

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026847.D
 Acq On : 09 Feb 2022 01:38
 Operator : JC/MD
 Sample : N1425-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31377

Quant Time: Feb 09 05:20:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

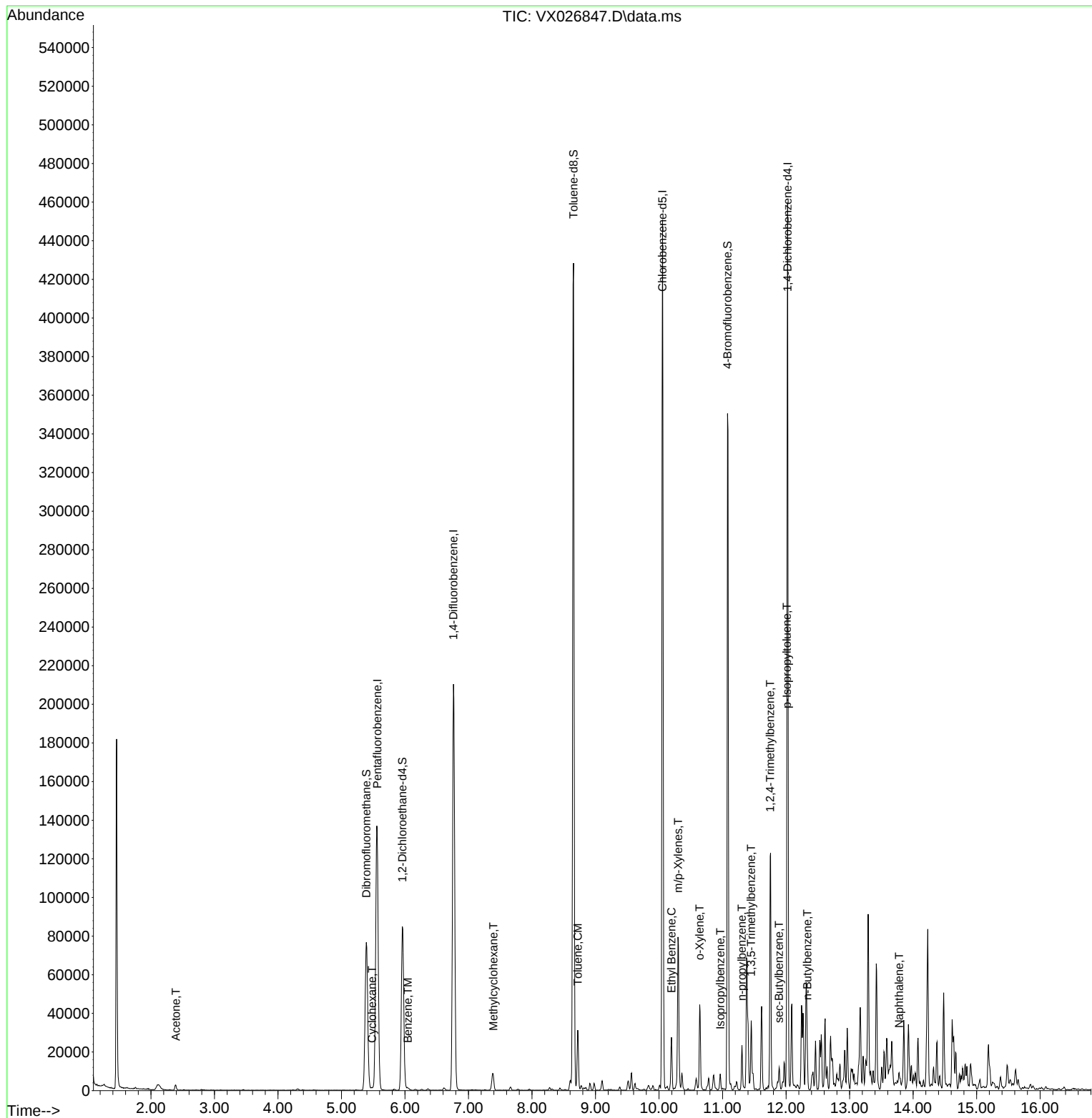
Internal Standards						
1) Pentafluorobenzene	5.562	168	130508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82532	52.682	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.360%	
35) Dibromofluoromethane	5.391	113	67435	51.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	8.653	98	256147	53.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	11.079	95	98630	58.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.560%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3176	4.616	ug/l	97
31) Cyclohexane	5.482	56	923	0.371	ug/l #	82
39) Methylcyclohexane	7.391	83	3960	1.576	ug/l	95
40) Benzene	6.043	78	1488	0.249	ug/l #	86
52) Toluene	8.720	92	11681	3.091	ug/l	99
67) Ethyl Benzene	10.195	91	14666	1.993	ug/l	100
68) m/p-Xylenes	10.299	106	18390	6.496	ug/l	97
69) o-Xylene	10.640	106	9755	3.516	ug/l	98
73) Isopropylbenzene	10.963	105	4394	0.617	ug/l	98
78) n-propylbenzene	11.305	91	13477	1.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	14690	2.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	54876	9.284	ug/l	97
85) sec-Butylbenzene	11.890	105	5813	0.821	ug/l	90
86) p-Isopropyltoluene	12.012	119	3306	0.551	ug/l	91
89) n-Butylbenzene	12.335	91	10608	2.162	ug/l #	51
95) Naphthalene	13.780	128	5009	0.757	ug/l #	89

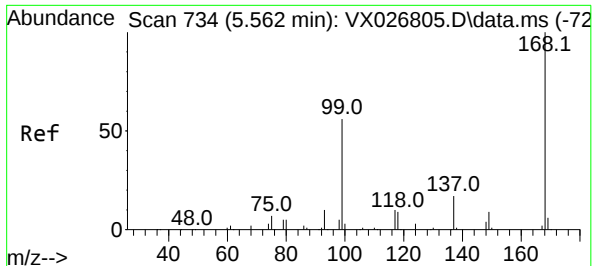
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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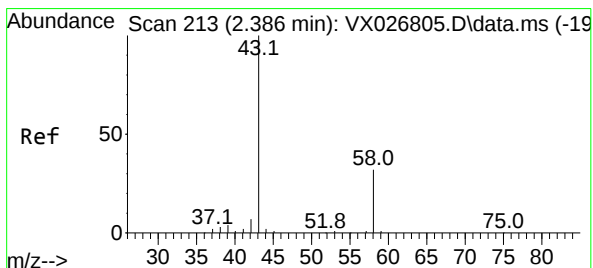
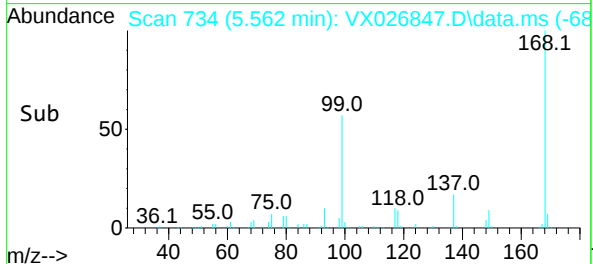
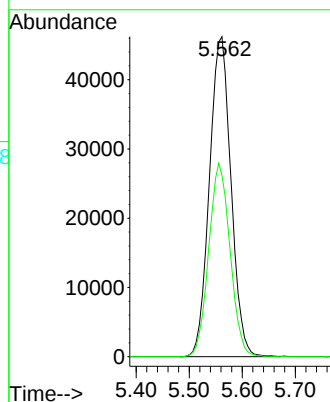
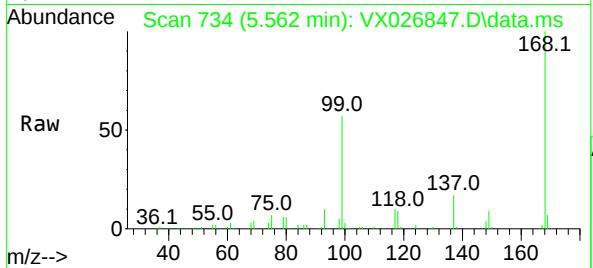




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

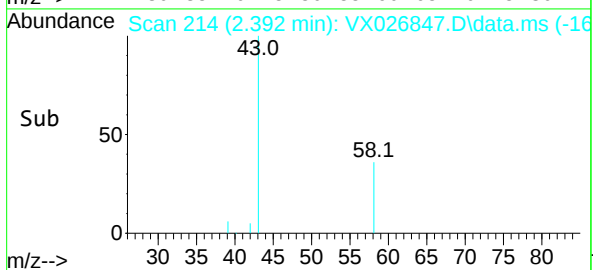
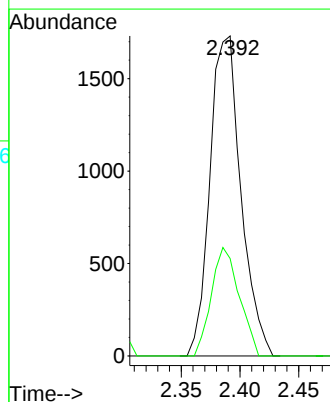
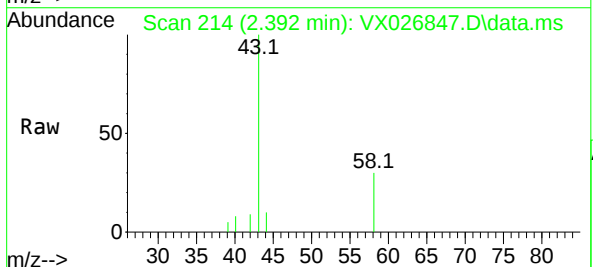
Instrument :
MSVOA_X
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31377

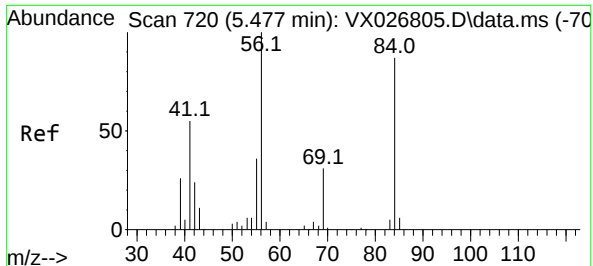
Tgt Ion:168 Resp: 130508
Ion Ratio Lower Upper
168 100
99 56.6 50.3 75.5



#16
Acetone
Concen: 4.616 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
58 30.4 23.0 34.6

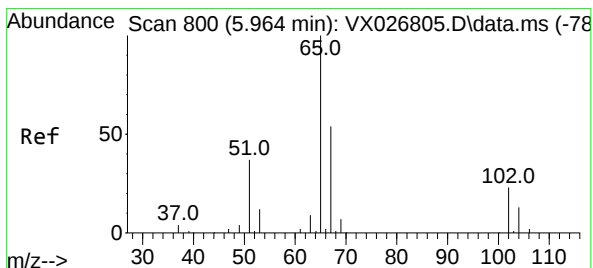
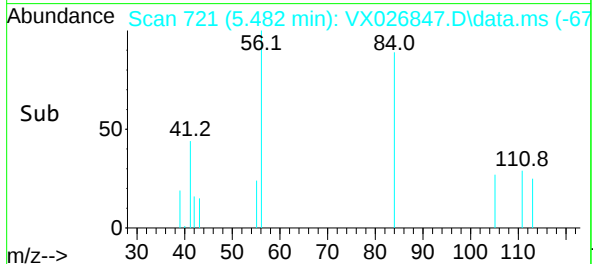
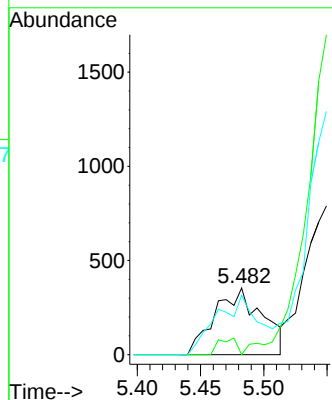
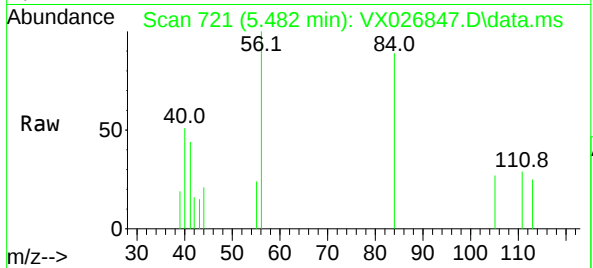




#31
Cyclohexane
Concen: 0.371 ug/l
RT: 5.482 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

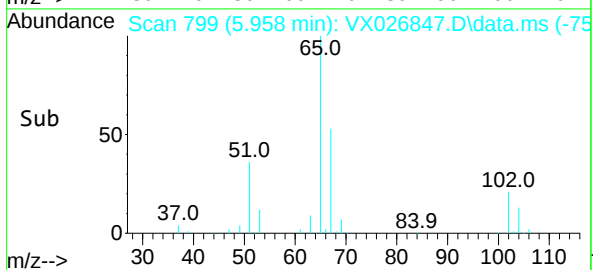
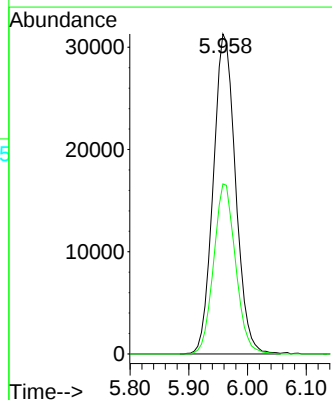
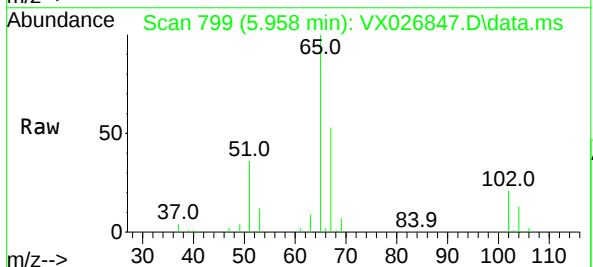
Instrument :
MSVOA_X
ClientSampleId :
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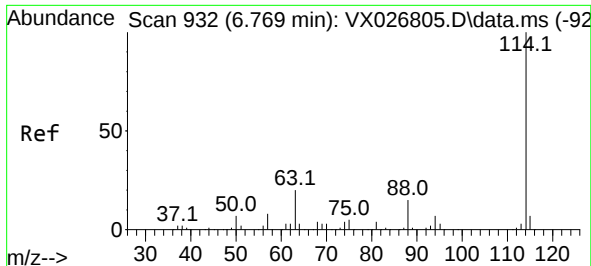
Tgt Ion: 56 Resp: 923
Ion Ratio Lower Upper
56 100
69 0.0 25.8 38.6#
84 89.0 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 52.682 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion: 65 Resp: 82532
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.8

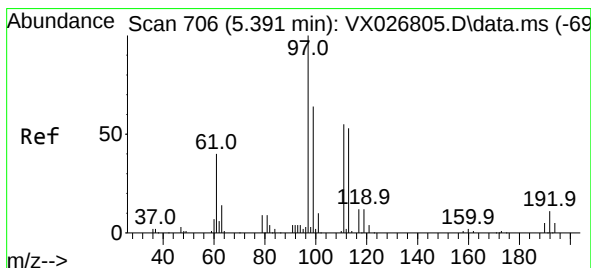
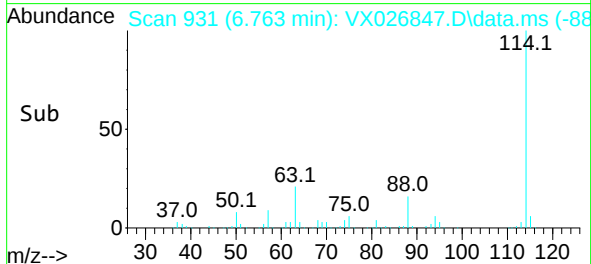
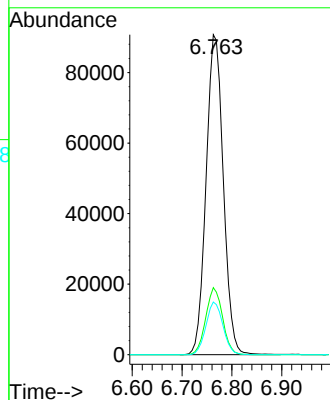
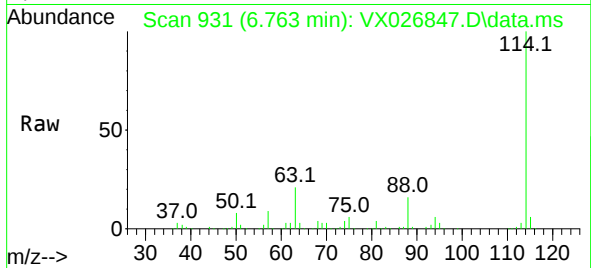




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

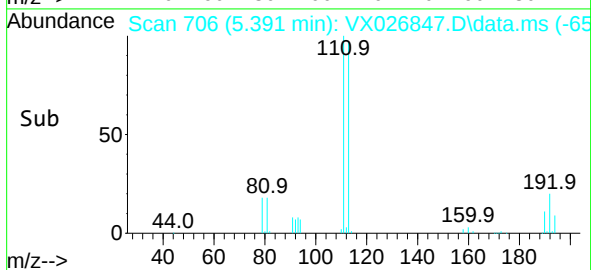
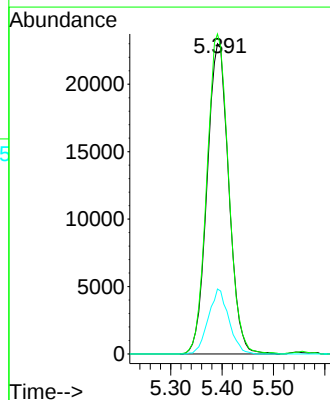
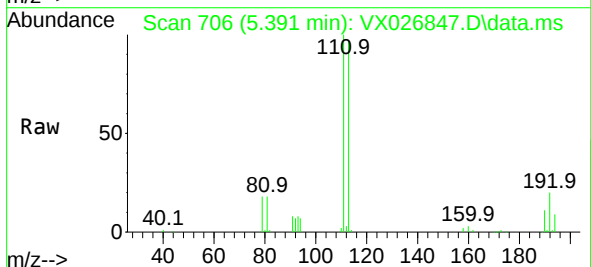
Instrument :
MSVOA_X
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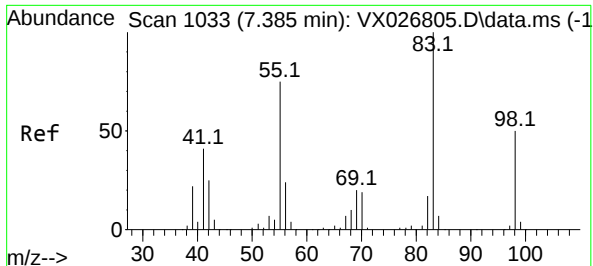
Tgt Ion:114 Resp: 217935
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion:113 Resp: 67435
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.7 15.0 22.4

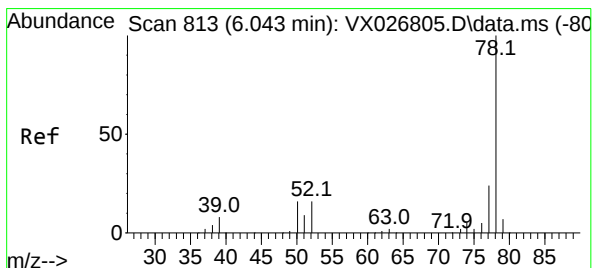
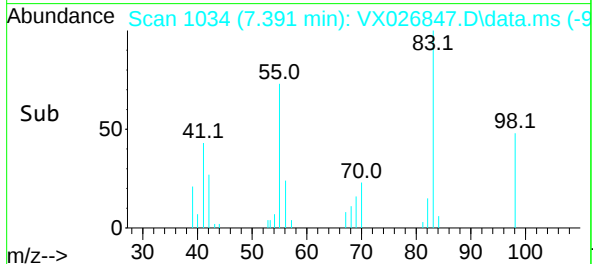
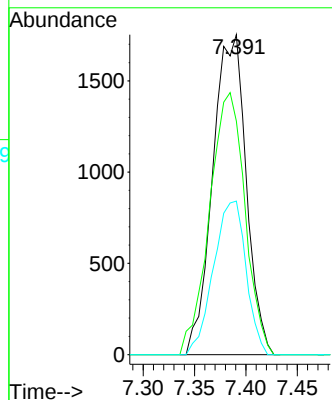
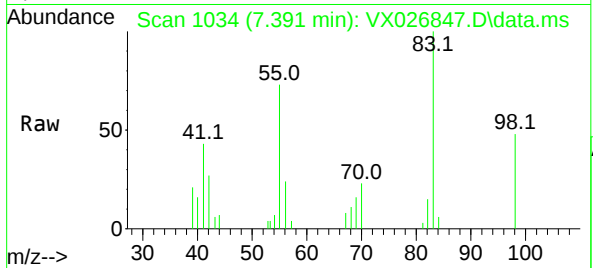




#39
Methylcyclohexane
Concen: 1.576 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

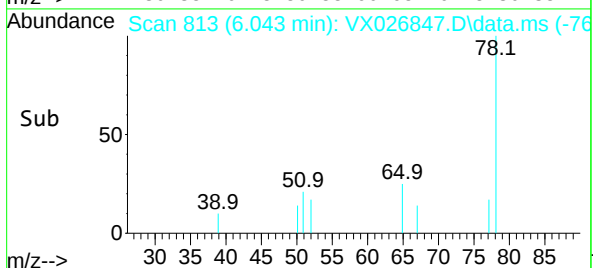
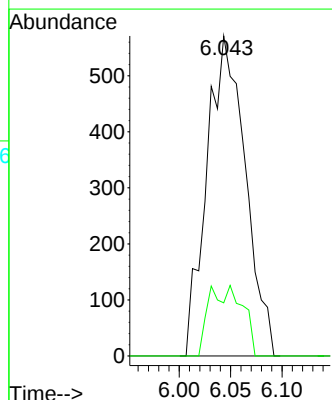
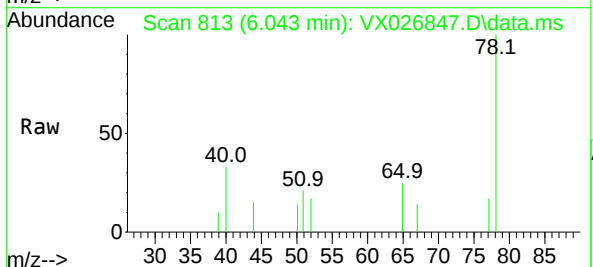
Instrument :
MSVOA_X
ClientSampleId :
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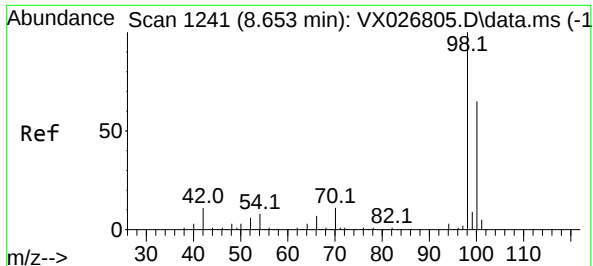
Tgt Ion: 83 Resp: 3960
Ion Ratio Lower Upper
83 100
55 73.0 63.6 95.4
98 48.0 38.4 57.6



#40
Benzene
Concen: 0.249 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion: 78 Resp: 1488
Ion Ratio Lower Upper
78 100
77 16.6 18.9 28.3#

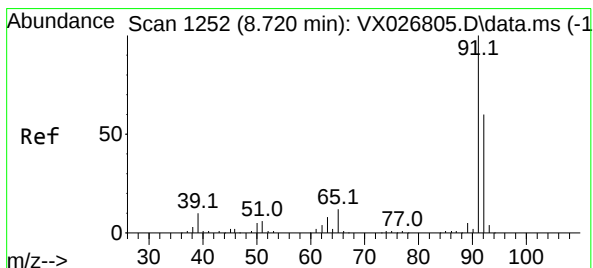
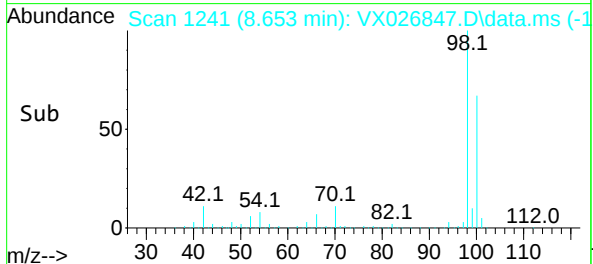
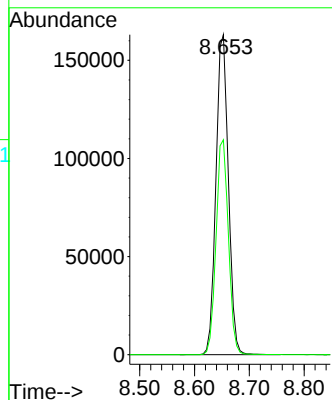
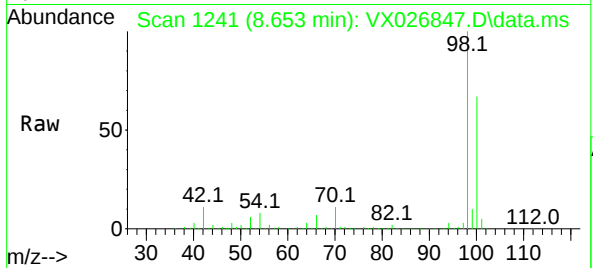




#50
Toluene-d8
Concen: 53.743 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

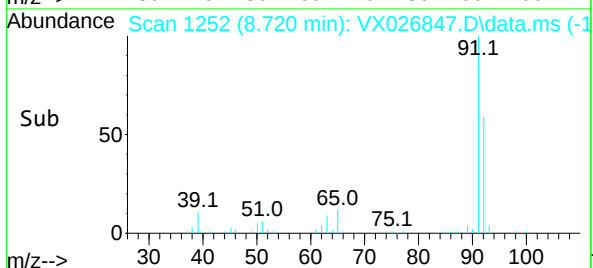
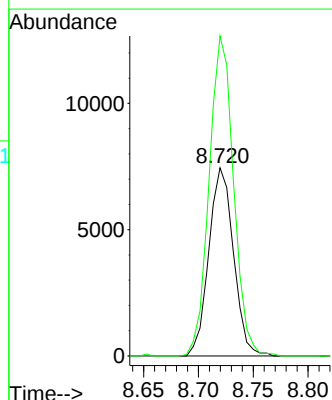
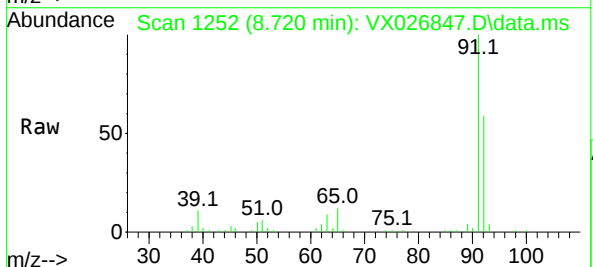
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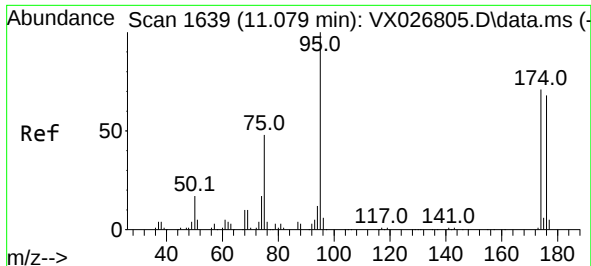
Tgt Ion: 98 Resp: 256147
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#52
Toluene
Concen: 3.091 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion: 92 Resp: 11681
Ion Ratio Lower Upper
92 100
91 168.3 135.7 203.5

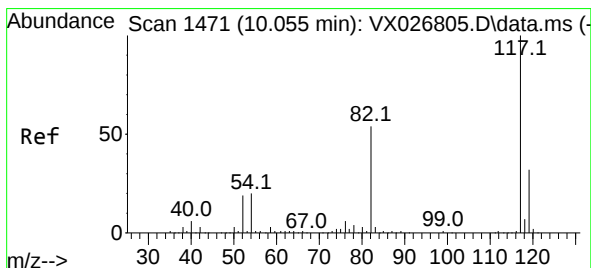
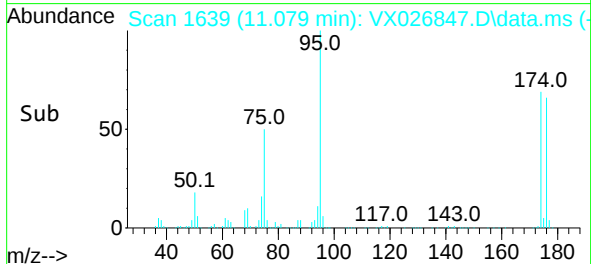
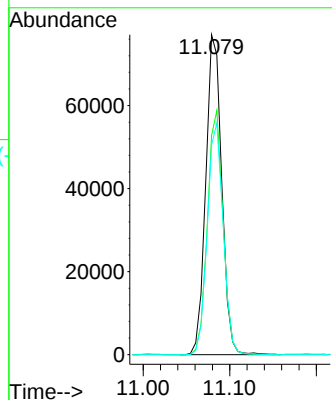
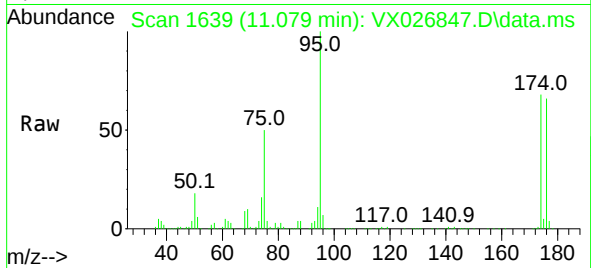




#62
4-Bromofluorobenzene
Concen: 58.779 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

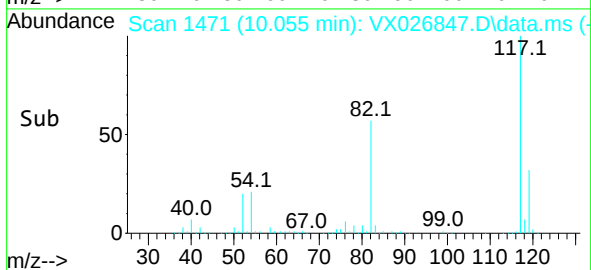
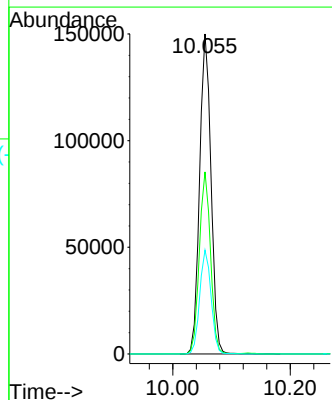
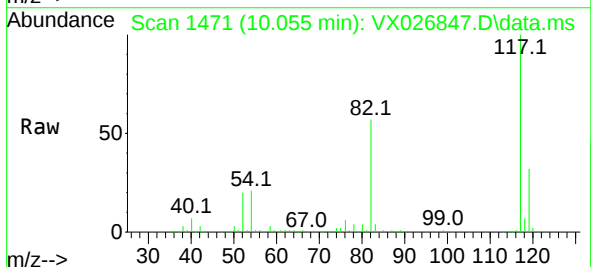
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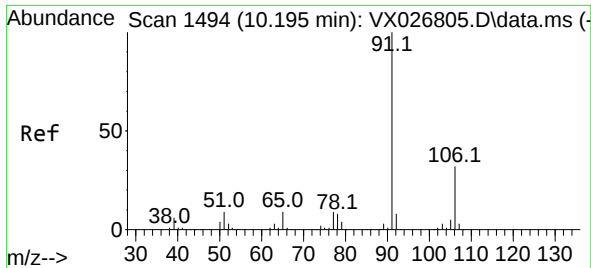
Tgt Ion: 95 Resp: 98630
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 72.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion: 117 Resp: 201032
Ion Ratio Lower Upper
117 100
82 56.9 45.2 67.8
119 32.5 26.2 39.2

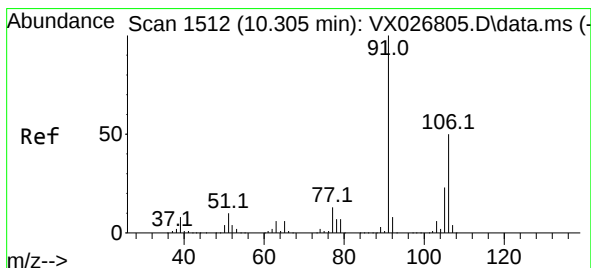
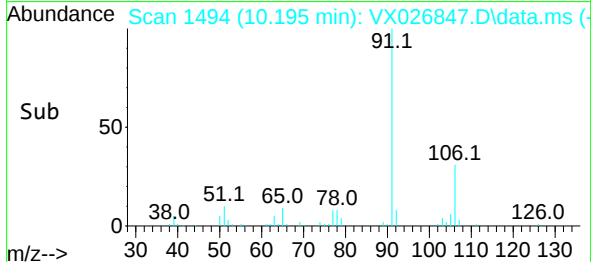
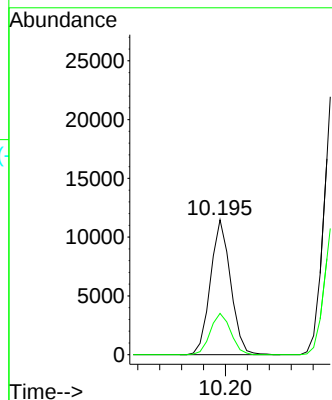
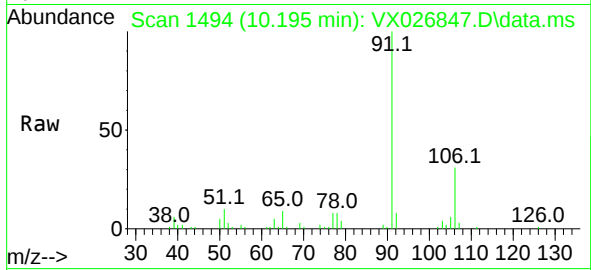




#67
Ethyl Benzene
Concen: 1.993 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

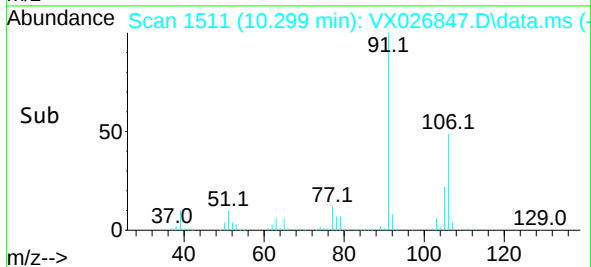
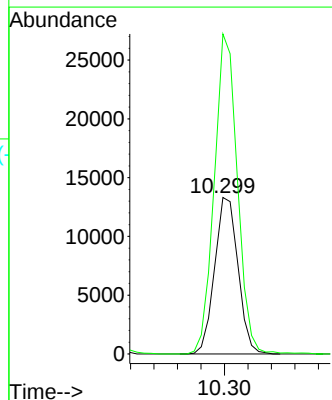
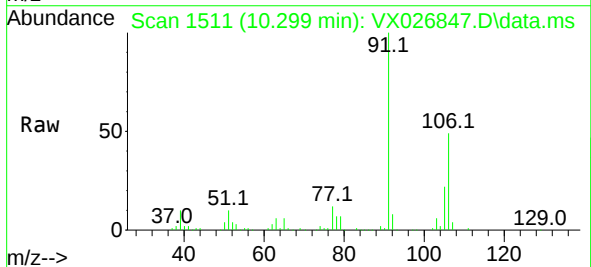
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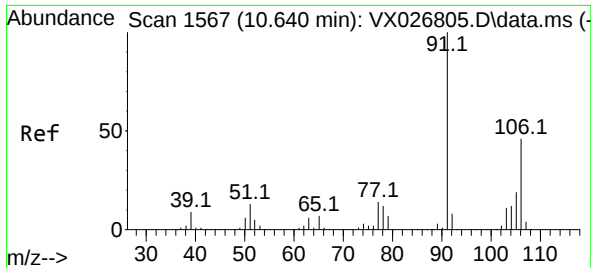
Tgt Ion: 91 Resp: 14666
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 6.496 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion: 106 Resp: 18390
Ion Ratio Lower Upper
106 100
91 202.6 165.3 247.9

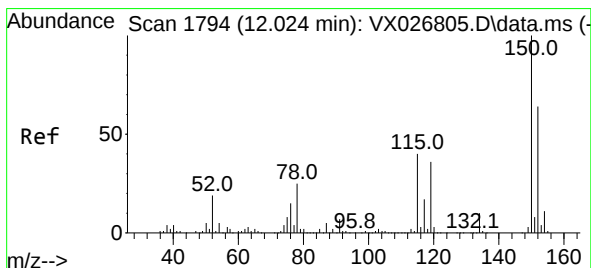
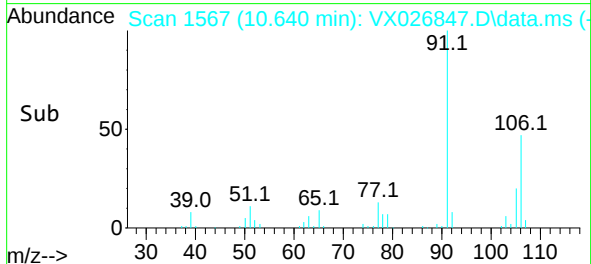
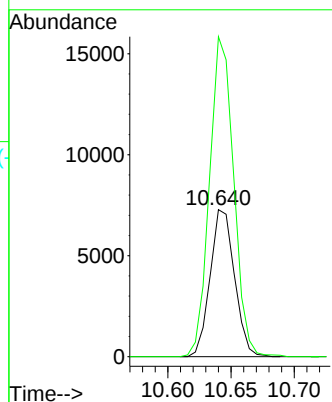
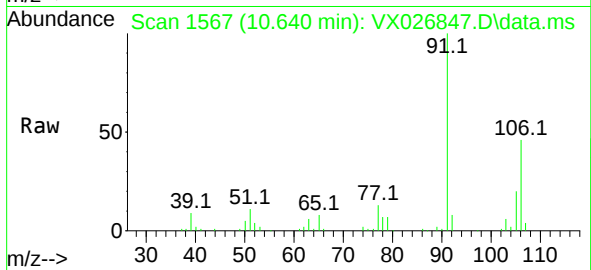




#69
o-Xylene
Concen: 3.516 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

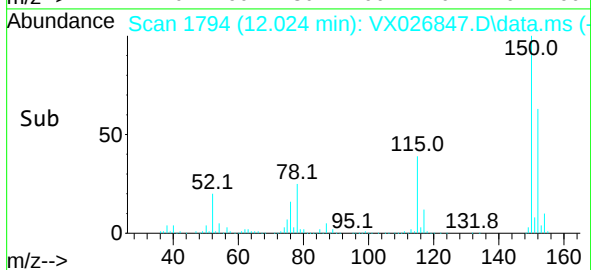
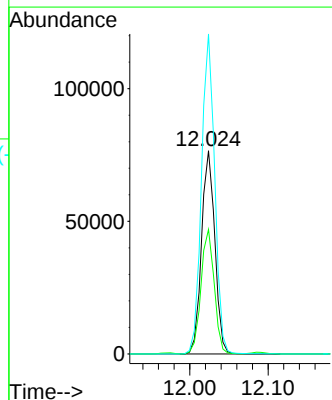
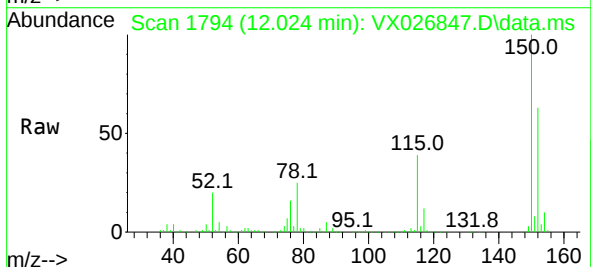
Instrument :
MSVOA_X
ClientSampleId :
31377

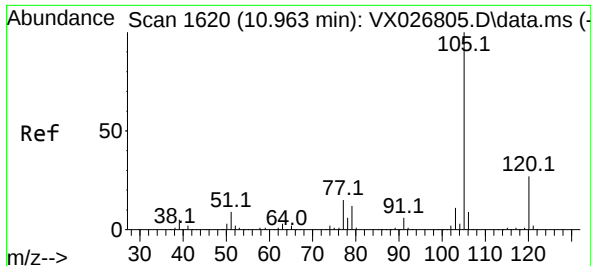
Tgt Ion:106 Resp: 9755
Ion Ratio Lower Upper
106 100
91 216.2 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion:152 Resp: 90398
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 156.5 0.0 348.2

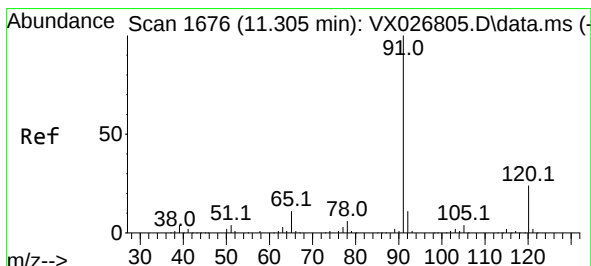
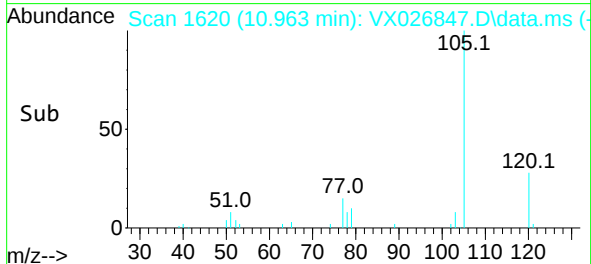
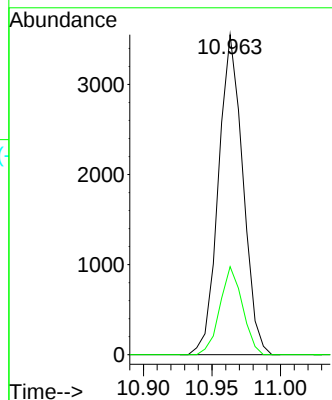
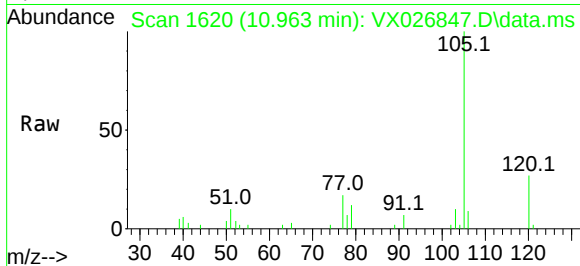




#73
Isopropylbenzene
Concen: 0.617 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

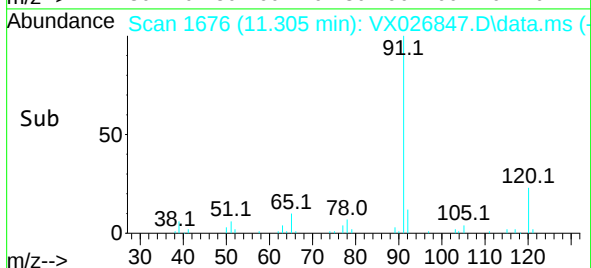
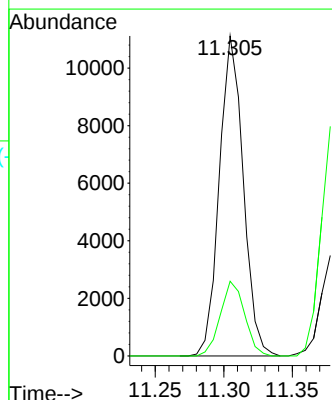
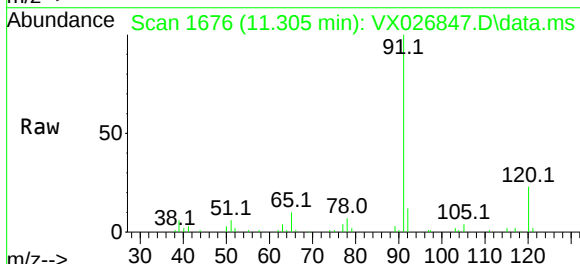
Instrument :
MSVOA_X
ClientSampleId :
31377

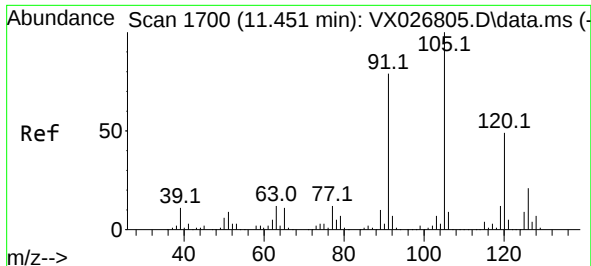
Tgt Ion:105 Resp: 4394
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1



#78
n-propylbenzene
Concen: 1.707 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

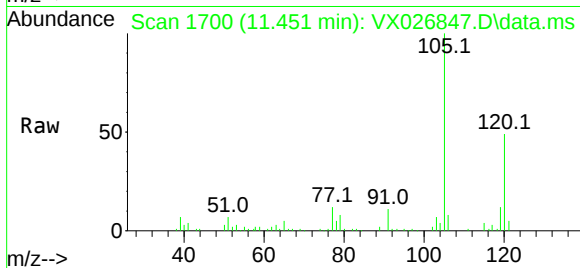
Tgt Ion: 91 Resp: 13477
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.7



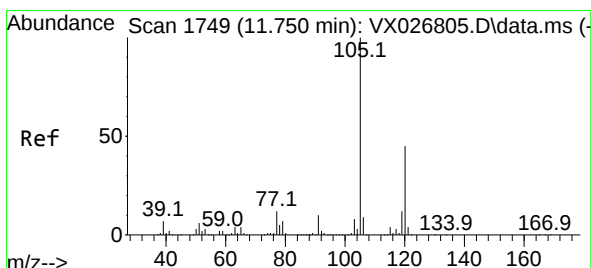
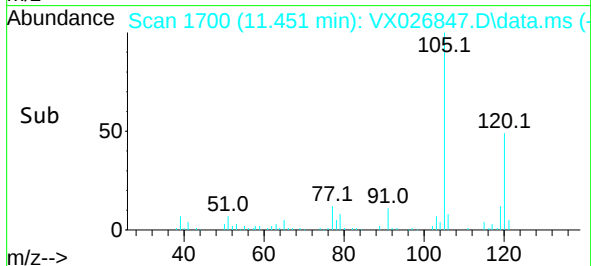
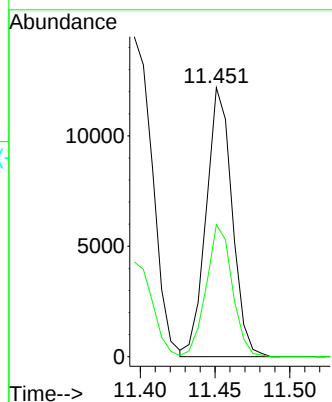


#80
1,3,5-Trimethylbenzene
Concen: 2.507 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Instrument :
MSVOA_X
ClientSampleId :
31377

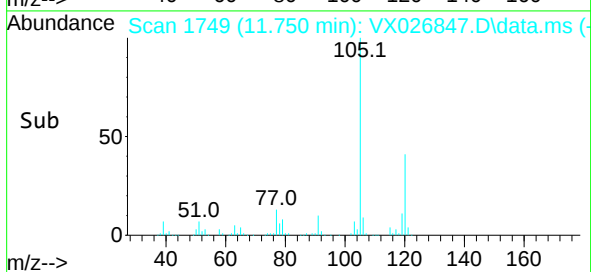
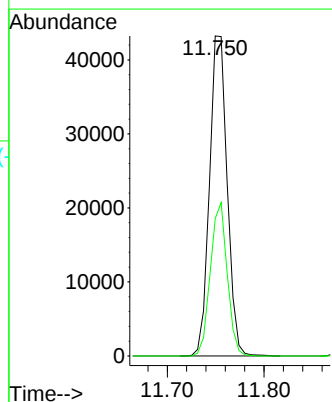
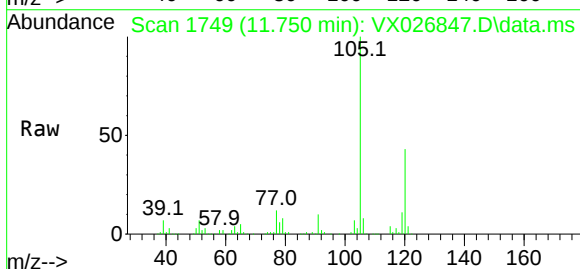


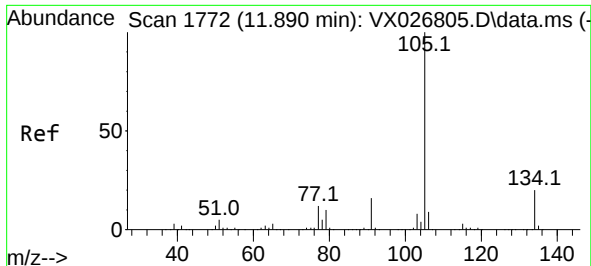
Tgt Ion:105 Resp: 14690
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 9.284 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX026847.D
Acq: 09 Feb 2022 01:38

Tgt Ion:105 Resp: 54876
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5

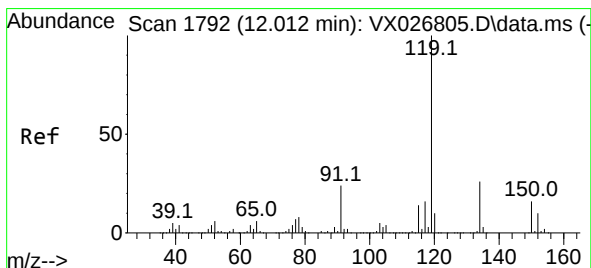
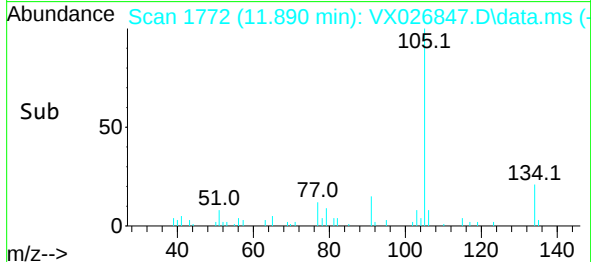
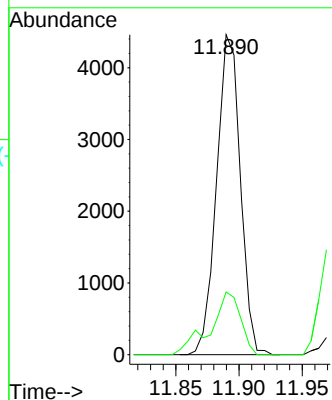
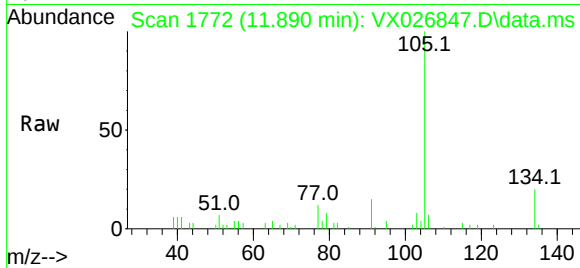




#85
 sec-Butylbenzene
 Concen: 0.821 ug/l
 RT: 11.890 min Scan# 1172
 Delta R.T. -0.000 min
 Lab File: VX026847.D
 Acq: 09 Feb 2022 01:38

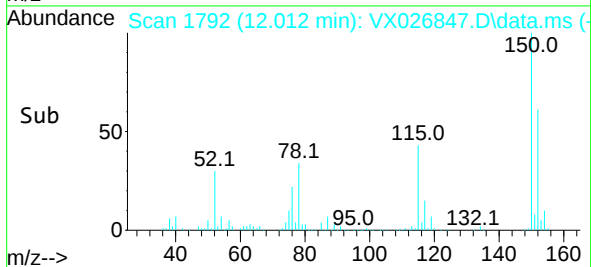
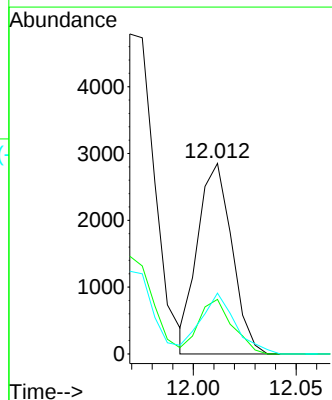
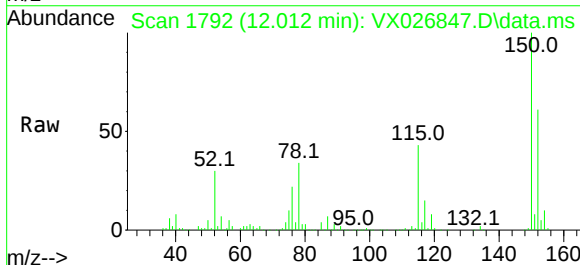
Instrument :
 MSVOA_X
 ClientSampleId :
 31377

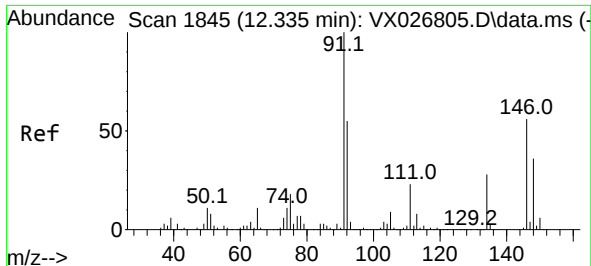
Tgt Ion:105 Resp: 5813
 Ion Ratio Lower Upper
 105 100
 134 24.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.551 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX026847.D
 Acq: 09 Feb 2022 01:38

Tgt Ion:119 Resp: 3306
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.0 39.0
 91 32.4 12.6 37.6





#89

n-Butylbenzene

Concen: 2.162 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX026847.D

Acq: 09 Feb 2022 01:38

Instrument :

MSVOA_X

ClientSampleId :

31377

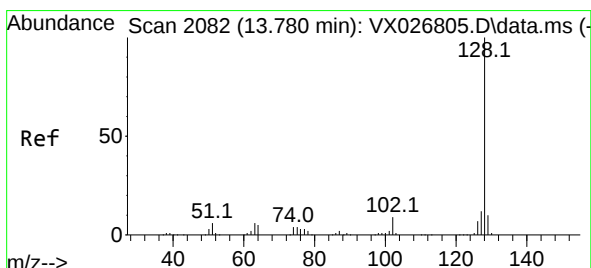
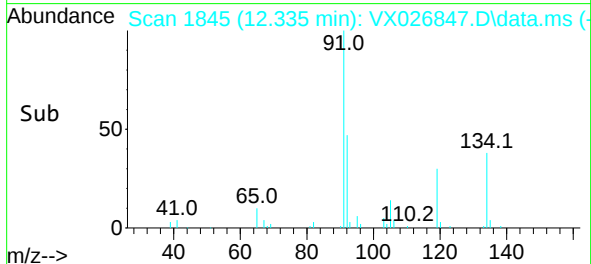
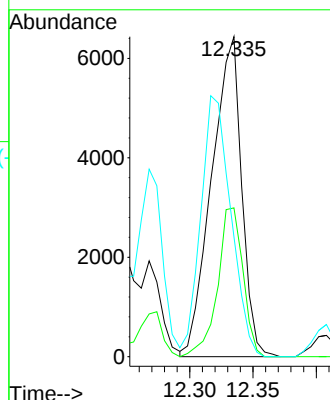
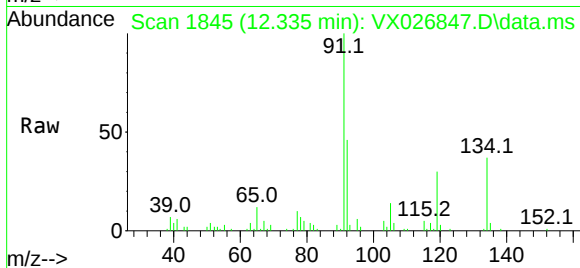
Tgt Ion: 91 Resp: 10608

Ion Ratio Lower Upper

91 100

92 39.3 27.2 81.6

134 81.7 13.1 39.1#



#95

Naphthalene

Concen: 0.757 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX026847.D

Acq: 09 Feb 2022 01:38

Tgt Ion: 128 Resp: 5009

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 18.0 8.7 13.1#

