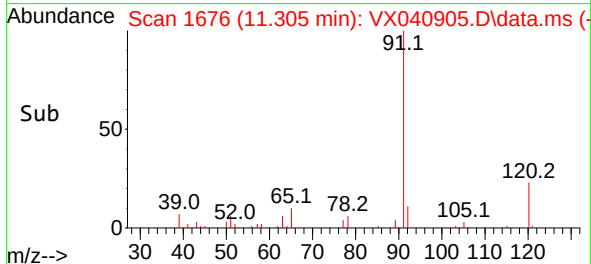
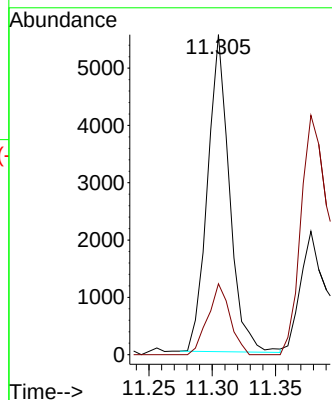
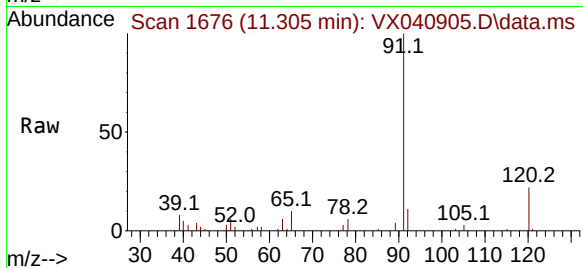
MOO-23-00113

Tgt Ion: 91 Resp: 6678

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 2.776 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040905.D

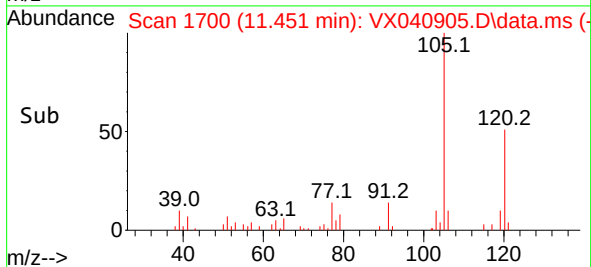
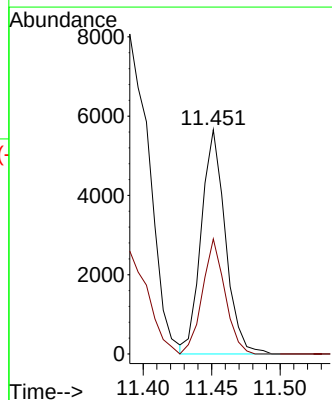
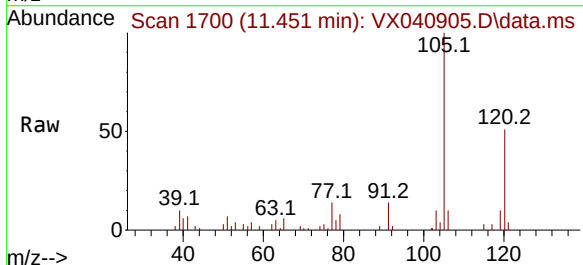
Acq: 05 Apr 2024 15:48

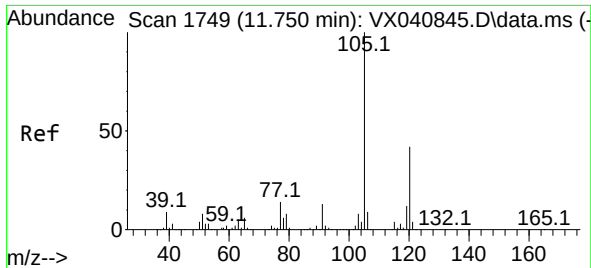
Tgt Ion: 105 Resp: 6925

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

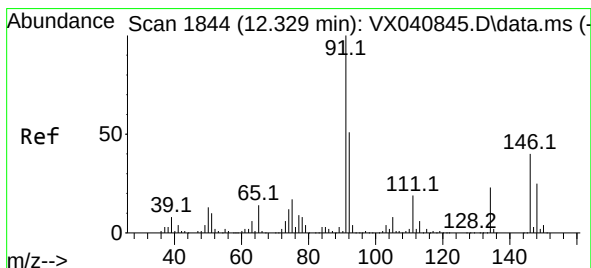
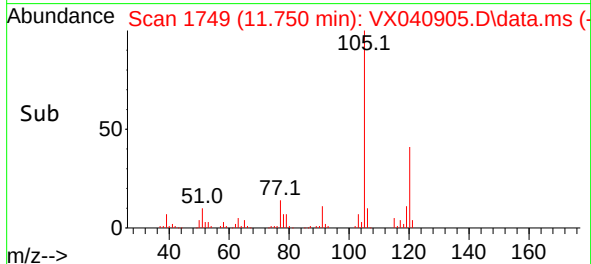
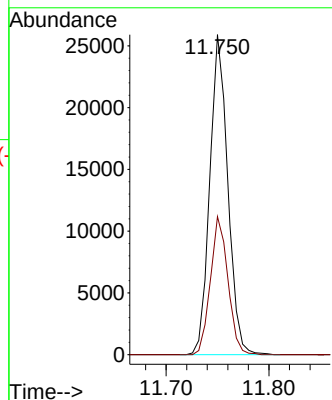
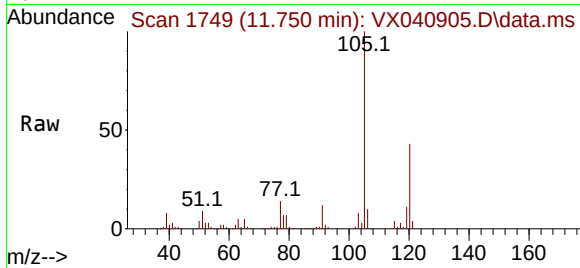




#84
1,2,4-Trimethylbenzene
Concen: 12.569 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

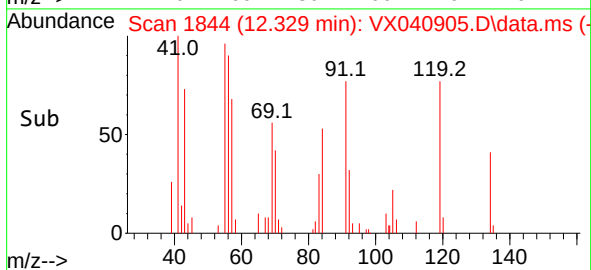
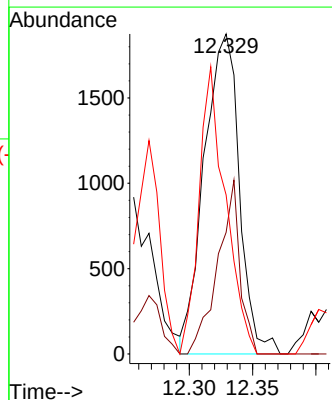
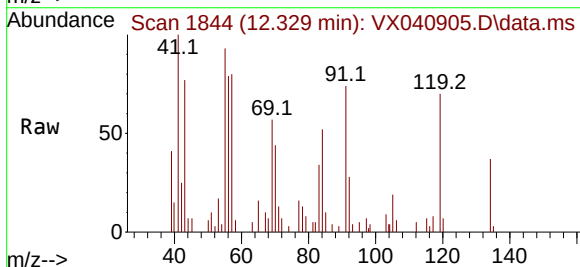
Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113

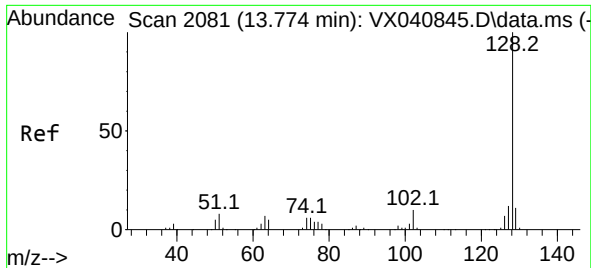
Tgt Ion:105 Resp: 31588
Ion Ratio Lower Upper
105 100
120 41.9 21.2 63.6



#89
n-Butylbenzene
Concen: 1.390 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

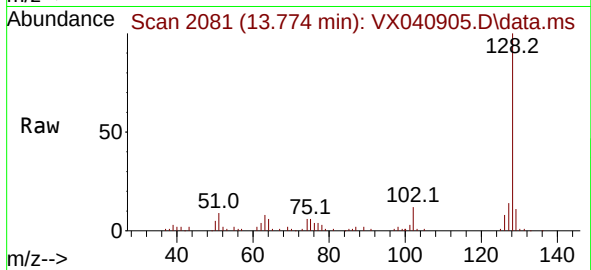
Tgt Ion: 91 Resp: 3620
Ion Ratio Lower Upper
91 100
92 34.2 27.4 82.0
134 67.8 12.6 37.8#





#95
Naphthalene
Concen: 6.087 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040905.D
Acq: 05 Apr 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :
MOO-23-00113



Tgt Ion:128 Resp: 18442
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2

