

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038732.D
 Acq On : 10 Nov 2023 16:34
 Operator : JC/MD
 Sample : 05102-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 67S-IDW-01DL

Quant Time: Nov 11 01:56:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

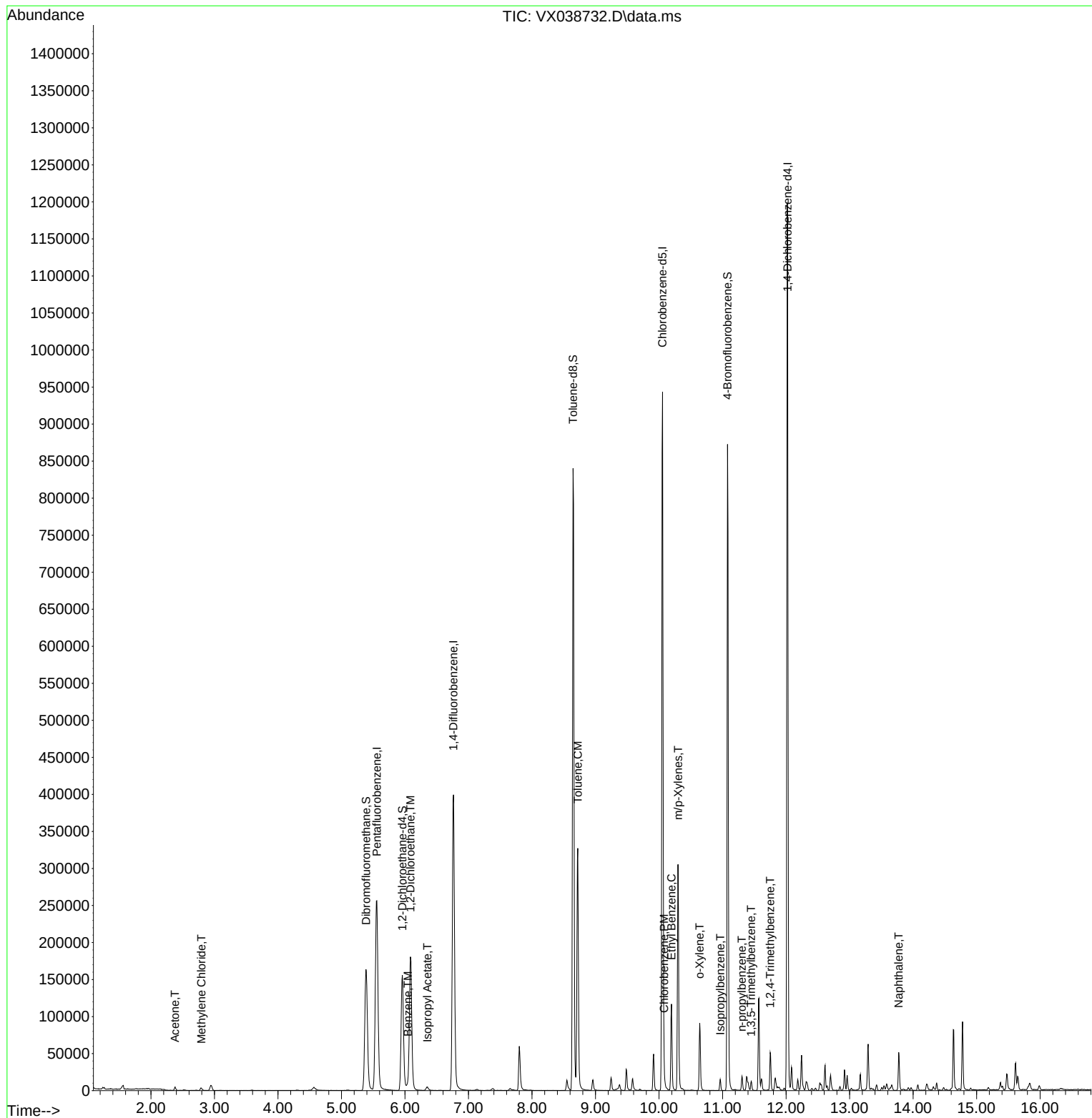
Internal Standards						
1) Pentafluorobenzene	5.556	168	271127	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	451429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157887	46.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.560%
35) Dibromofluoromethane	5.385	113	148781	45.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.647	98	542844	46.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	236476	52.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	4344	3.056	ug/l	99
20) Methylene Chloride	2.794	84	1924	0.671	ug/l	# 78
40) Benzene	6.043	78	9201	0.791	ug/l	94
42) 1,2-Dichloroethane	6.086	62	208668	49.714	ug/l	95
43) Isopropyl Acetate	6.354	43	6515	1.028	ug/l	94
52) Toluene	8.720	92	134745	17.682	ug/l	96
65) Chlorobenzene	10.079	112	3427	0.350	ug/l	90
67) Ethyl Benzene	10.195	91	71173	4.296	ug/l	99
68) m/p-Xylenes	10.299	106	74357	11.309	ug/l	95
69) o-Xylene	10.640	106	21423	3.350	ug/l	94
73) Isopropylbenzene	10.963	105	8032	0.466	ug/l	97
78) n-propylbenzene	11.305	91	12635	0.630	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	6243	0.421	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	24595	1.673	ug/l	95
95) Naphthalene	13.774	128	36409	1.912	ug/l	99

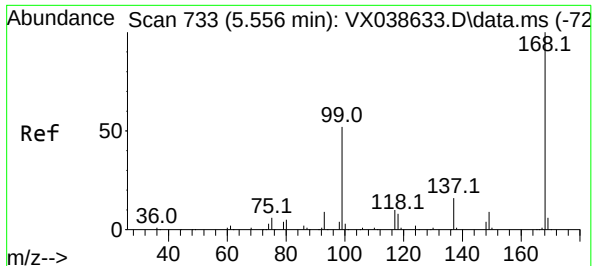
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
Data File : VX038732.D
Acq On : 10 Nov 2023 16:34
Operator : JC/MD
Sample : 05102-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

Quant Time: Nov 11 01:56:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

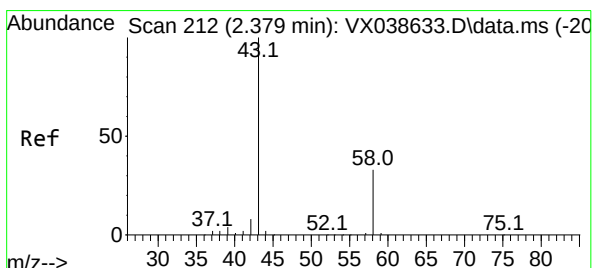
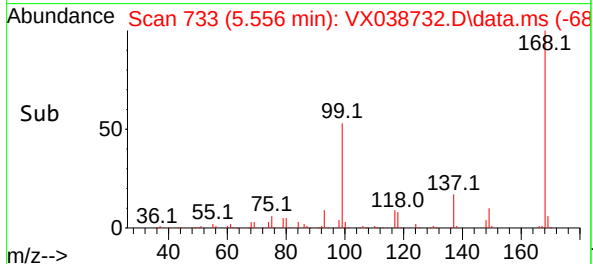
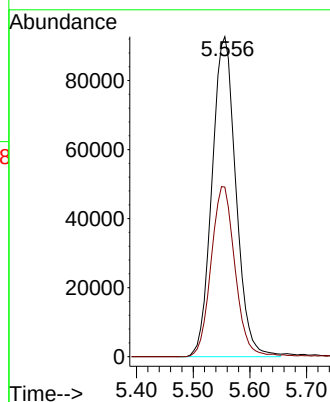
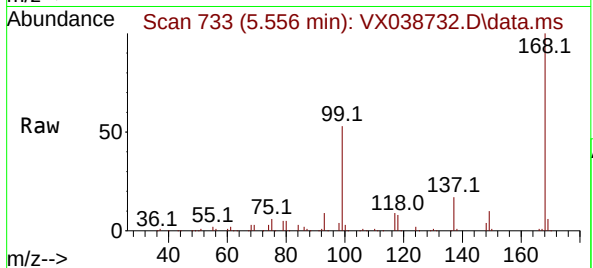




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

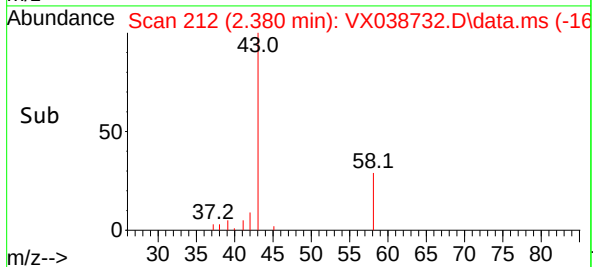
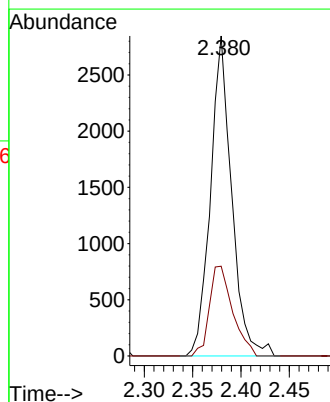
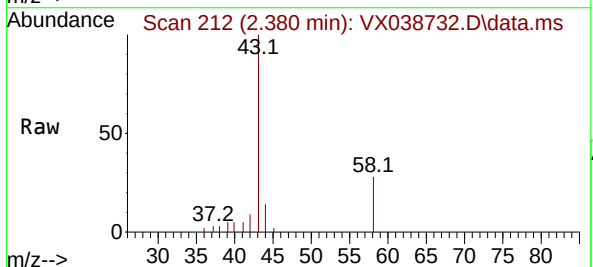
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

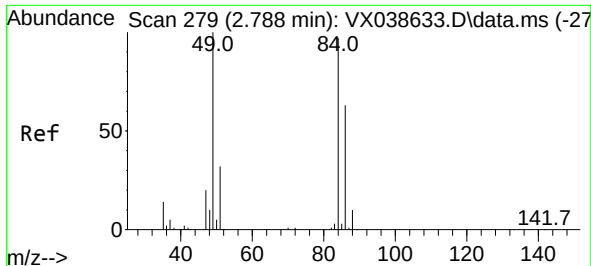
Tgt Ion:168 Resp: 271127
Ion Ratio Lower Upper
168 100
99 53.0 56.6 85.0#



#16
Acetone
Concen: 3.056 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9

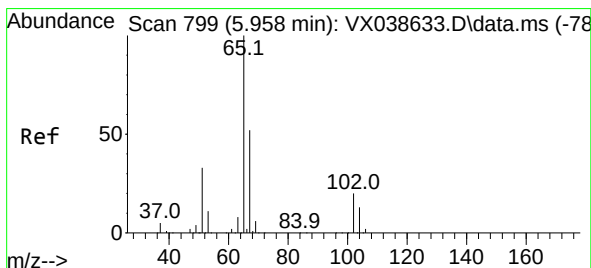
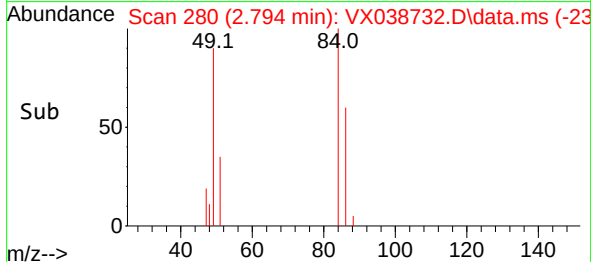
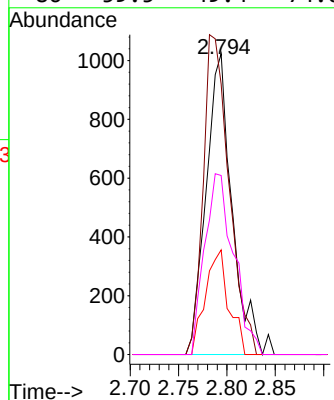
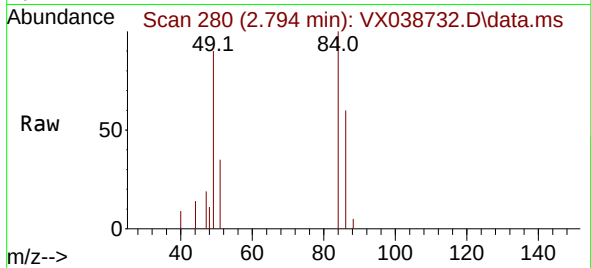




#20
Methylene Chloride
Concen: 0.671 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

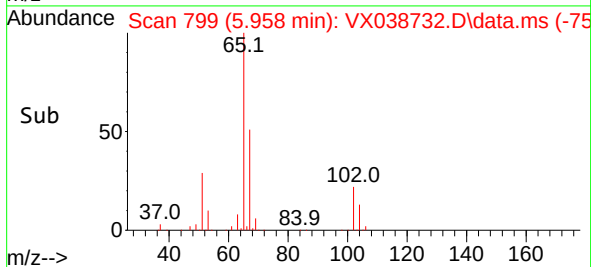
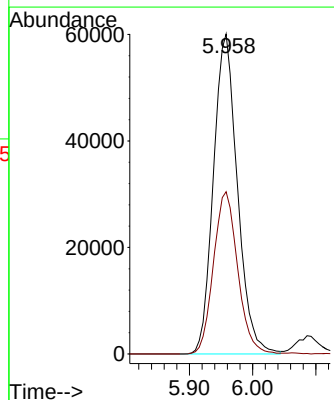
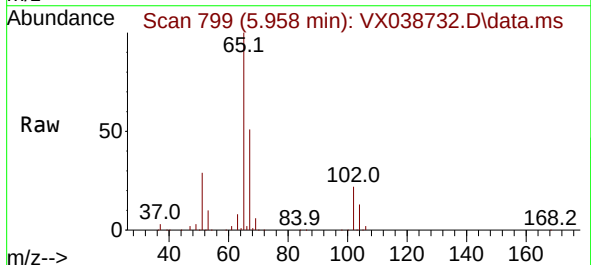
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

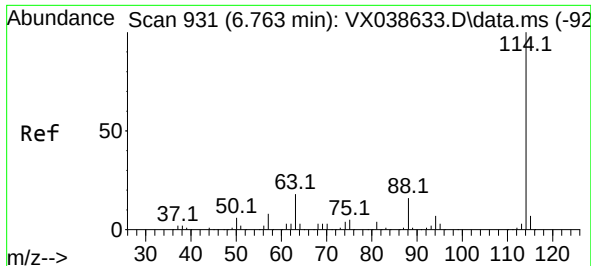
Tgt Ion:	84	Resp:	1924
Ion	Ratio	Lower	Upper
84	100		
49	89.9	103.6	155.4#
51	34.8	33.8	50.6
86	59.5	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 46.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion:	65	Resp:	157887
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	100.2

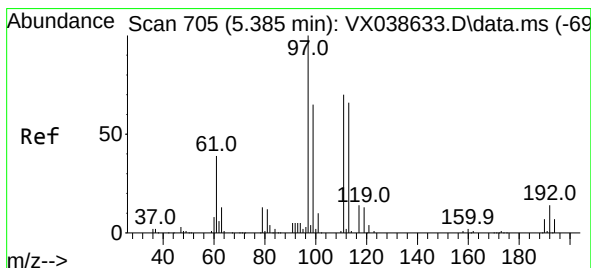
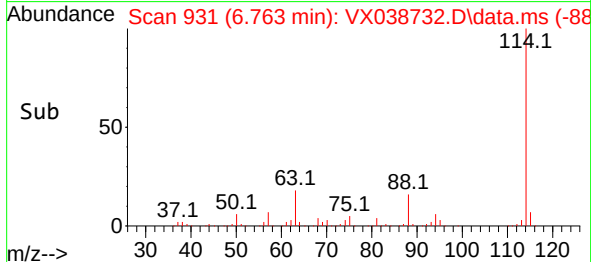
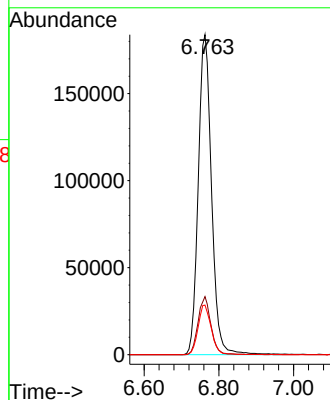
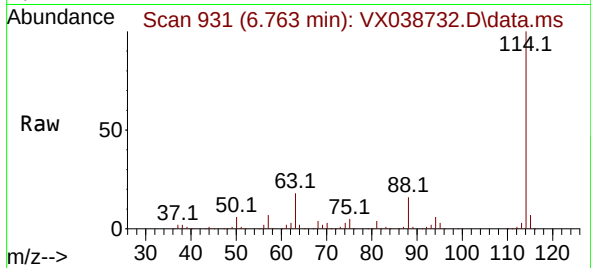




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

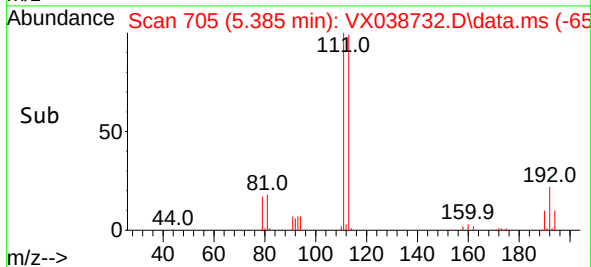
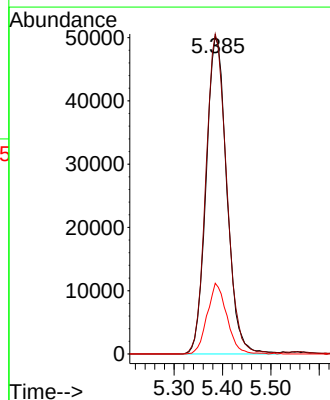
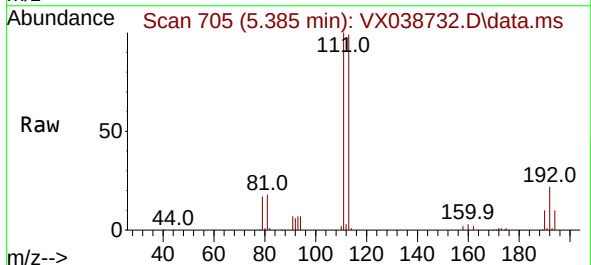
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

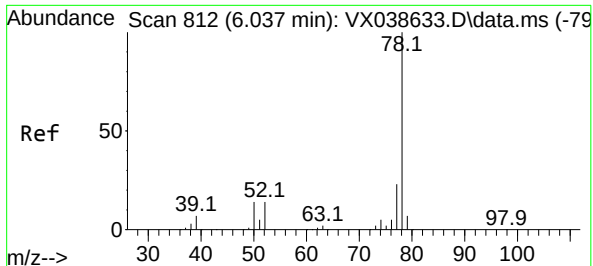
Tgt Ion:114 Resp: 451429
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.760 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion:113 Resp: 148781
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 21.2 13.3 19.9#

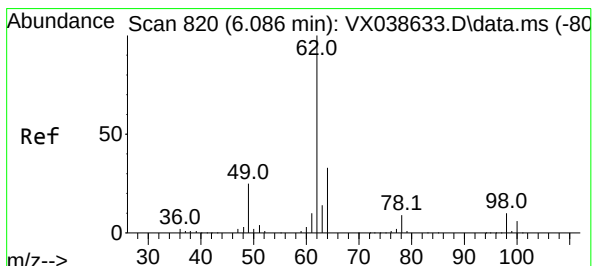
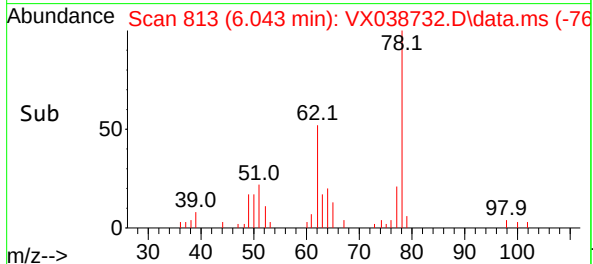
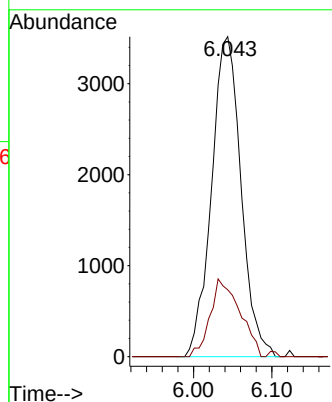
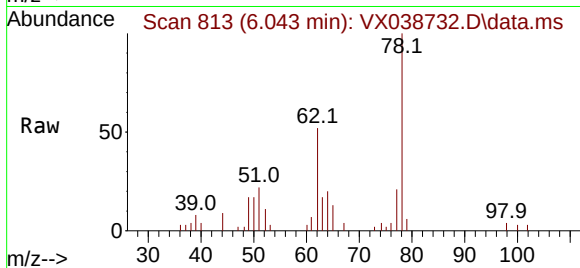




#40
Benzene
Concen: 0.791 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

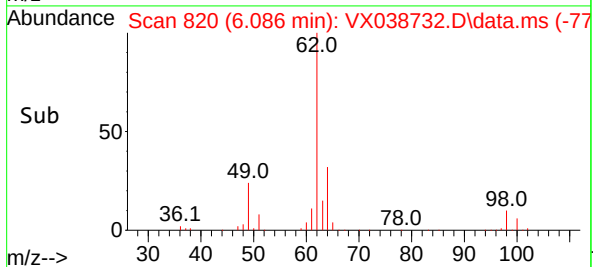
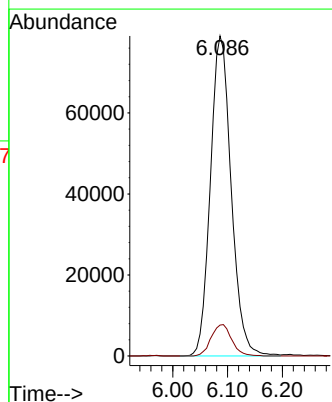
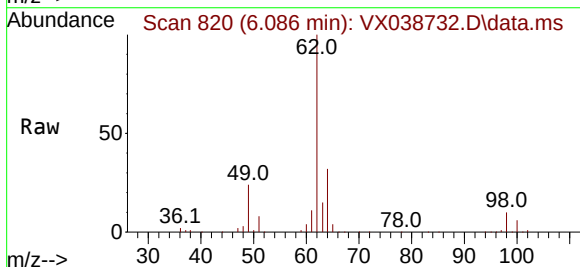
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

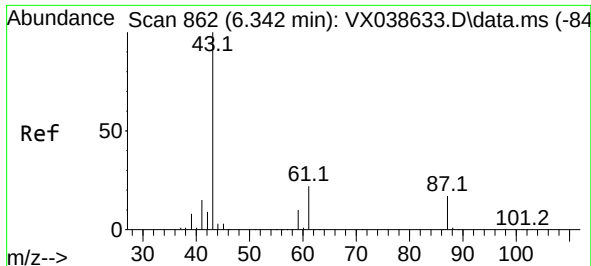
Tgt Ion: 78 Resp: 9201
Ion Ratio Lower Upper
78 100
77 20.9 19.3 28.9



#42
1,2-Dichloroethane
Concen: 49.714 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion: 62 Resp: 208668
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.0

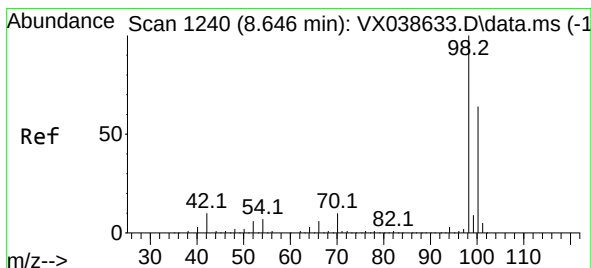
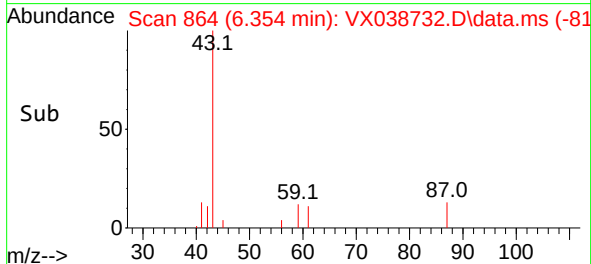
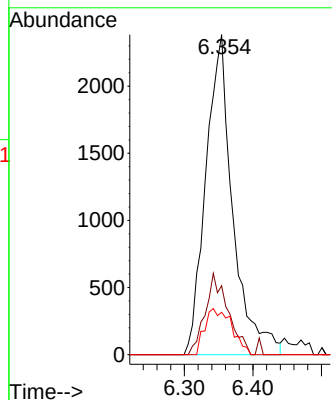
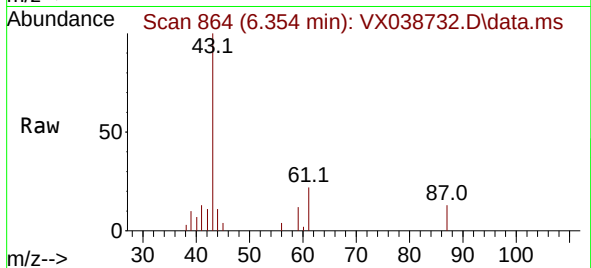




#43
Isopropyl Acetate
Concen: 1.028 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

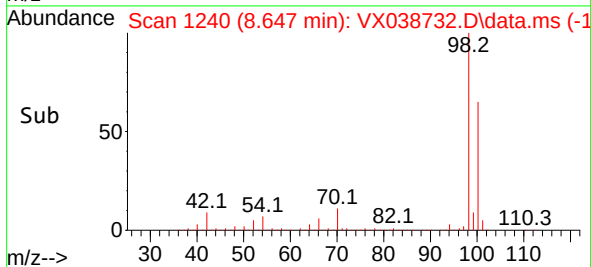
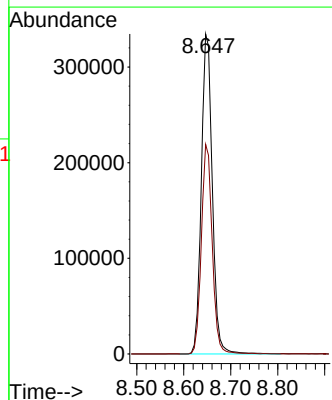
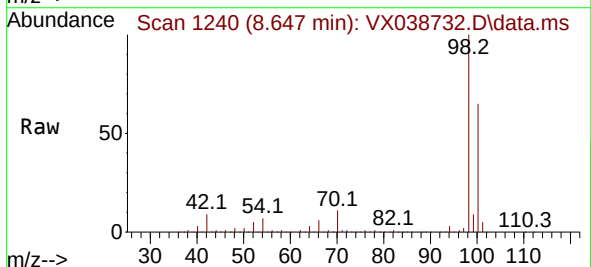
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

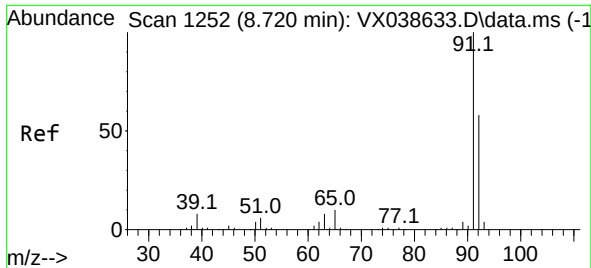
Tgt Ion: 43 Resp: 6515
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 14.4 9.8 14.6



#50
Toluene-d8
Concen: 46.658 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion: 98 Resp: 542844
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

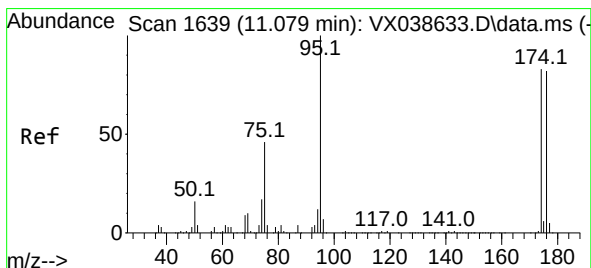
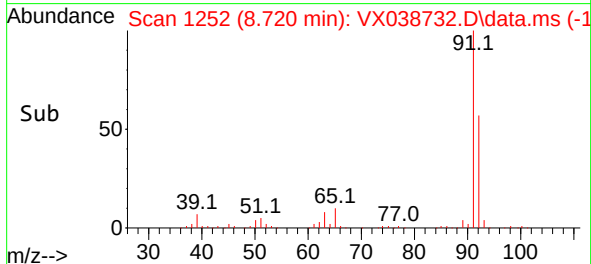
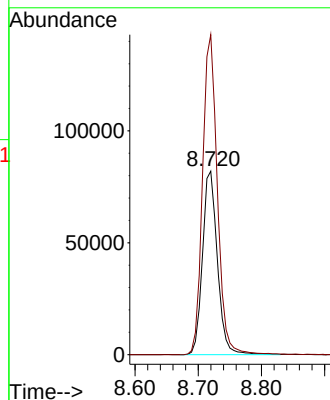
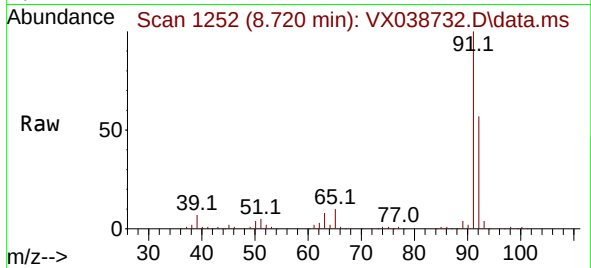




#52
Toluene
Concen: 17.682 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

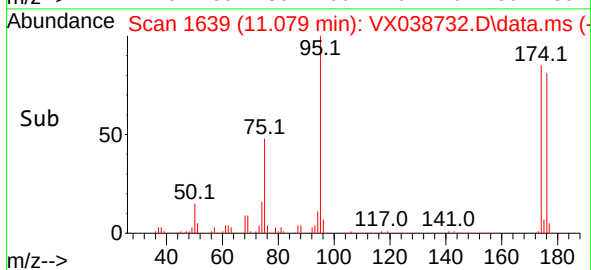
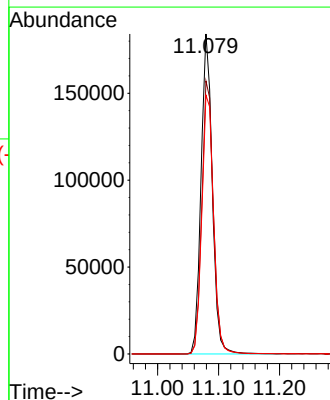
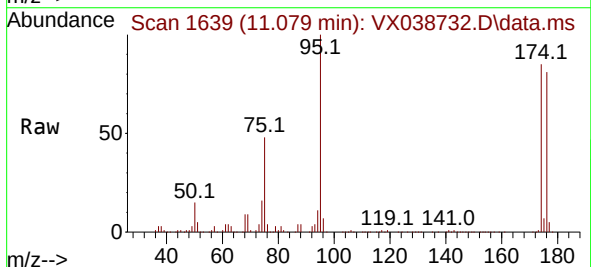
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

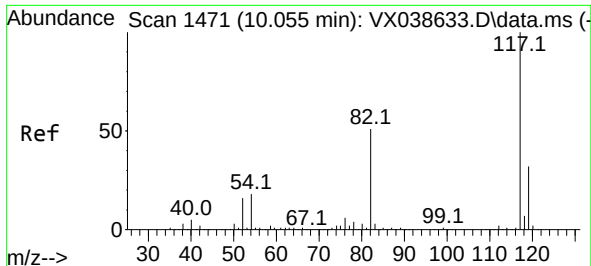
Tgt Ion: 92 Resp: 134745
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion: 95 Resp: 236476
Ion Ratio Lower Upper
95 100
174 88.4 0.0 135.6
176 84.6 0.0 131.0

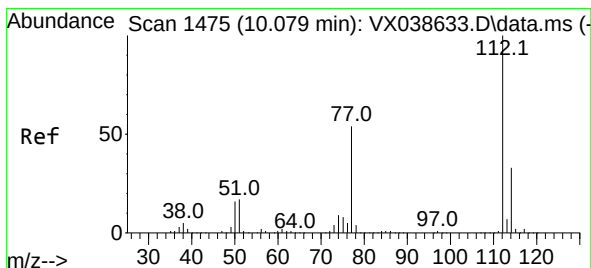
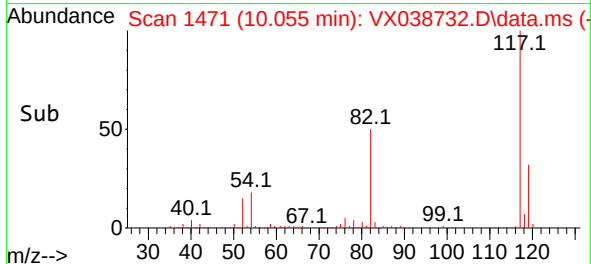
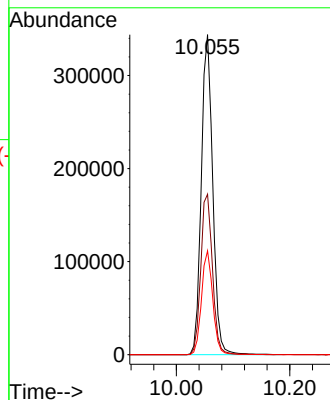
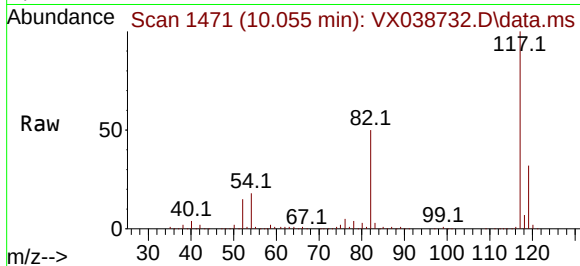




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

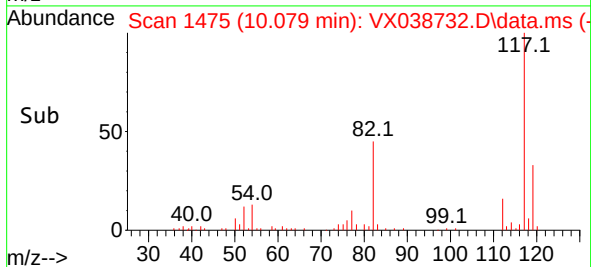
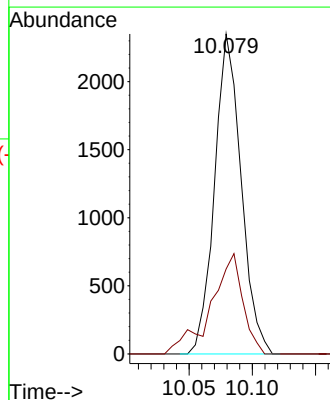
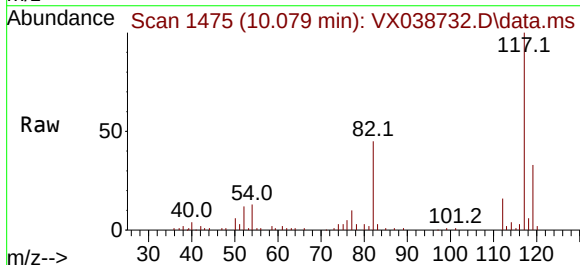
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

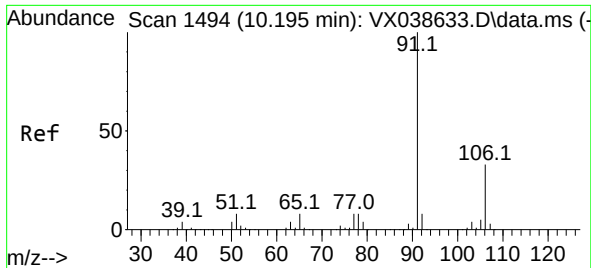
Tgt Ion:117 Resp: 481130
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.4 25.5 38.3



#65
Chlorobenzene
Concen: 0.350 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion:112 Resp: 3427
Ion Ratio Lower Upper
112 100
114 26.6 25.7 38.5

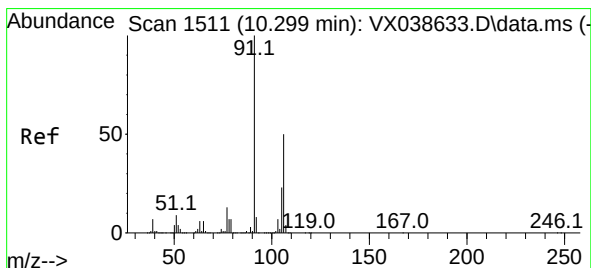
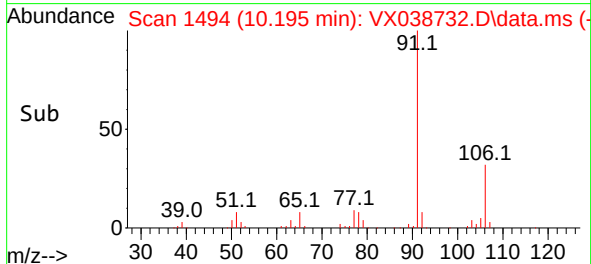
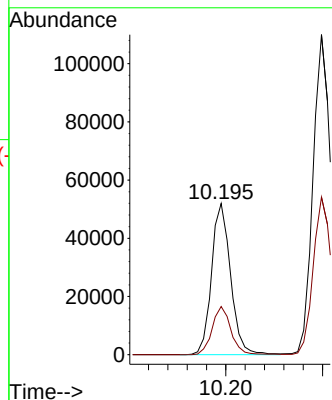
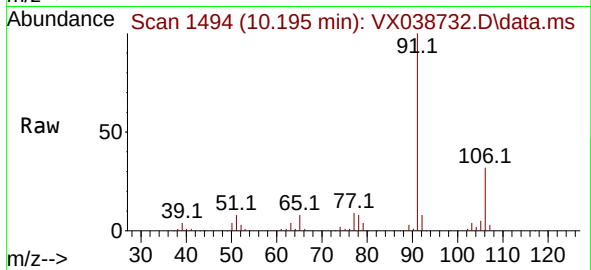




#67
Ethyl Benzene
Concen: 4.296 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

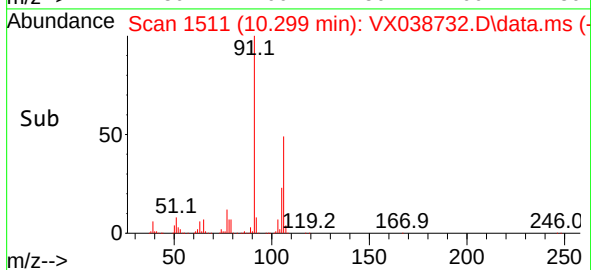
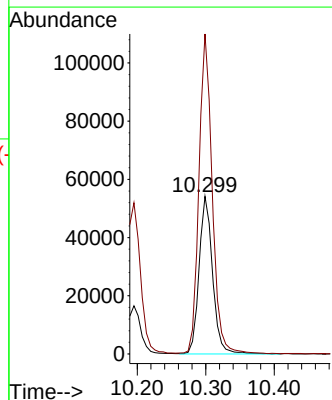
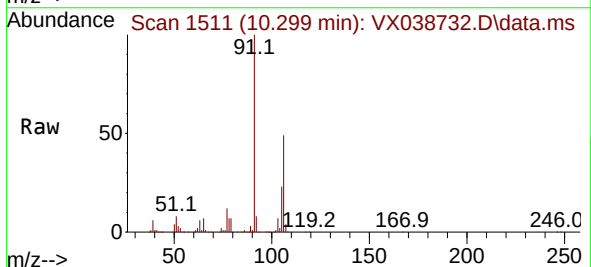
Instrument :
MSVOA_X
ClientSampleId :
67S-IDW-01DL

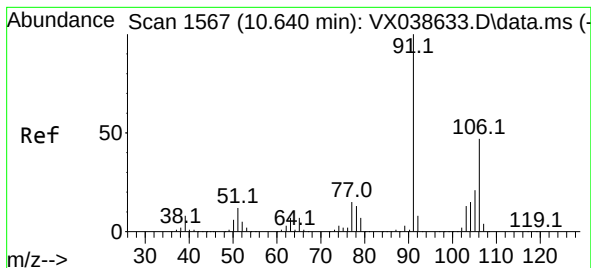
Tgt Ion: 91 Resp: 71173
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 11.309 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038732.D
Acq: 10 Nov 2023 16:34

Tgt Ion: 106 Resp: 74357
Ion Ratio Lower Upper
106 100
91 199.1 165.5 248.3





#69

o-Xylene

Concen: 3.350 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038732.D

Acq: 10 Nov 2023 16:34

Instrument :

MSVOA_X

ClientSampleId :

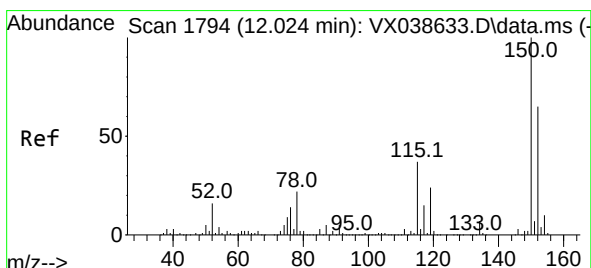
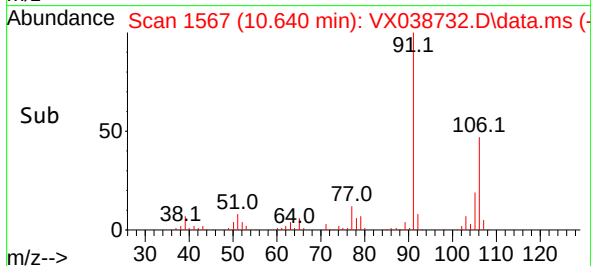
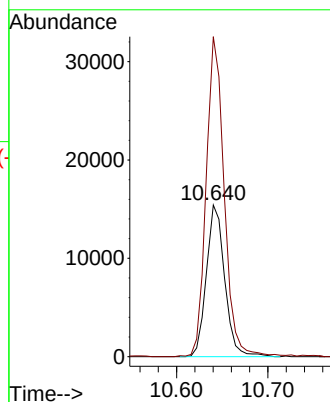
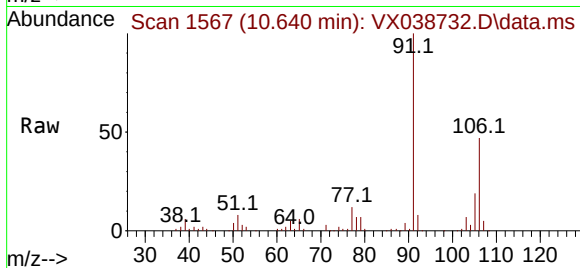
67S-IDW-01DL

Tgt Ion:106 Resp: 21423

Ion Ratio Lower Upper

106 100

91 208.4 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038732.D

Acq: 10 Nov 2023 16:34

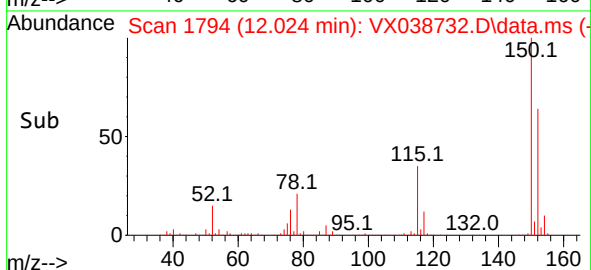
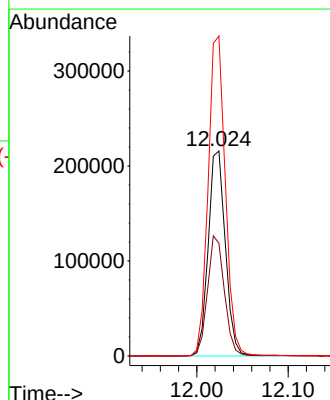
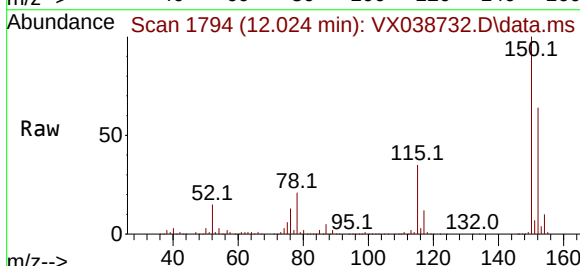
Tgt Ion:152 Resp: 280714

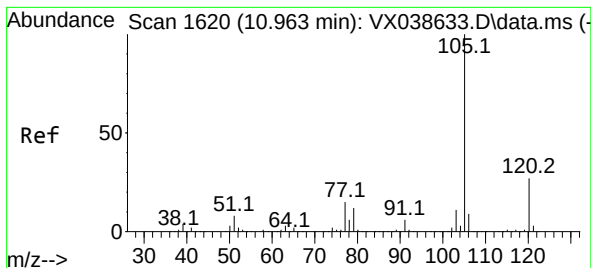
Ion Ratio Lower Upper

152 100

115 57.6 43.3 129.9

150 156.9 0.0 345.0





#73

Isopropylbenzene

Concen: 0.466 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038732.D

Acq: 10 Nov 2023 16:34

Instrument :

MSVOA_X

ClientSampleId :

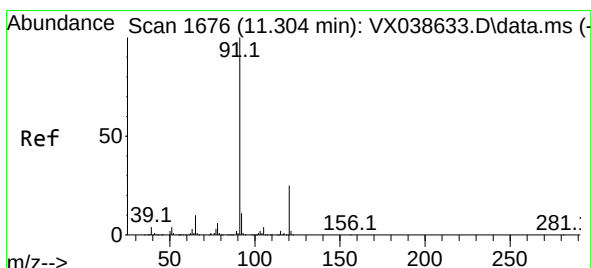
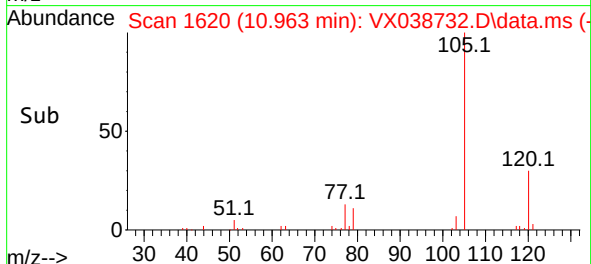
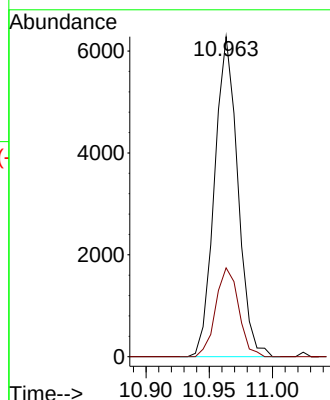
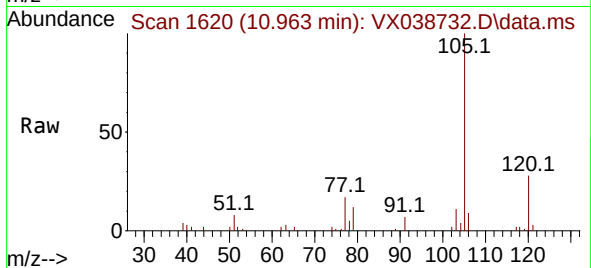
67S-IDW-01DL

Tgt Ion:105 Resp: 8032

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6



#78

n-propylbenzene

Concen: 0.630 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038732.D

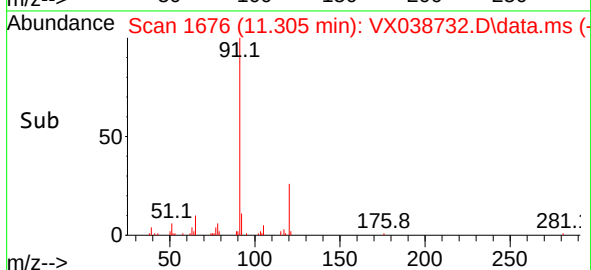
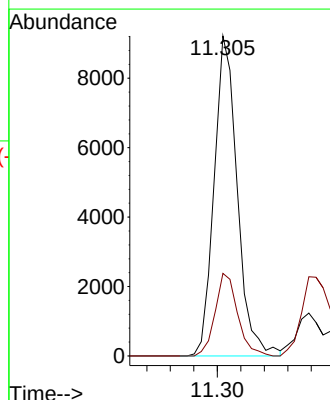
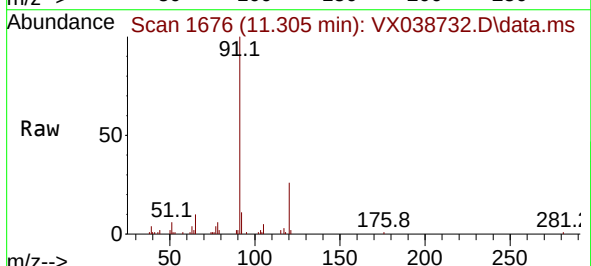
Acq: 10 Nov 2023 16:34

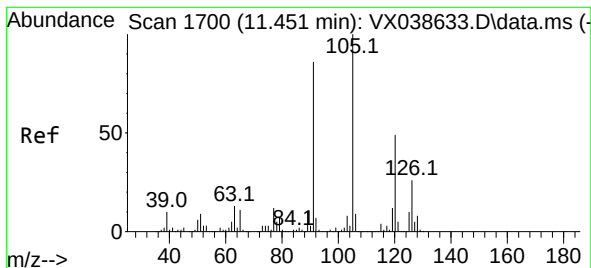
Tgt Ion: 91 Resp: 12635

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.421 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038732.D

Acq: 10 Nov 2023 16:34

Instrument :

MSVOA_X

ClientSampleId :

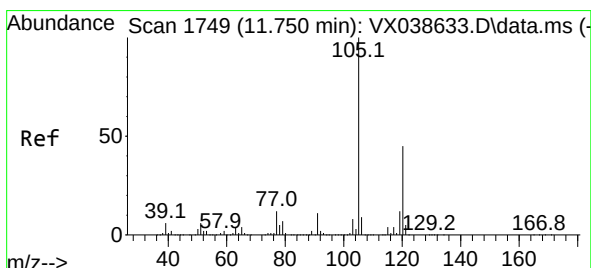
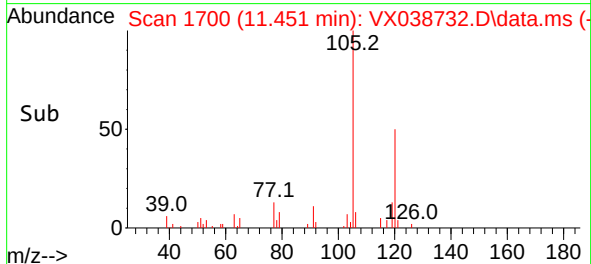
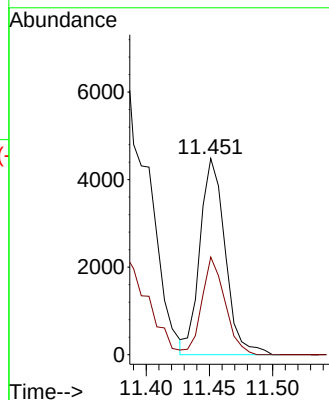
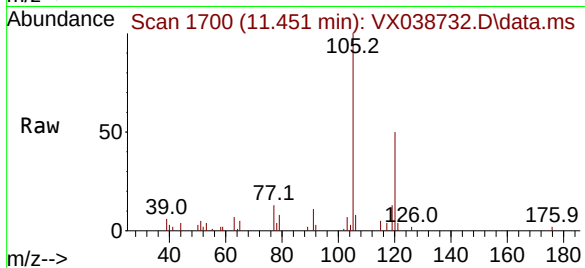
67S-IDW-01DL

Tgt Ion:105 Resp: 6243

Ion Ratio Lower Upper

105 100

120 45.6 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 1.673 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038732.D

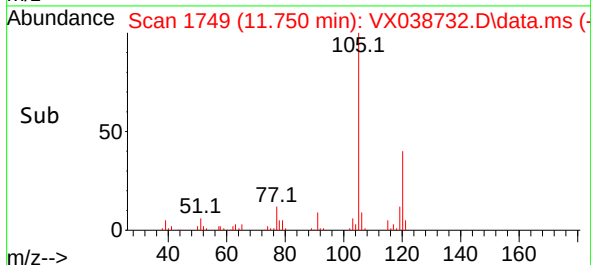
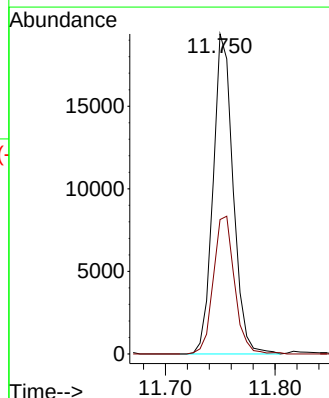
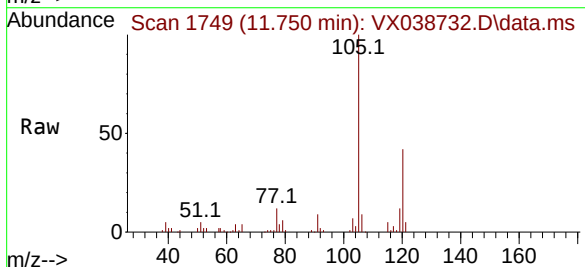
Acq: 10 Nov 2023 16:34

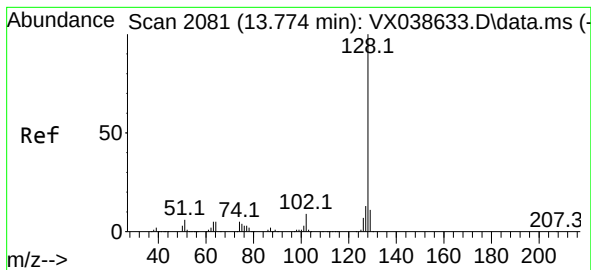
Tgt Ion:105 Resp: 24595

Ion Ratio Lower Upper

105 100

120 45.6 21.2 63.6





#95

Naphthalene

Concen: 1.912 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX038732.D

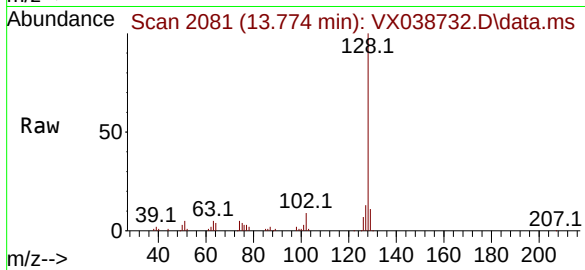
Acq: 10 Nov 2023 16:34

Instrument :

MSVOA_X

ClientSampleId :

67S-IDW-01DL



Tgt Ion:	128	Resp:	36409
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.8	8.8	13.2

