

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024261.D
 Acq On : 15 Sep 2021 15:26
 Operator : JC/MD
 Sample : M3724-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33127

Quant Time: Sep 16 04:44:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

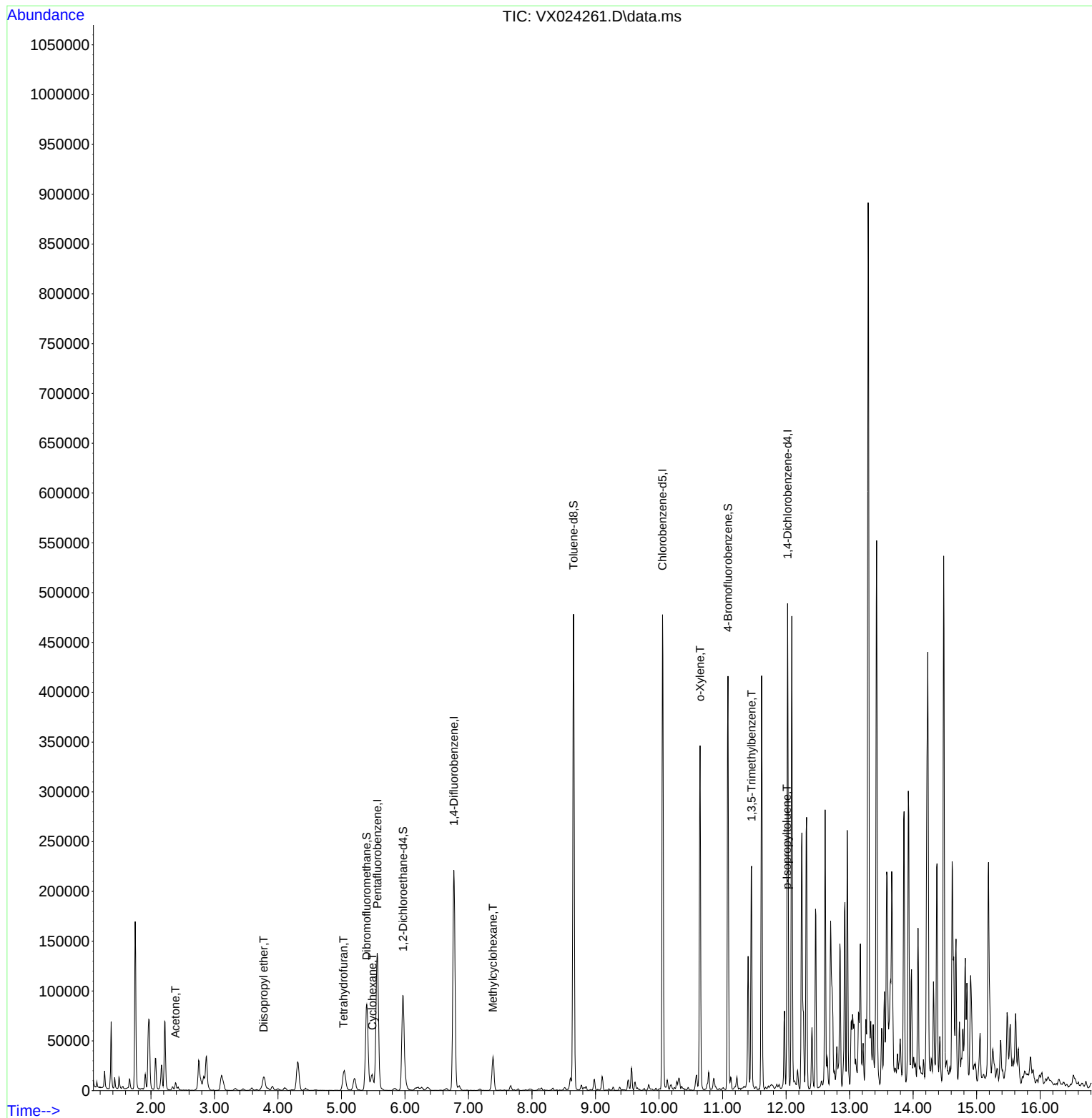
Internal Standards						
1) Pentafluorobenzene	5.562	168	128997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	96213	52.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.620%	
35) Dibromofluoromethane	5.397	113	74514	50.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.100%	
50) Toluene-d8	8.653	98	271172	50.001	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	11.085	95	105922	50.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.380%	
Target Compounds						Qvalue
16) Acetone	2.386	43	7506	9.570	ug/l	94
22) Diisopropyl ether	3.776	45	14000	3.298	ug/l #	87
29) Tetrahydrofuran	5.032	42	9916	13.714	ug/l #	71
31) Cyclohexane	5.483	56	10114	4.701	ug/l #	93
39) Methylcyclohexane	7.385	83	13623	5.591	ug/l	93
69) o-Xylene	10.646	106	71675	24.700	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	97749	16.518	ug/l	99
86) p-Isopropyltoluene	12.012	119	8533	1.420	ug/l	92

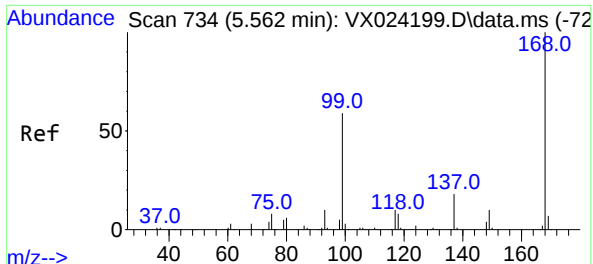
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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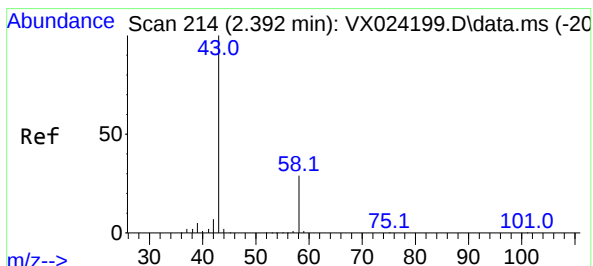
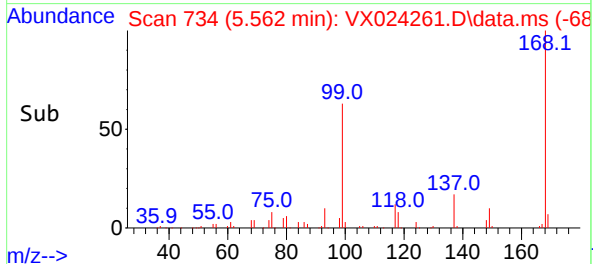
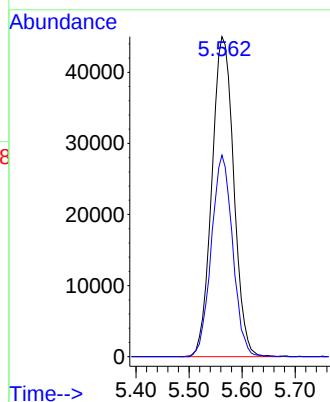
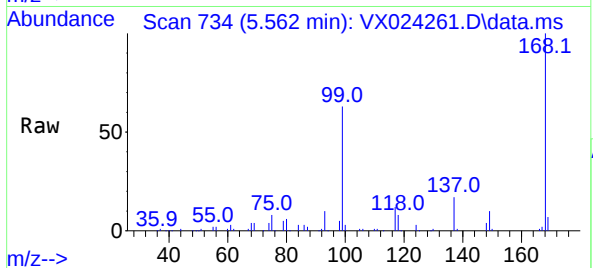




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

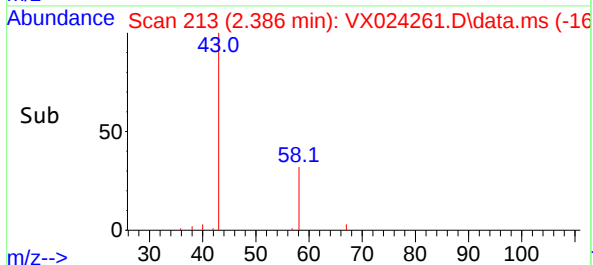
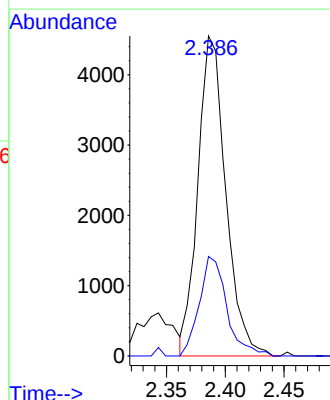
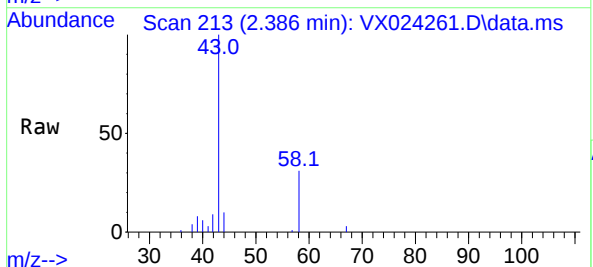
Instrument :
MSVOA_X
ClientSampleId :
33127

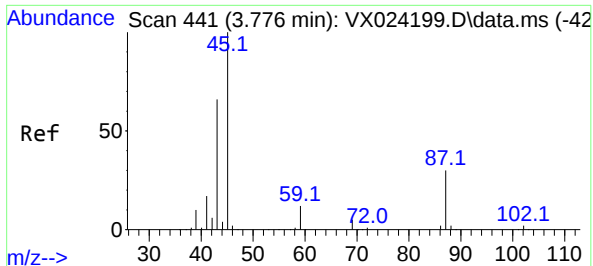
Tgt Ion:168 Resp: 128997
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#16
Acetone
Concen: 9.570 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion: 43 Resp: 7506
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8

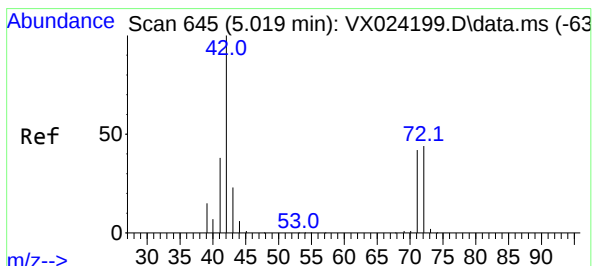
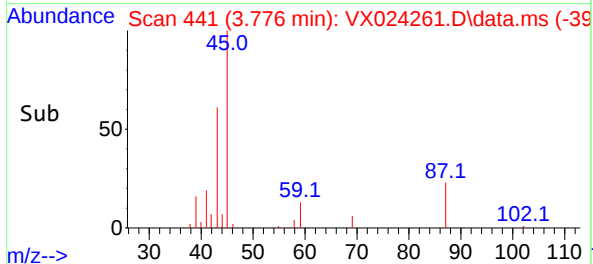
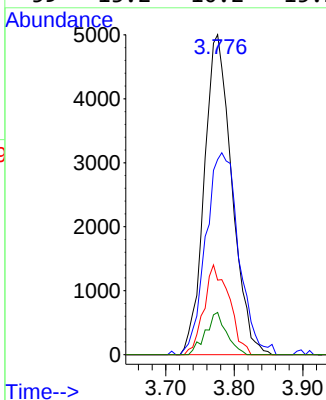
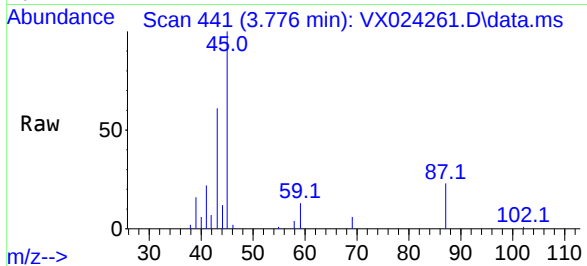




#22
Diisopropyl ether
Concen: 3.298 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

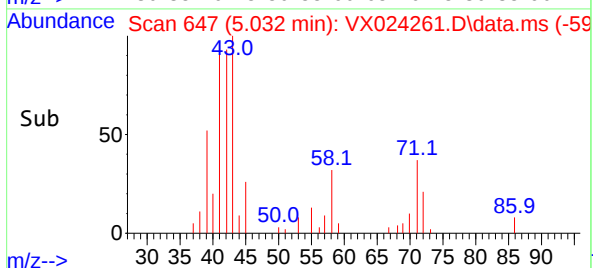
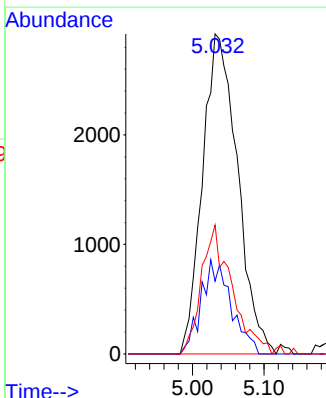
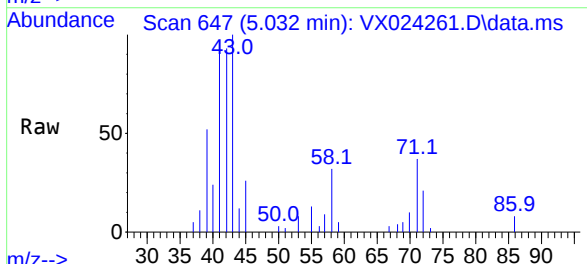
Instrument :
MSVOA_X
ClientSampleId :
33127

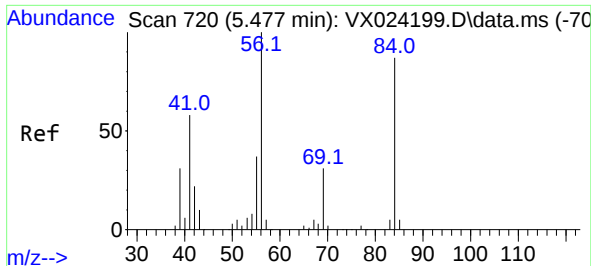
Tgt Ion:	45	Resp:	14000
Ion	Ratio	Lower	Upper
45	100		
43	61.0	58.0	87.0
87	23.3	25.4	38.0#
59	13.2	10.2	15.2



#29
Tetrahydrofuran
Concen: 13.714 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion:	42	Resp:	9916
Ion	Ratio	Lower	Upper
42	100		
72	25.1	41.7	62.5#
71	35.0	38.4	57.6#

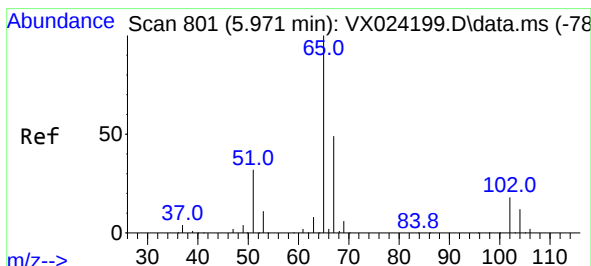
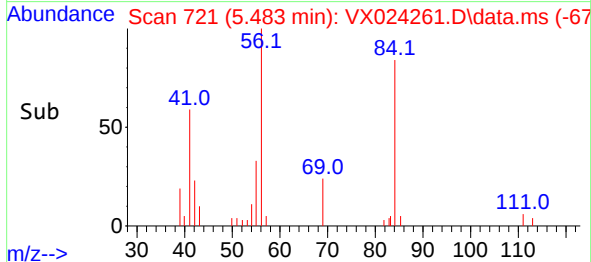
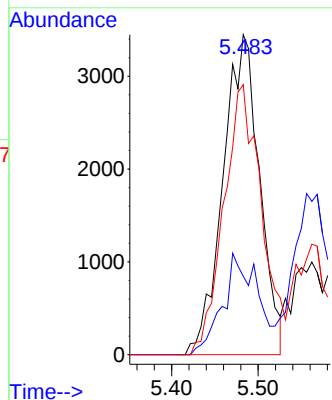
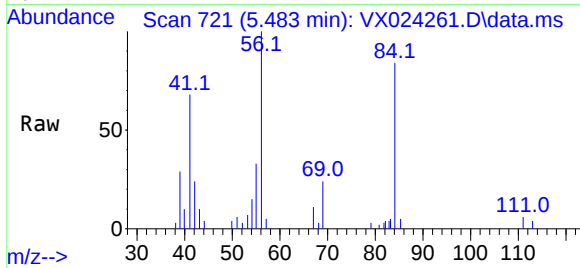




#31
Cyclohexane
Concen: 4.701 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

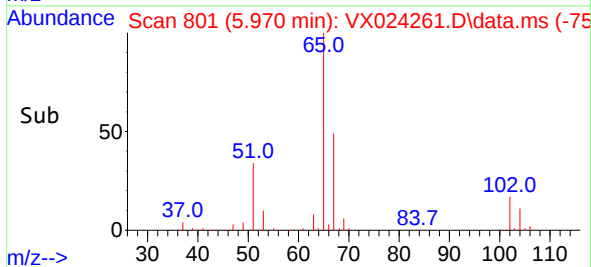
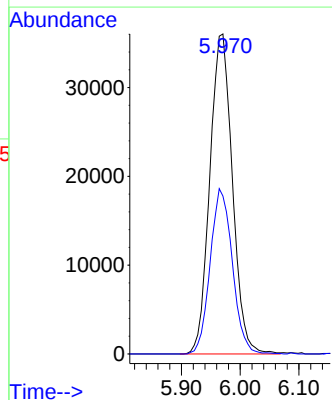
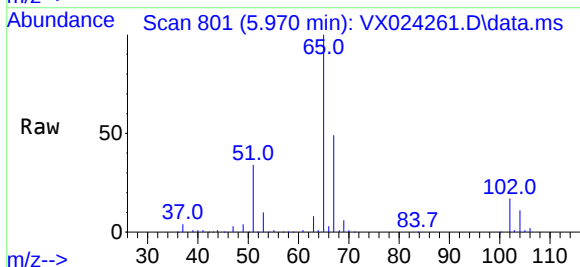
Instrument :
MSVOA_X
ClientSampled :
33127

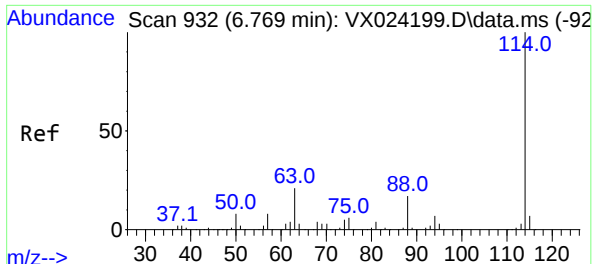
Tgt Ion: 56 Resp: 10114
Ion Ratio Lower Upper
56 100
69 24.5 25.3 37.9#
84 84.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.305 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion: 65 Resp: 96213
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

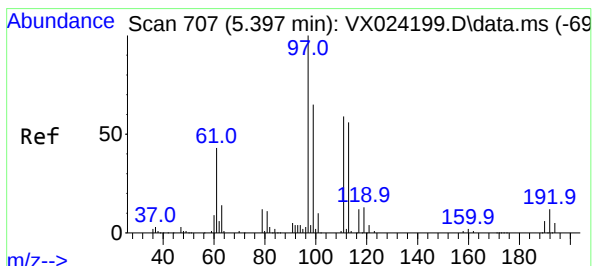
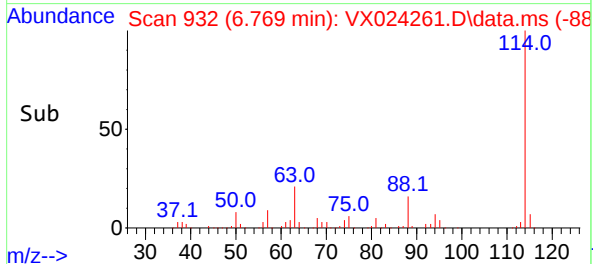
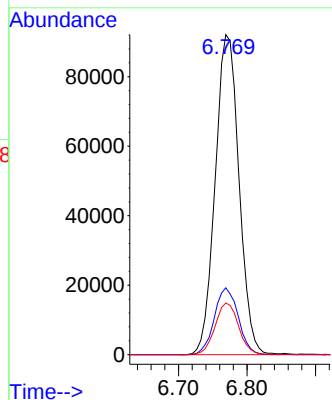
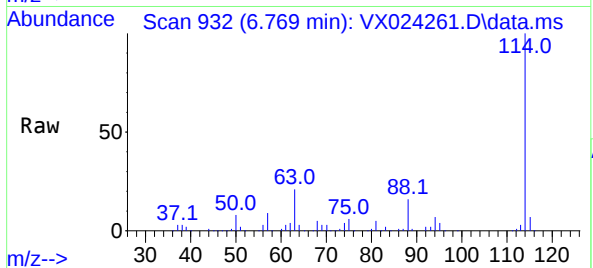




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

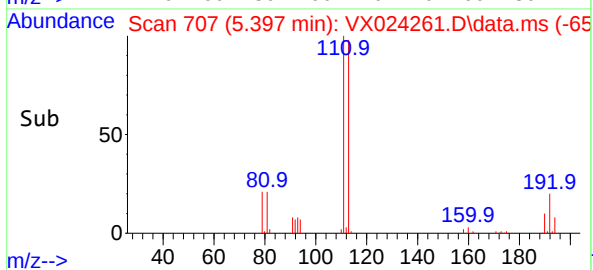
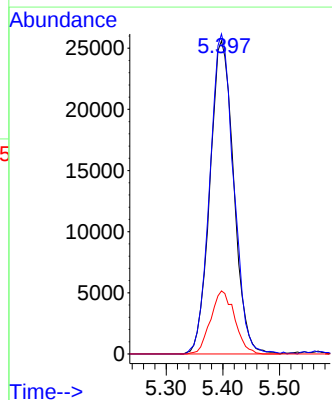
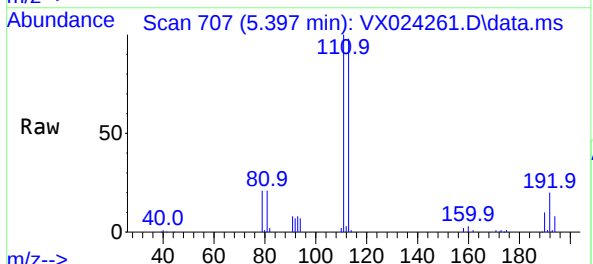
Instrument :
MSVOA_X
ClientSampleId :
33127

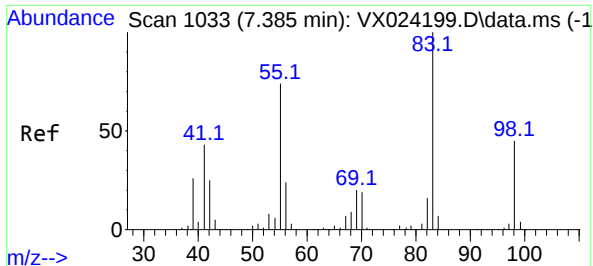
Tgt Ion:114 Resp: 221985
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.052 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion:113 Resp: 74514
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.3 16.7 25.1





#39

Methylcyclohexane

Concen: 5.591 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX024261.D

Acq: 15 Sep 2021 15:26

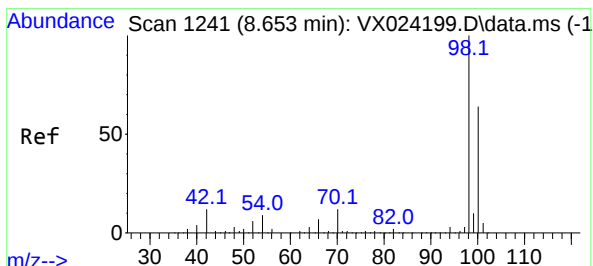
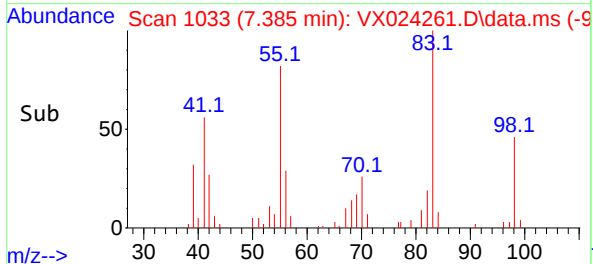
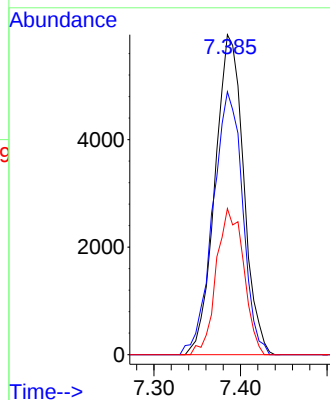
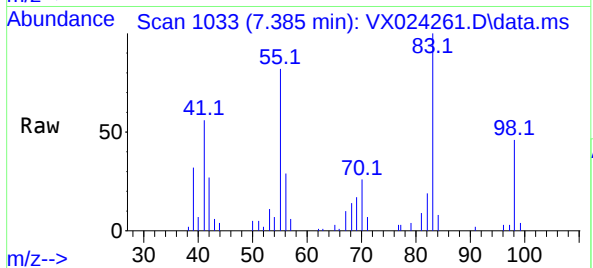
Tgt Ion: 83 Resp: 13623

Ion Ratio Lower Upper

83 100

55 82.1 58.9 88.3

98 45.7 38.1 57.1



#50

Toluene-d8

Concen: 50.001 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024261.D

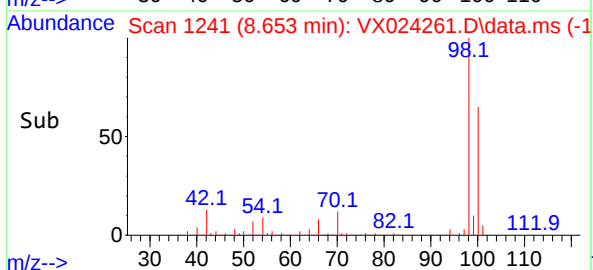
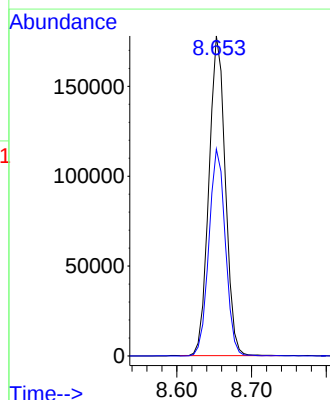
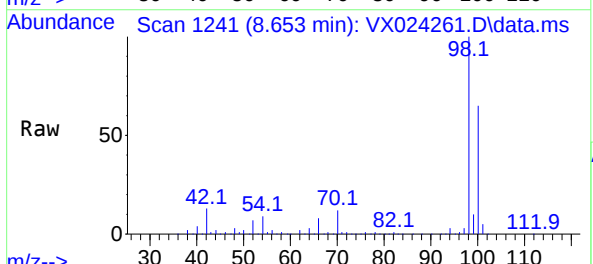
Acq: 15 Sep 2021 15:26

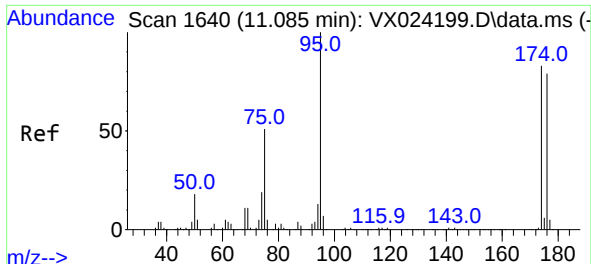
Tgt Ion: 98 Resp: 271172

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

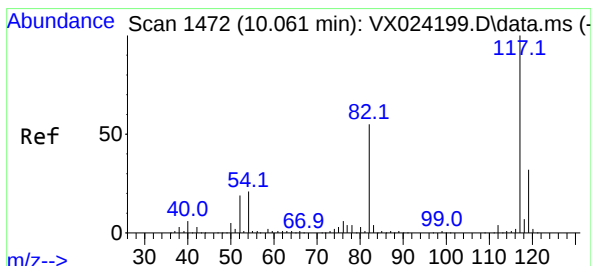
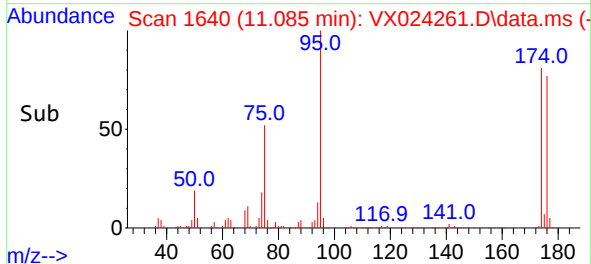
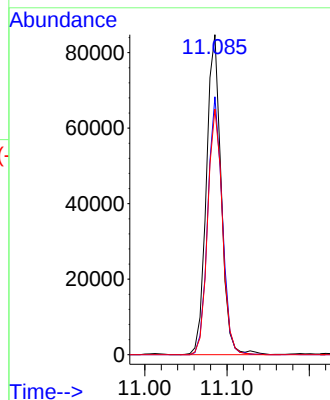
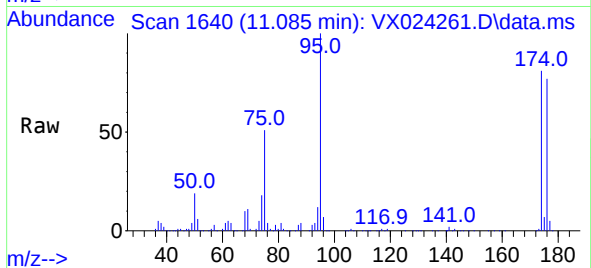




#62
4-Bromofluorobenzene
Concen: 50.186 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

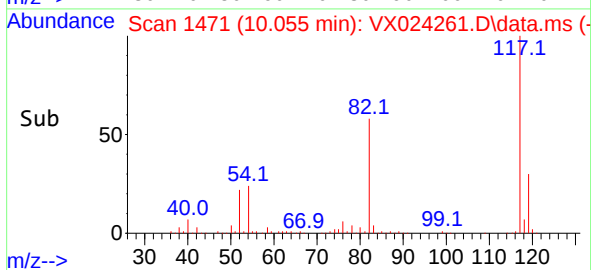
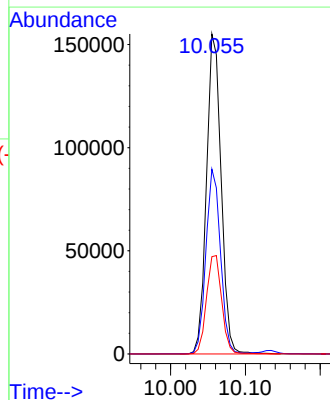
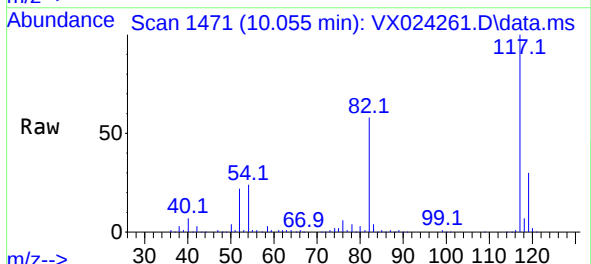
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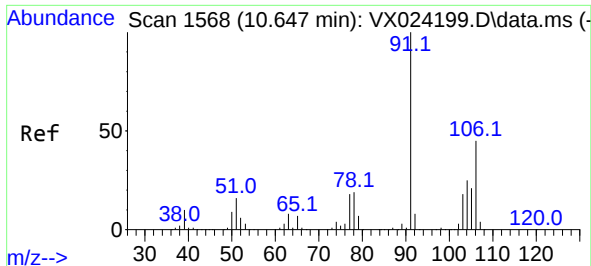
Tgt Ion: 95 Resp: 105922
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 76.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion: 117 Resp: 210981
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 30.4 26.6 39.8

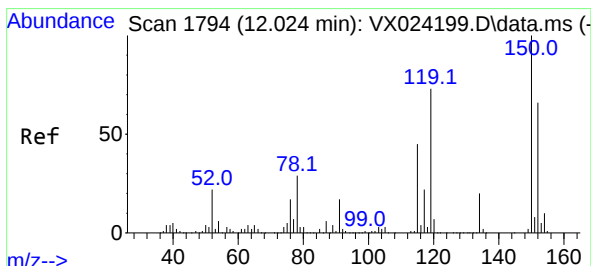
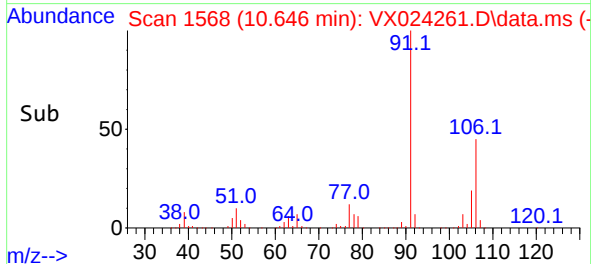
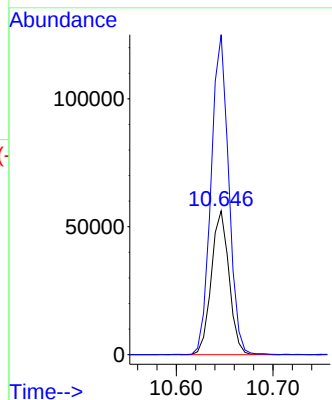
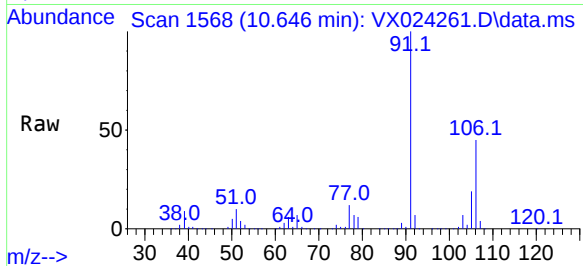




#69
o-Xylene
Concen: 24.700 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

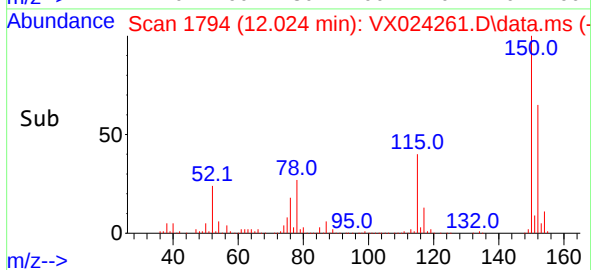
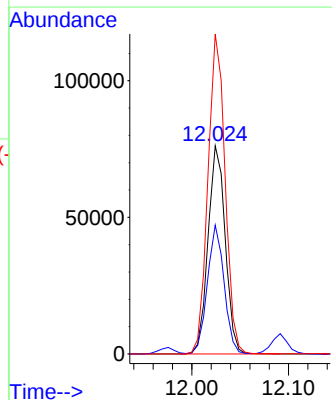
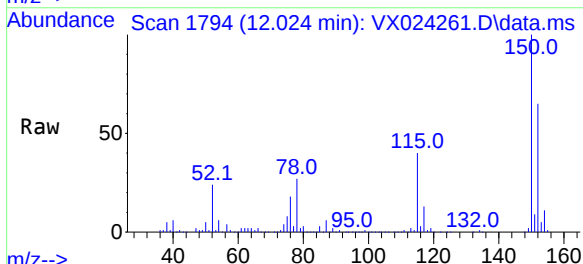
Instrument :
MSVOA_X
ClientSampleId :
33127

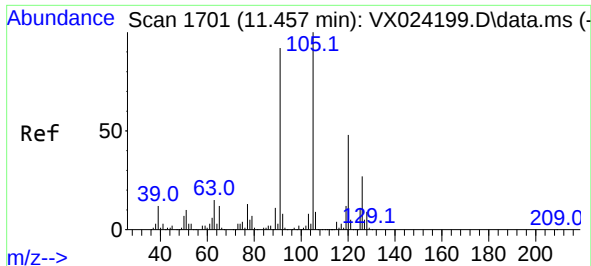
Tgt Ion:106 Resp: 71675
Ion Ratio Lower Upper
106 100
91 221.6 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion:152 Resp: 94278
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 153.5 0.0 349.0

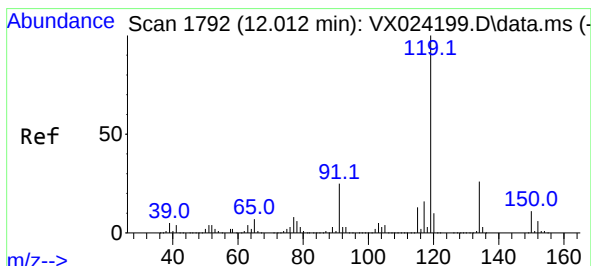
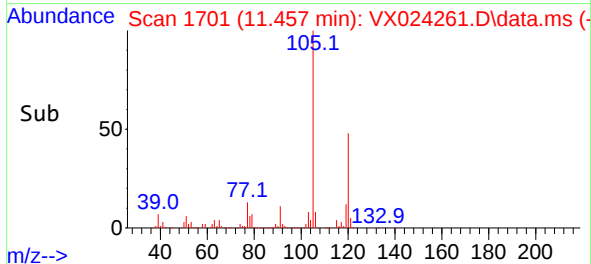
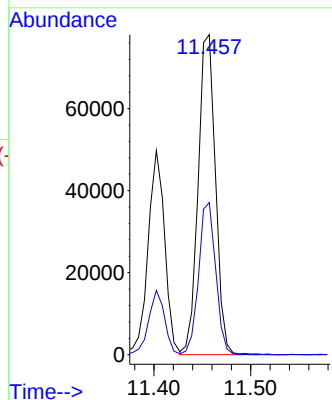
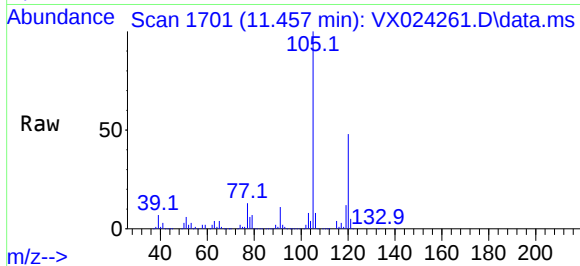




#80
1,3,5-Trimethylbenzene
Concen: 16.518 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Instrument :
MSVOA_X
ClientSampleId :
33127

Tgt Ion:105 Resp: 97749
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.5



#86
p-Isopropyltoluene
Concen: 1.420 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024261.D
Acq: 15 Sep 2021 15:26

Tgt Ion:119 Resp: 8533
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.7
91 30.8 11.7 35.0

