

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040930.D
 Acq On : 08 Apr 2024 15:22
 Operator : JC/MD
 Sample : P2026-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50306

Quant Time: Apr 09 02:49:25 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)

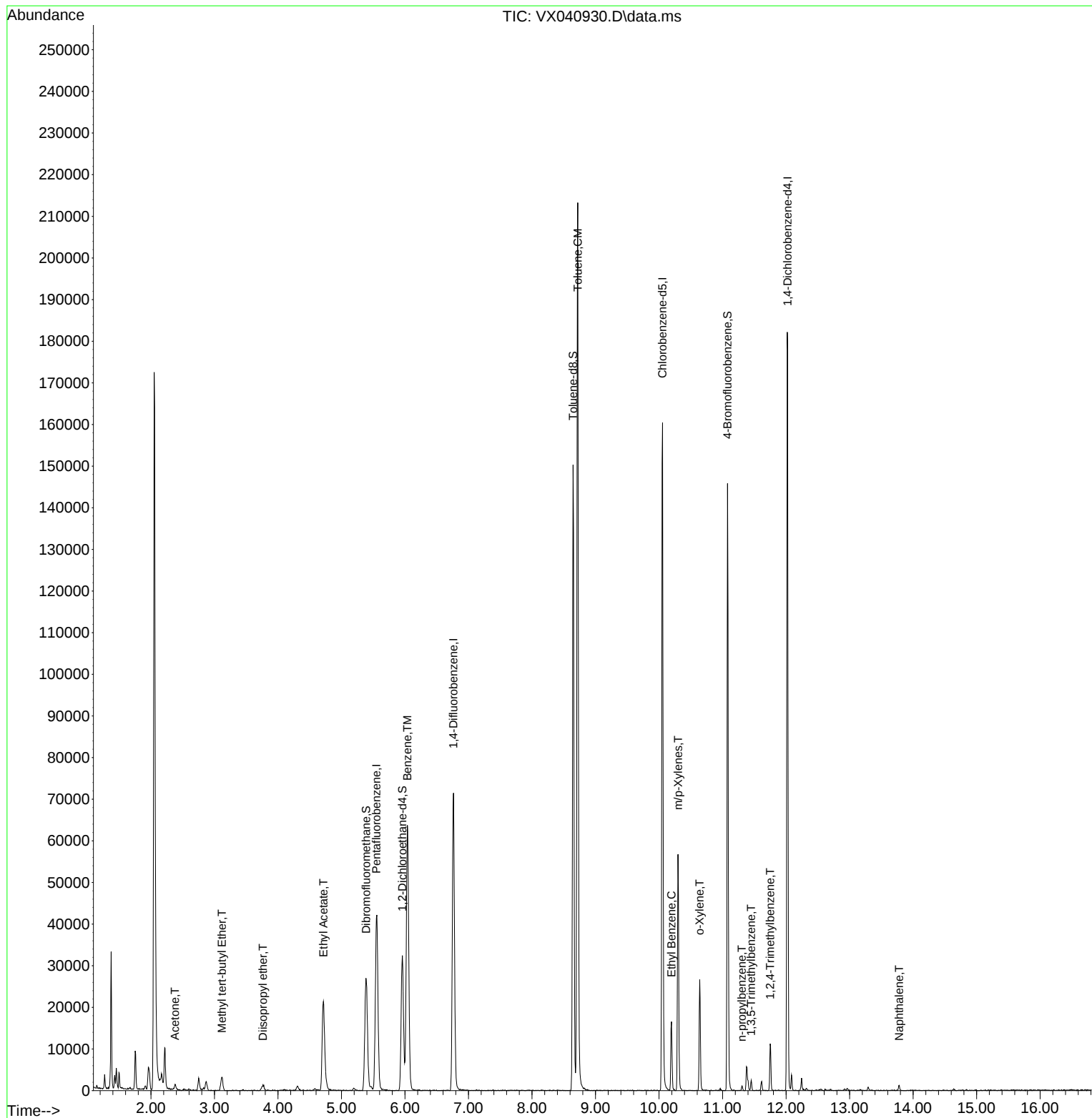
Internal Standards						
1) Pentafluorobenzene	5.550	168	36986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	68678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33571	50.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.385	113	23588	48.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.647	98	86199	49.039	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	35509	50.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.180%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1746	6.776	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3333	2.288	ug/l	94
22) Diisopropyl ether	3.763	45	1382	0.958	ug/l #	60
37) Ethyl Acetate	4.714	43	39715	46.793	ug/l	98
40) Benzene	6.037	78	74114	38.634	ug/l	96
52) Toluene	8.720	92	76665	63.335	ug/l	95
67) Ethyl Benzene	10.195	91	9818	3.692	ug/l	100
68) m/p-Xylenes	10.299	106	12065	12.468	ug/l	92
69) o-Xylene	10.640	106	5539	6.076	ug/l	94
78) n-propylbenzene	11.305	91	984	0.314	ug/l	88
80) 1,3,5-Trimethylbenzene	11.451	105	1346	0.629	ug/l	86
84) 1,2,4-Trimethylbenzene	11.750	105	5140	2.385	ug/l	99
95) Naphthalene	13.780	128	1245	0.479	ug/l	95

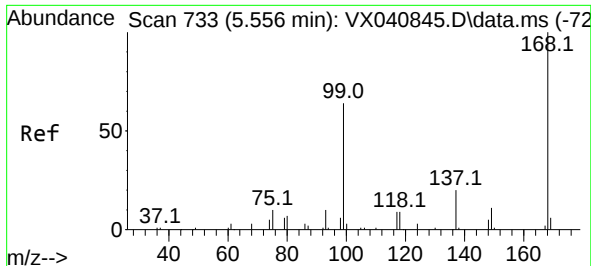
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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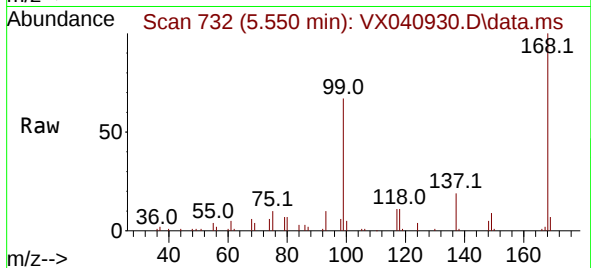
Quant Time: Apr 09 02:49:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration



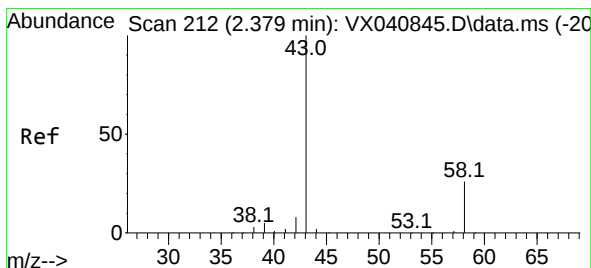
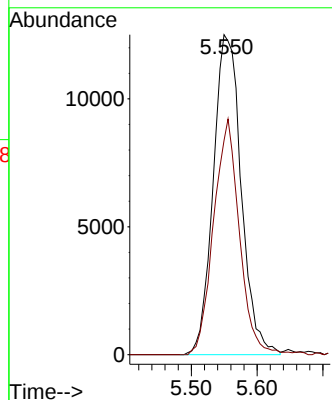
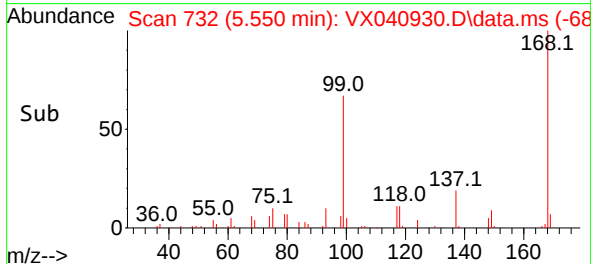


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Instrument :
MSVOA_X
ClientSampleId :
50306

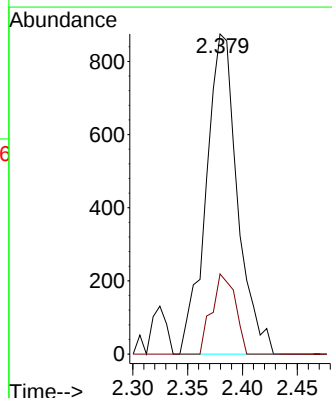
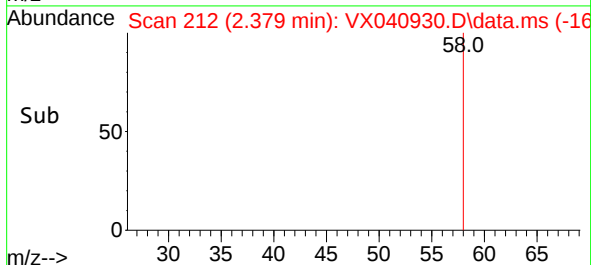
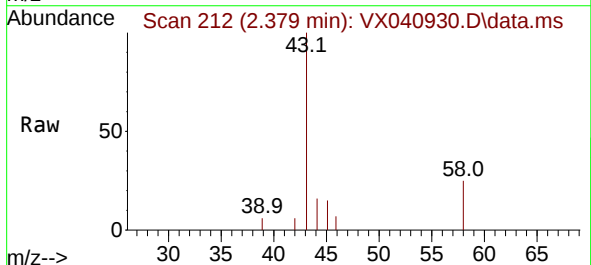


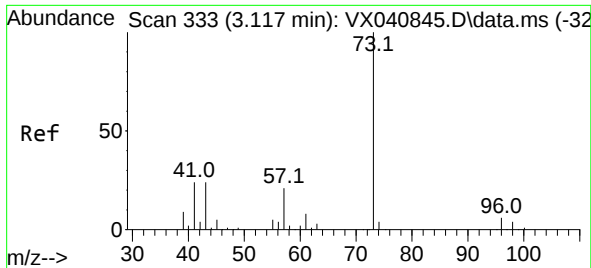
Tgt Ion:168 Resp: 36986
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#16
Acetone
Concen: 6.776 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 25.0 21.9 32.9

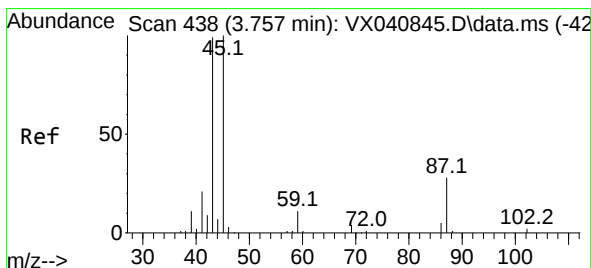
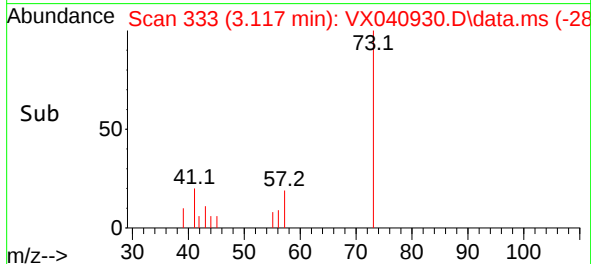
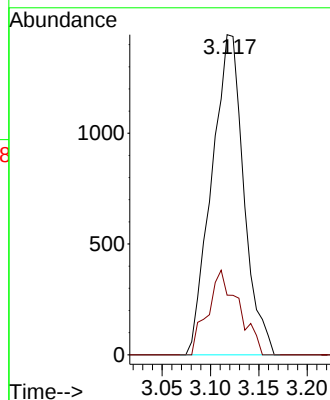
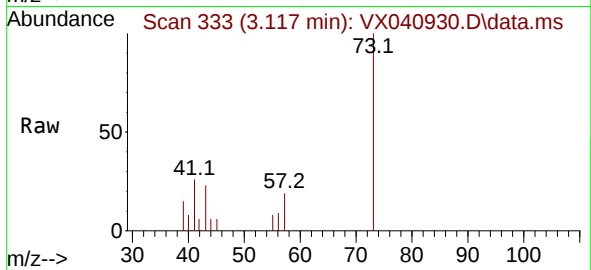




#19
Methyl tert-butyl Ether
Concen: 2.288 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

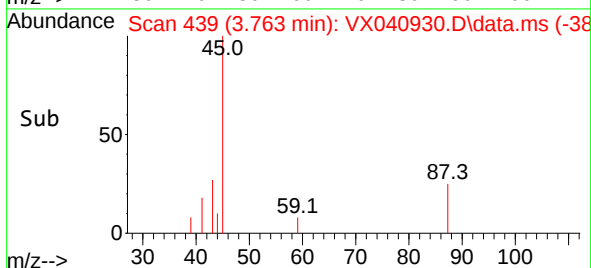
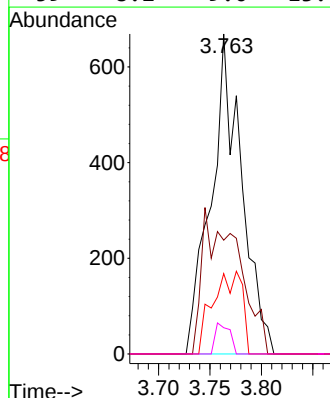
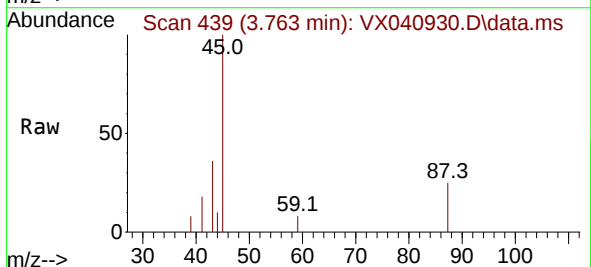
Instrument :
MSVOA_X
ClientSampleId :
50306

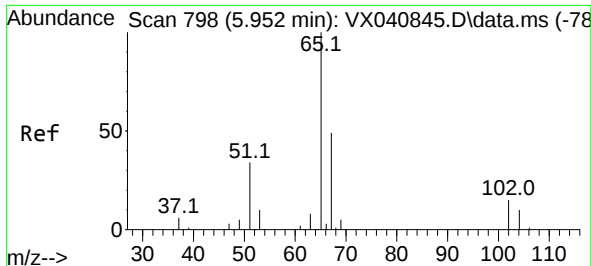
Tgt Ion: 73 Resp: 3333
Ion Ratio Lower Upper
73 100
57 18.6 17.3 25.9



#22
Diisopropyl ether
Concen: 0.958 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion: 45 Resp: 1382
Ion Ratio Lower Upper
45 100
43 35.6 69.7 104.5#
87 25.1 20.8 31.2
59 8.2 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 50.587 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040930.D

Acq: 08 Apr 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

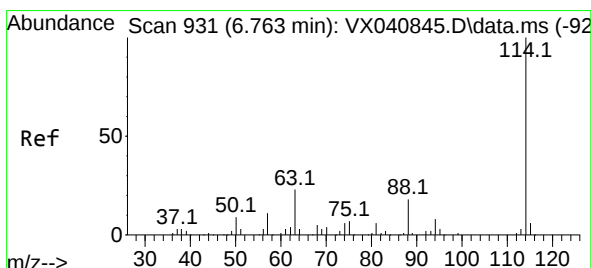
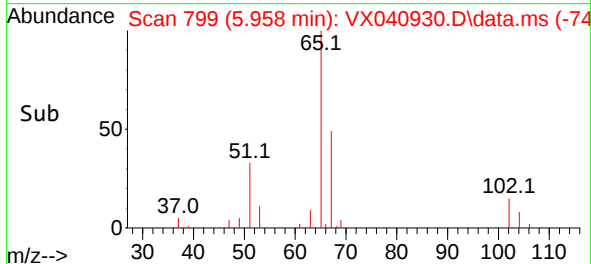
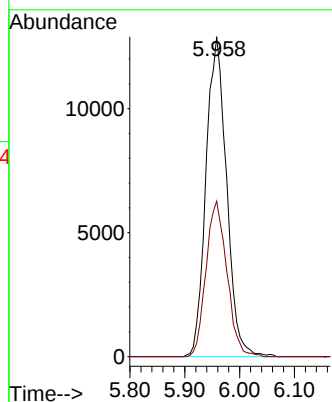
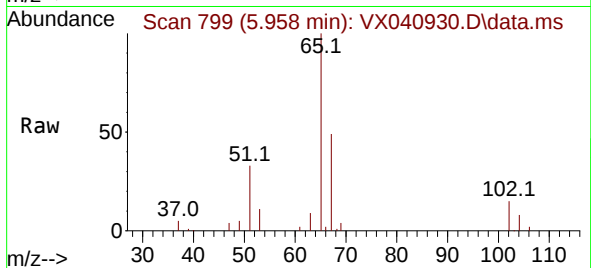
50306

Tgt Ion: 65 Resp: 33571

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040930.D

Acq: 08 Apr 2024 15:22

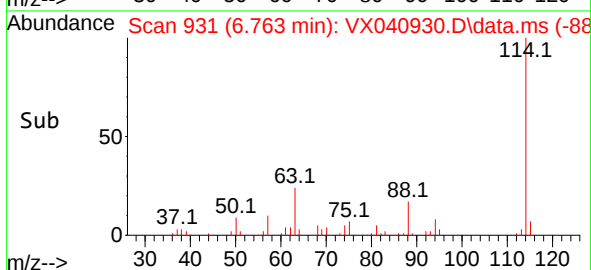
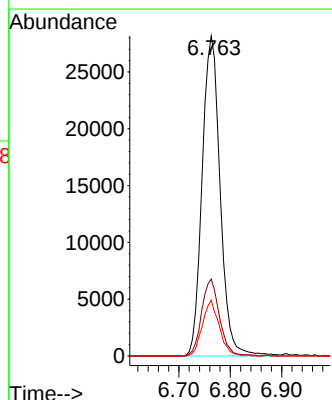
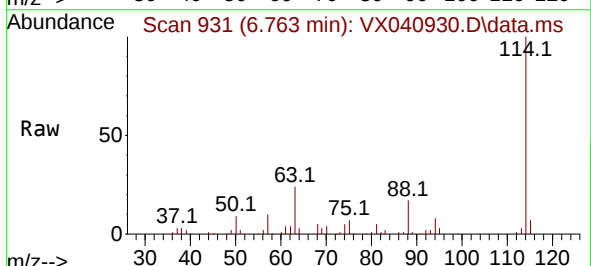
Tgt Ion: 114 Resp: 68678

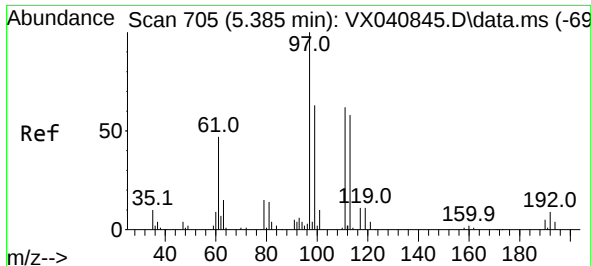
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

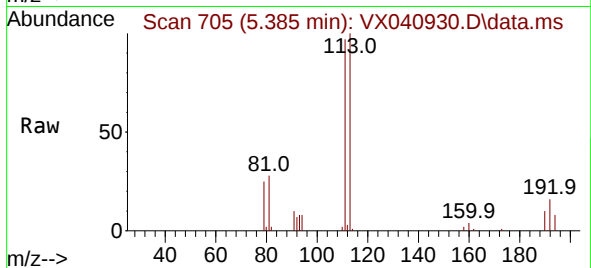
88 17.4 0.0 36.6



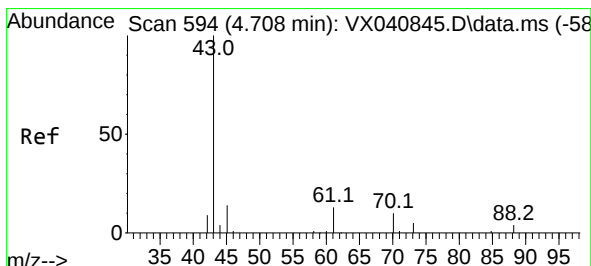
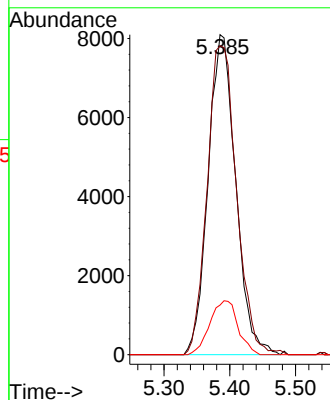
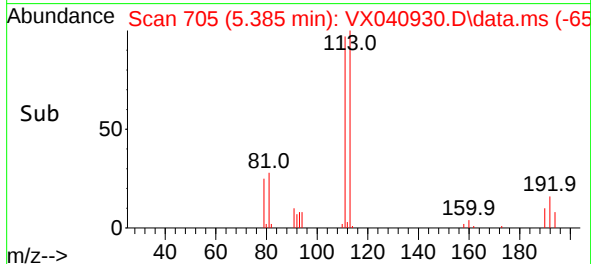


#35
Dibromofluoromethane
Concen: 48.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Instrument :
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ClientSampleId :
50306

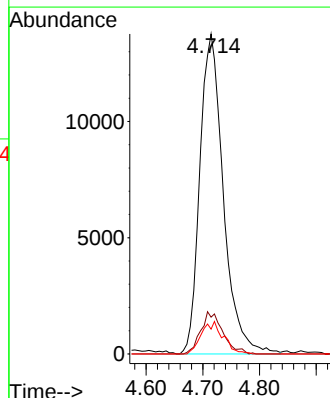
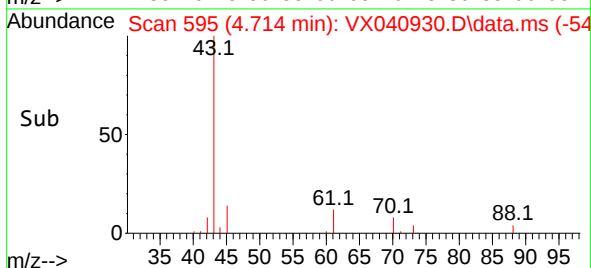
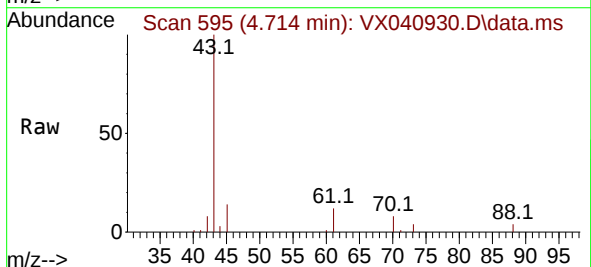


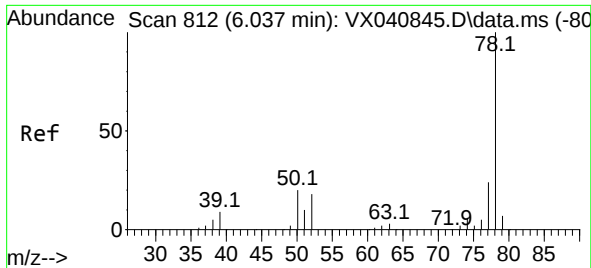
Tgt Ion:	113	Resp:	23588
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	17.2	13.3	19.9



#37
Ethyl Acetate
Concen: 46.793 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion:	43	Resp:	39715
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.6	16.0
70	9.5	8.3	12.5

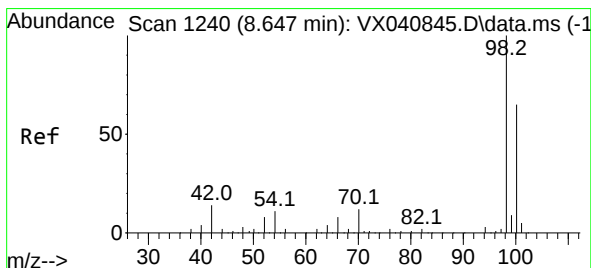
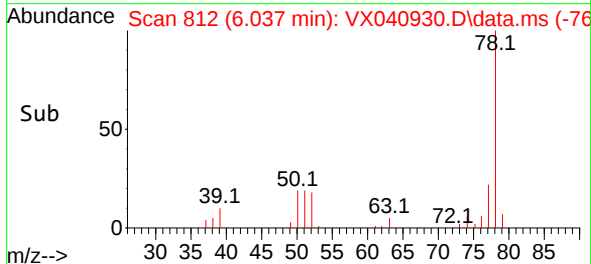
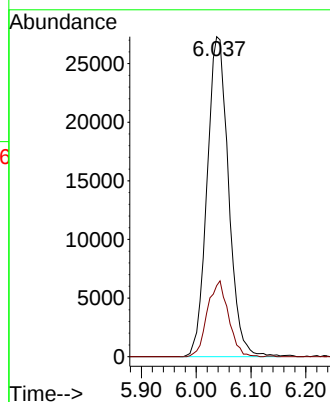
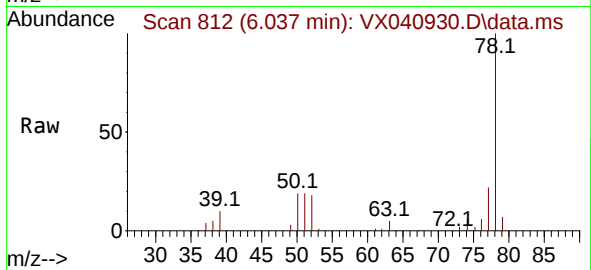




#40
Benzene
Concen: 38.634 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

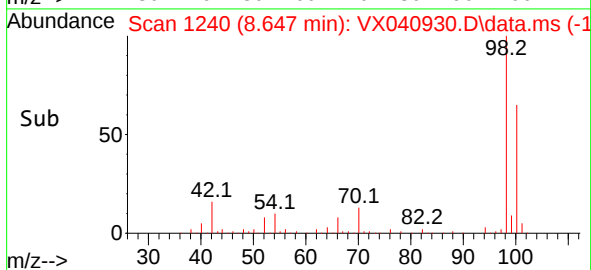
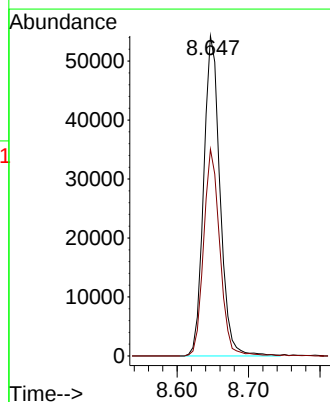
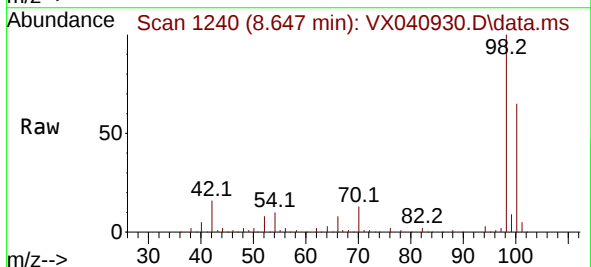
Instrument :
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ClientSampleId :
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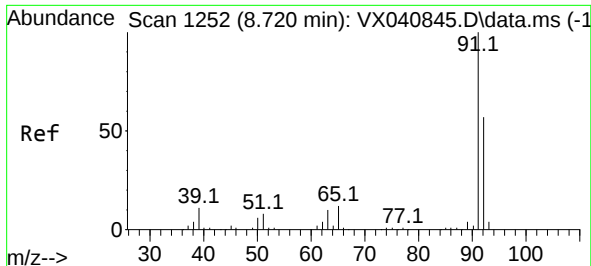
Tgt Ion: 78 Resp: 74114
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9



#50
Toluene-d8
Concen: 49.039 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion: 98 Resp: 86199
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

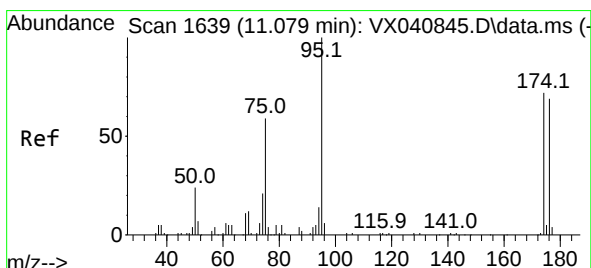
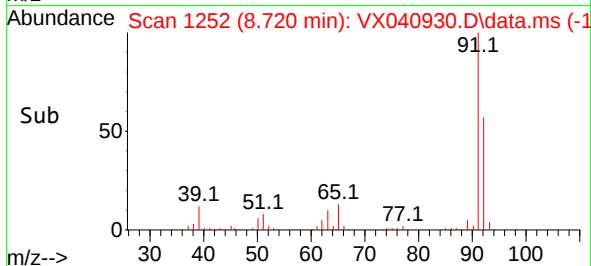
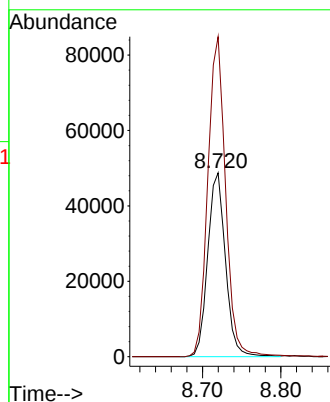
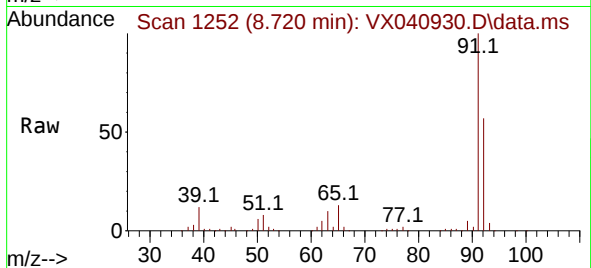




#52
Toluene
Concen: 63.335 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

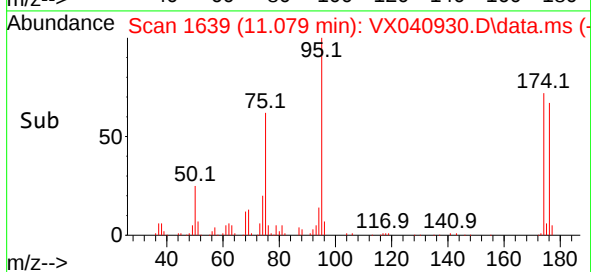
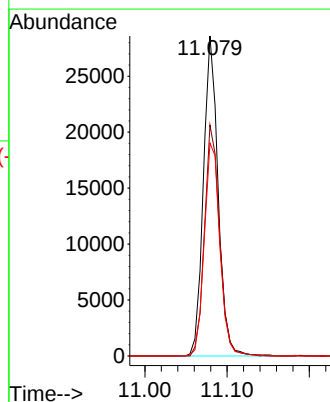
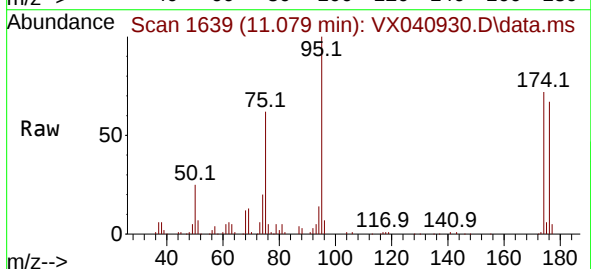
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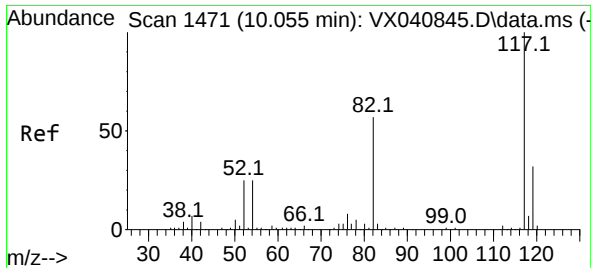
Tgt Ion: 92 Resp: 76665
Ion Ratio Lower Upper
92 100
91 174.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion: 95 Resp: 35509
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 70.5 0.0 131.0

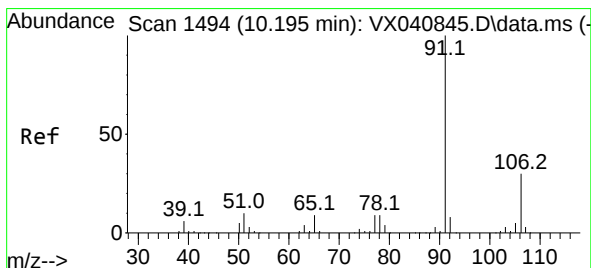
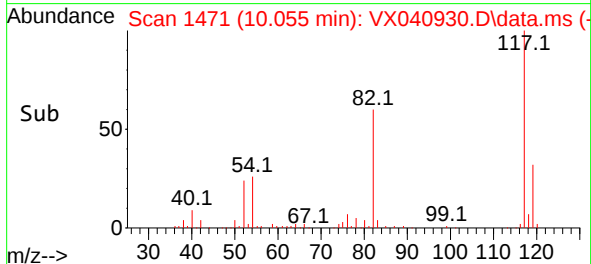
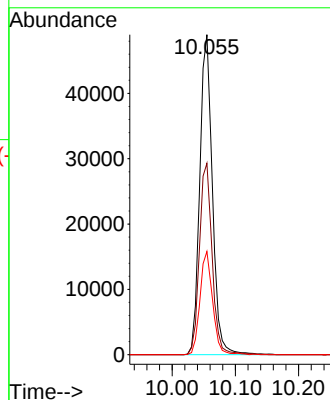
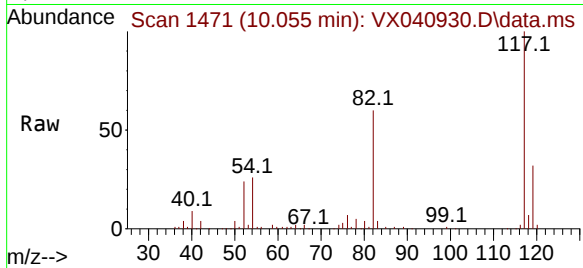




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

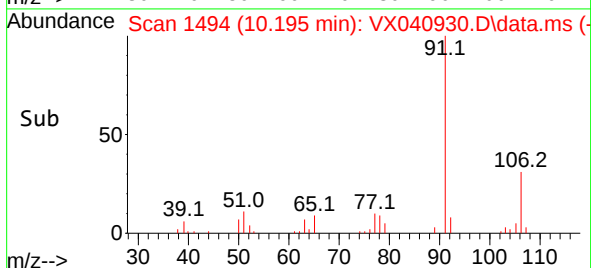
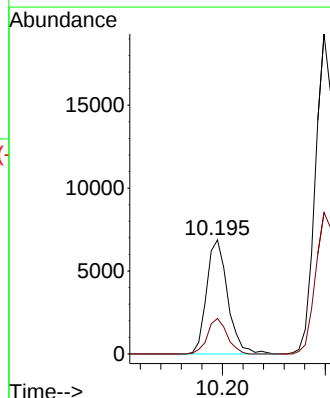
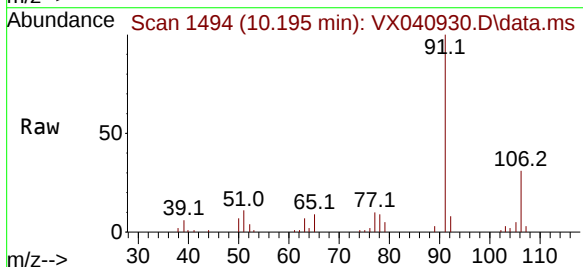
Instrument :
MSVOA_X
ClientSampleId :
50306

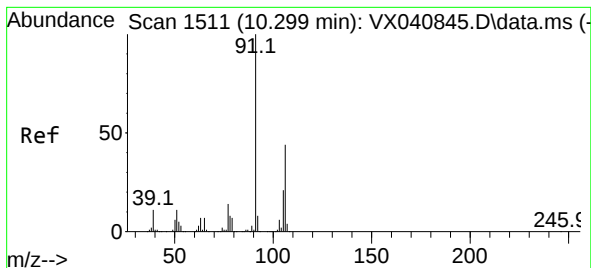
Tgt Ion:117 Resp: 68190
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 3.692 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion: 91 Resp: 9818
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

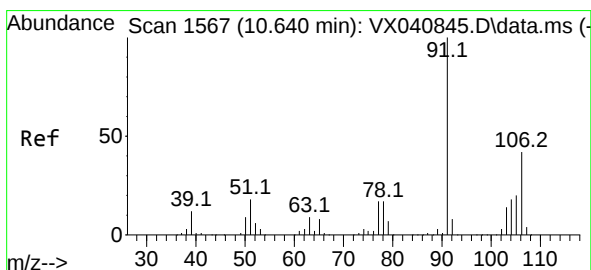
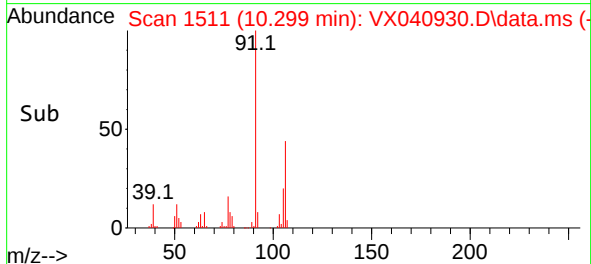
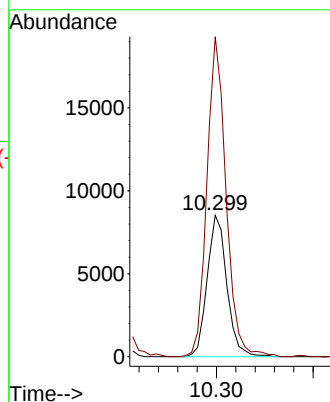
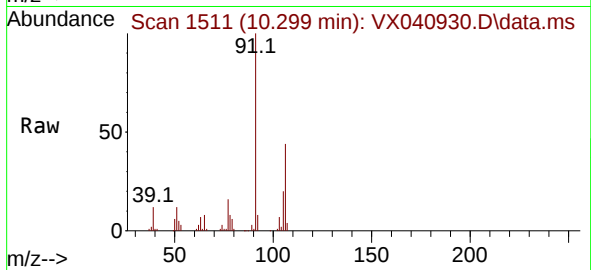




#68
m/p-Xylenes
Concen: 12.468 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

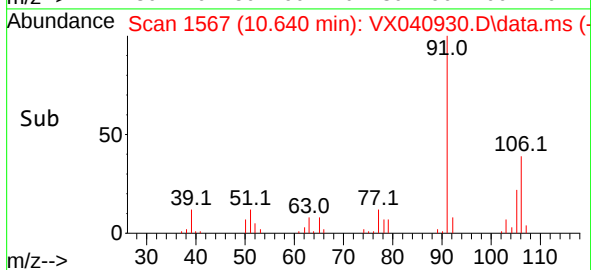
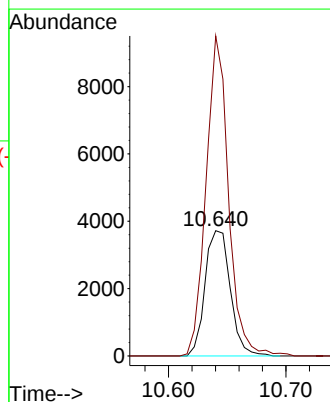
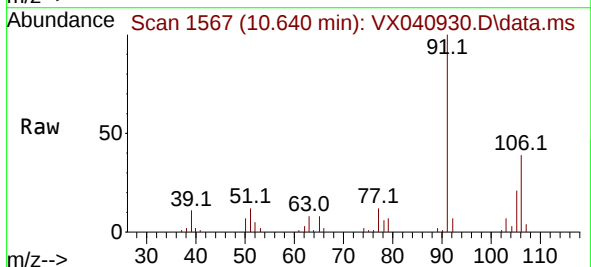
Instrument :
MSVOA_X
ClientSampleId :
50306

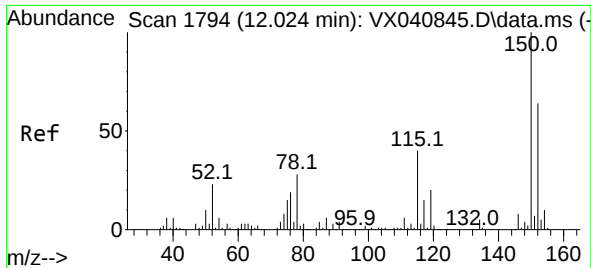
Tgt Ion:106 Resp: 12065
Ion Ratio Lower Upper
106 100
91 219.7 165.5 248.3



#69
o-Xylene
Concen: 6.076 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion:106 Resp: 5539
Ion Ratio Lower Upper
106 100
91 227.7 108.9 326.8

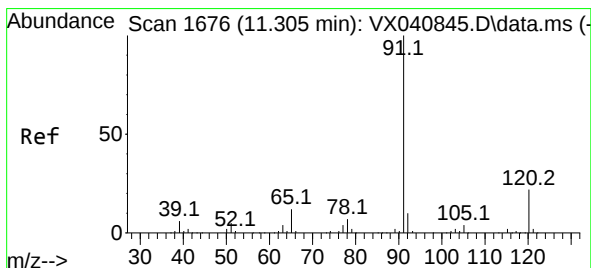
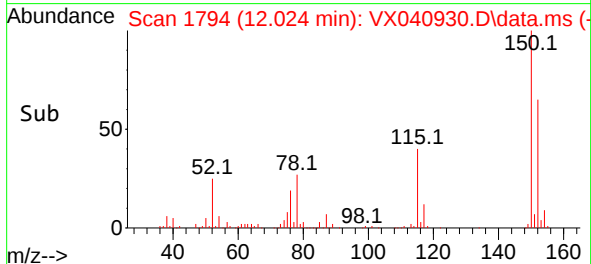
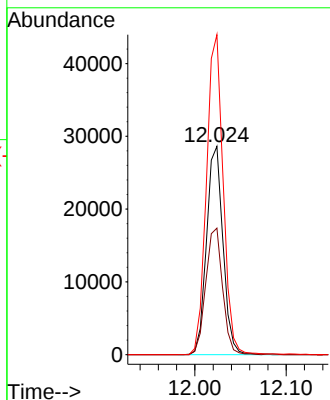
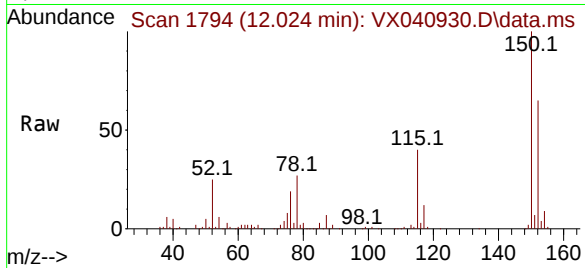




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

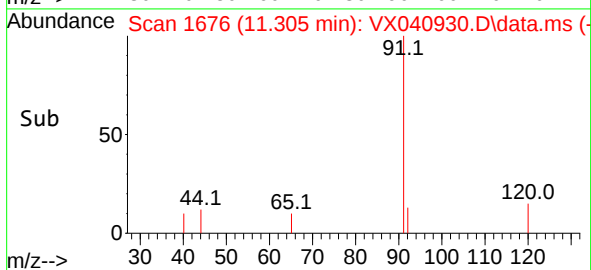
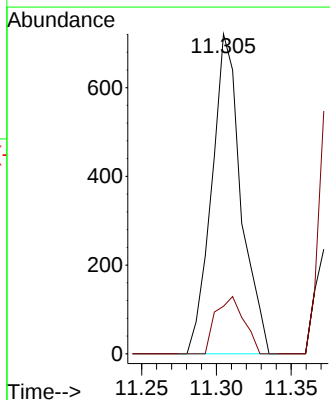
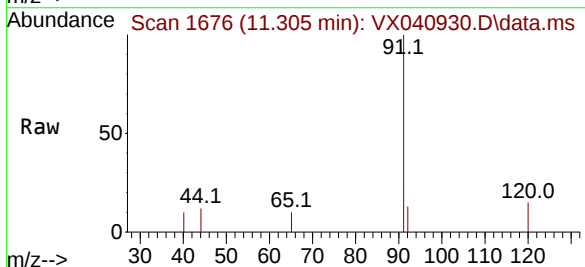
Instrument :
MSVOA_X
ClientSampleId :
50306

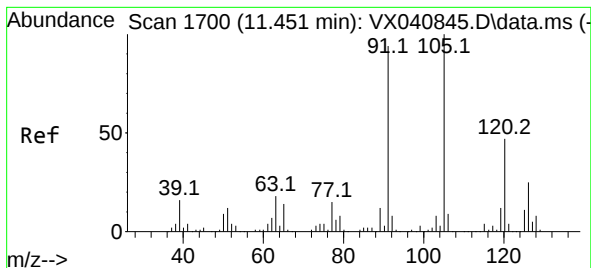
Tgt Ion:152 Resp: 35861
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 155.5 0.0 345.0



#78
n-propylbenzene
Concen: 0.314 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Tgt Ion: 91 Resp: 984
Ion Ratio Lower Upper
91 100
120 17.2 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.629 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040930.D

Acq: 08 Apr 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

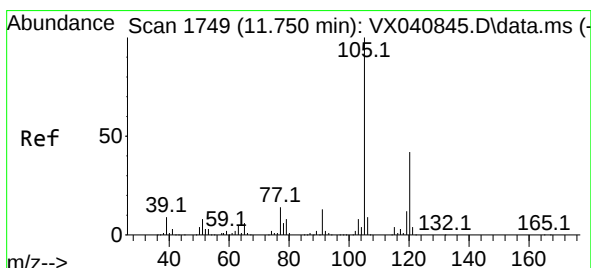
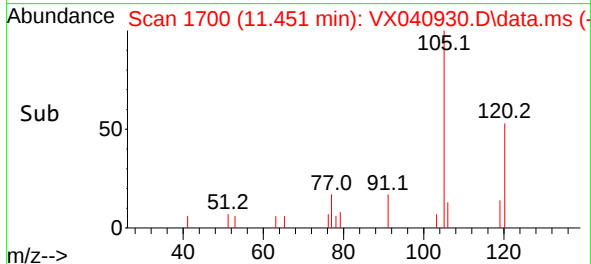
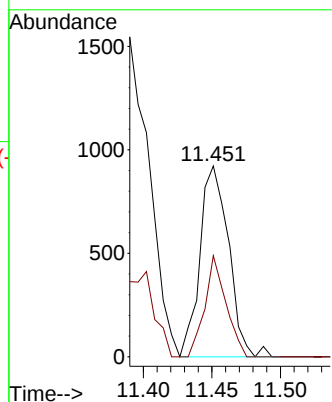
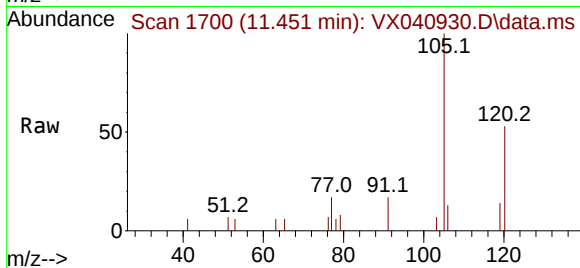
50306

Tgt Ion:105 Resp: 1346

Ion Ratio Lower Upper

105 100

120 39.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.385 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040930.D

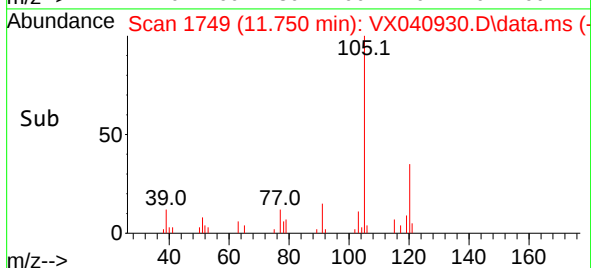
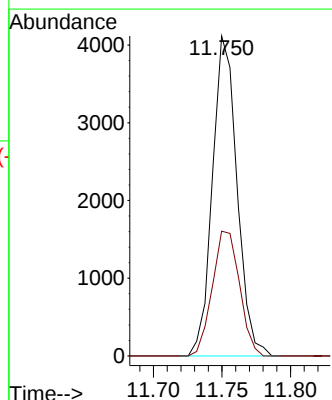
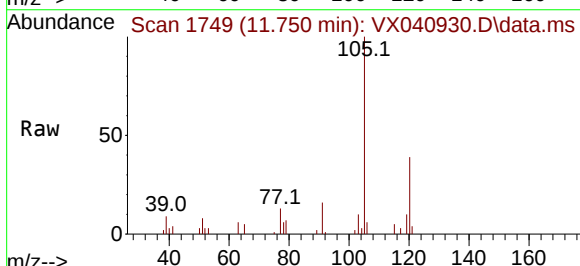
Acq: 08 Apr 2024 15:22

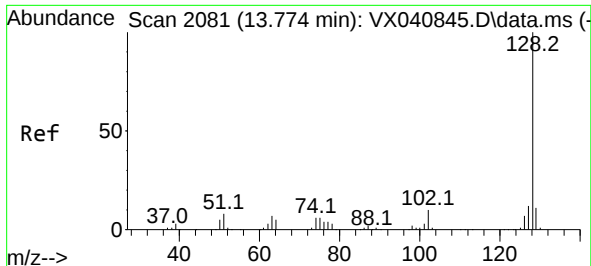
Tgt Ion:105 Resp: 5140

Ion Ratio Lower Upper

105 100

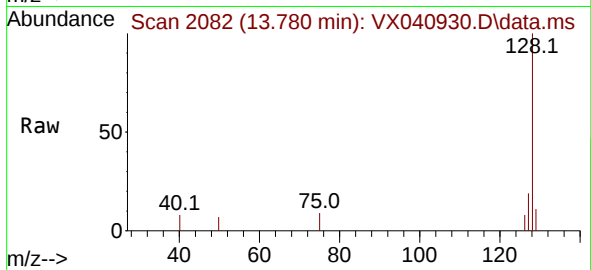
120 43.1 21.2 63.6





#95
Naphthalene
Concen: 0.479 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040930.D
Acq: 08 Apr 2024 15:22

Instrument :
MSVOA_X
ClientSampleId :
50306



Tgt Ion:	128	Resp:	1245
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.3	15.5
129	13.0	8.8	13.2

