

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024606.D
 Acq On : 06 Oct 2021 06:06
 Operator : JC/MD
 Sample : M3960-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAMB-MW12-GW

Manual Integrations
 APPROVED

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 10/6/2021 7:04:03 PM

Quant Time: Oct 06 06:55:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	164195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108419	46.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.70%		
35) Dibromofluoromethane	5.397	113	90651	48.18	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.36%		
50) Toluene-d8	8.653	98	302648	43.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.40%#		
62) 4-Bromofluorobenzene	11.085	95	130282	47.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.68%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	16930	7.50	ug/l	95
25) 2-Butanone	4.574	43	9882	6.20	ug/l #	88
31) Cyclohexane	5.477	56	68189	24.61	ug/l	98
39) Methylcyclohexane	7.385	83	45429	14.29	ug/l	96
40) Benzene	6.044	78	975530	125.64	ug/l	99
42) 1,2-Dichloroethane	6.092	62	9203	2.82	ug/l	99
52) Toluene	8.720	92	248697	49.58	ug/l	98
67) Ethyl Benzene	10.195	91	2330325	233.36	ug/l	97
68) m/p-Xylenes	10.305	106	655606	171.21	ug/l	99
69) o-Xylene	10.646	106	223213	58.95	ug/l	97
73) Isopropylbenzene	10.963	105	81905	9.77	ug/l	99
78) n-propylbenzene	11.305	91	194145	19.81	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	873847	121.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1449472	203.50	ug/l	99
86) p-Isopropyltoluene	12.012	119	11061m	1.47	ug/l	
95) Naphthalene	13.780	128	357842	43.22	ug/l	100

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

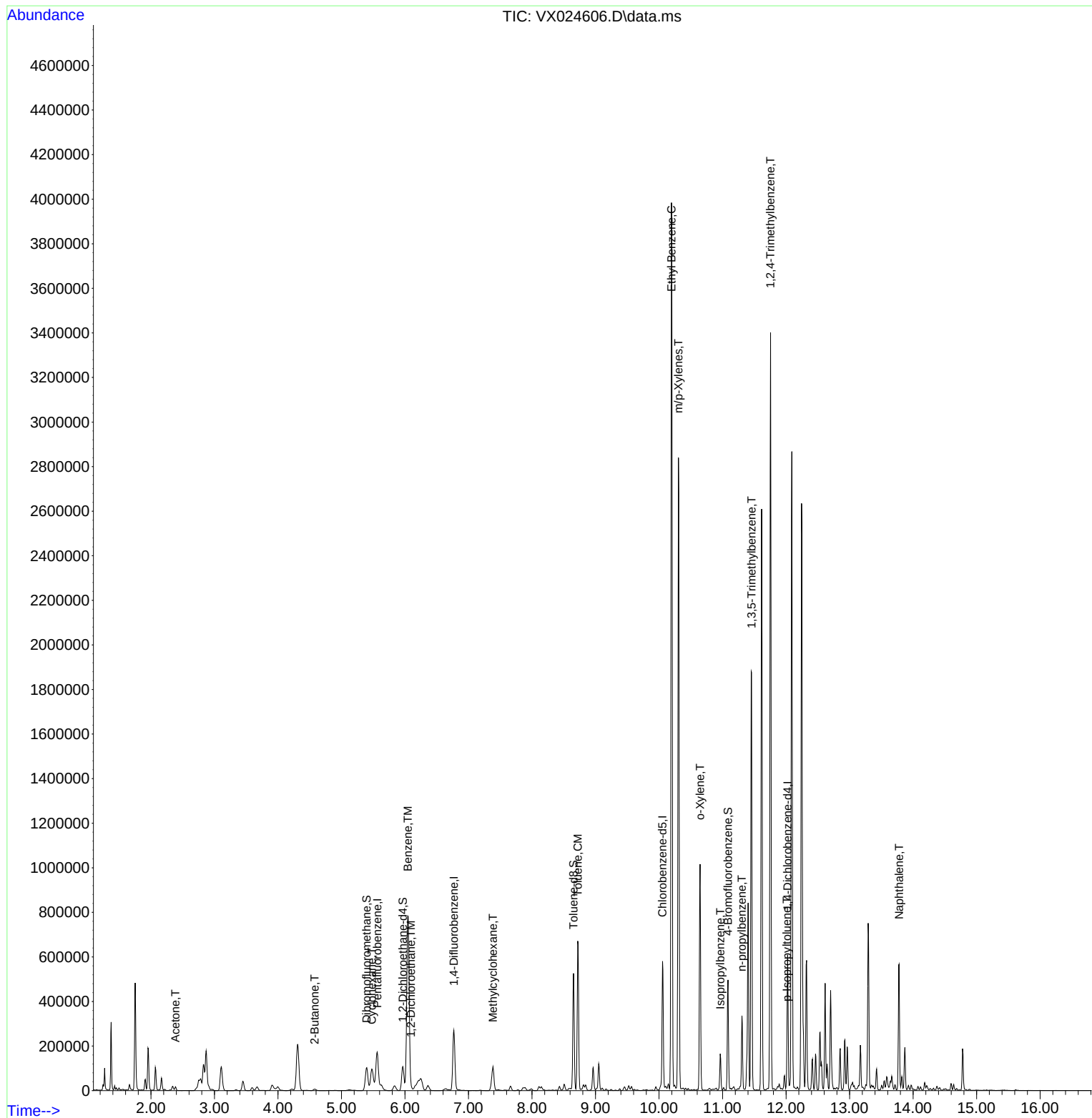
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
Data File : VX024606.D
Acq On : 06 Oct 2021 06:06
Operator : JC/MD
Sample : M3960-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

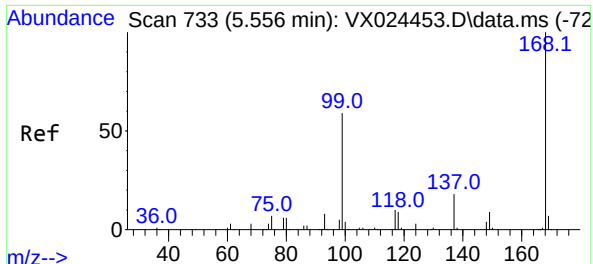
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

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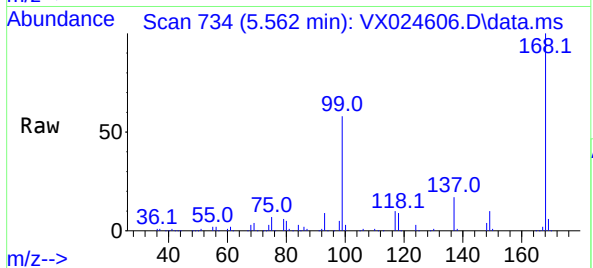
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Quant Time: Oct 06 06:55:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

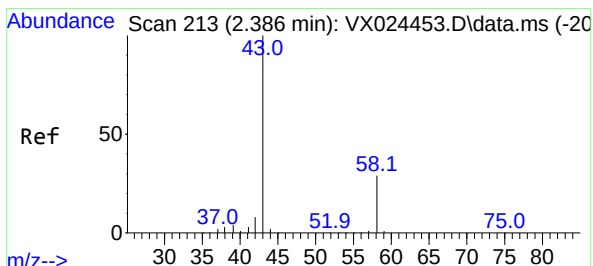
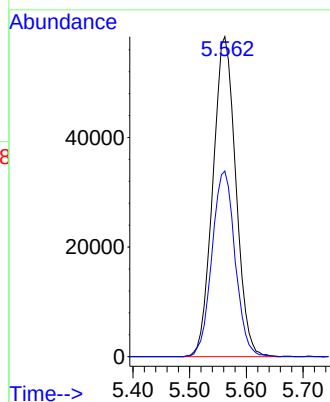
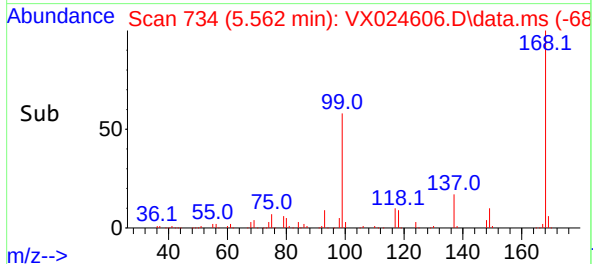




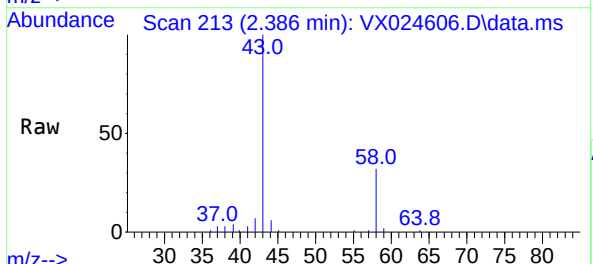
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06



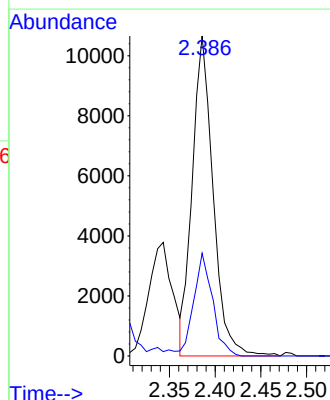
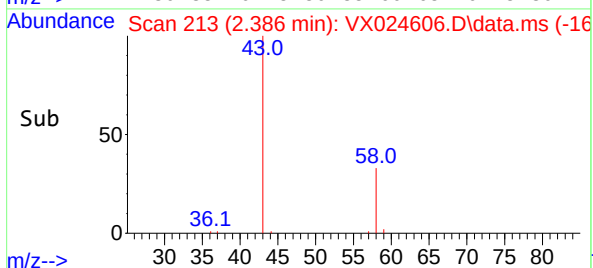
Tgt Ion:168 Resp: 164195
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#16
Acetone
Concen: 7.50 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06



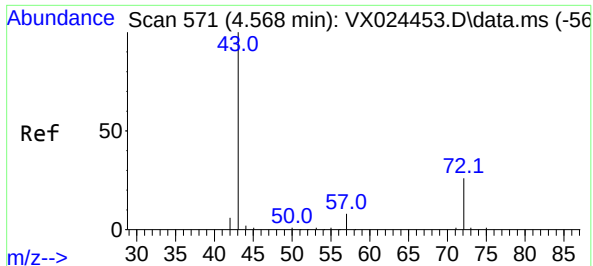
Tgt Ion: 43 Resp: 16930
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8



Instrument :
MSVOA_X
ClientSampleId :
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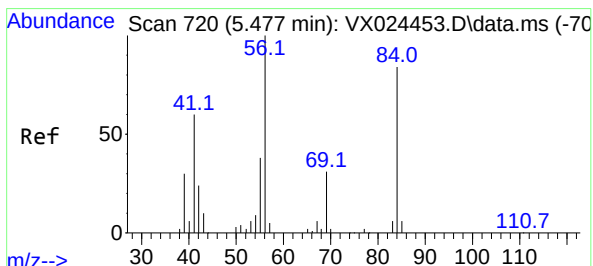
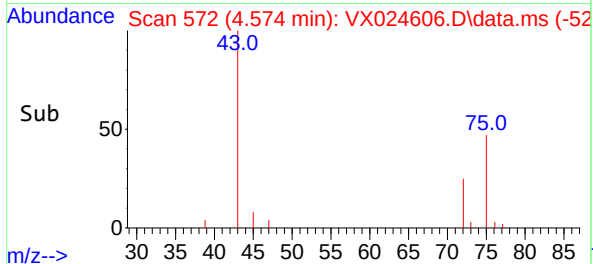
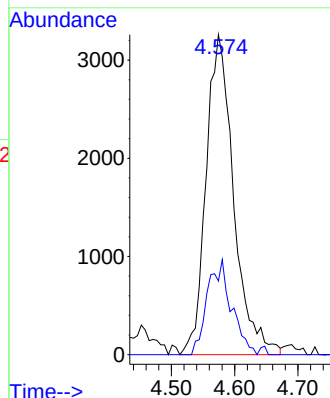
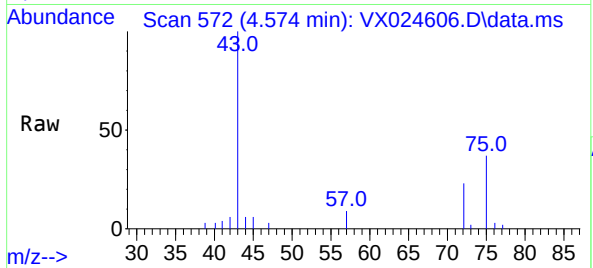
#25
2-Butanone
Concen: 6.20 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

Tgt Ion: 43 Resp: 9882
Ion Ratio Lower Upper
43 100
72 23.0 23.7 35.5#

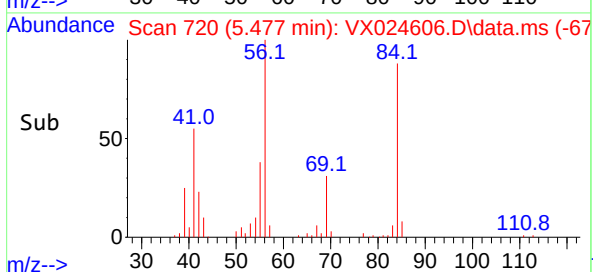
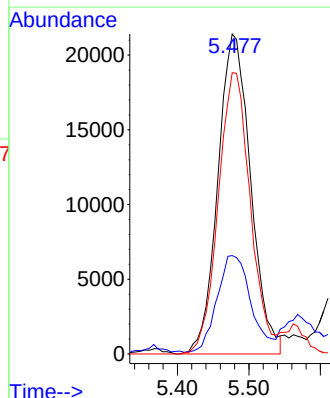
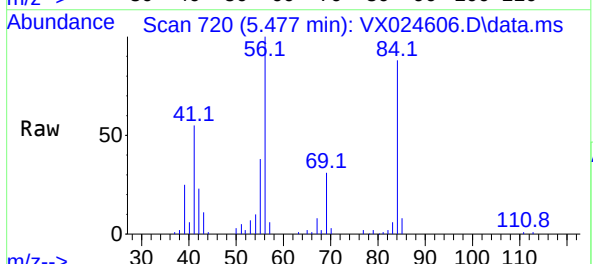
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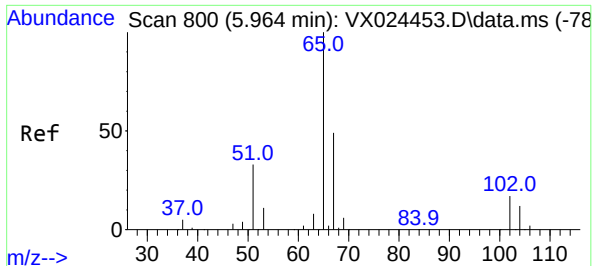
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#31
Cyclohexane
Concen: 24.61 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 56 Resp: 68189
Ion Ratio Lower Upper
56 100
69 29.9 25.3 37.9
84 87.9 71.4 107.0





#33

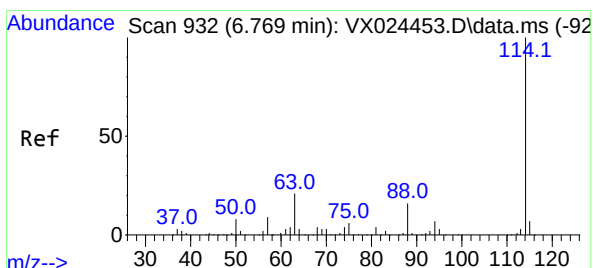
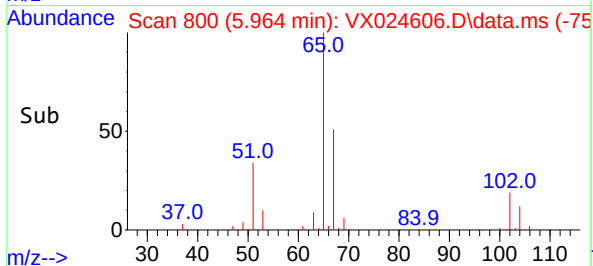
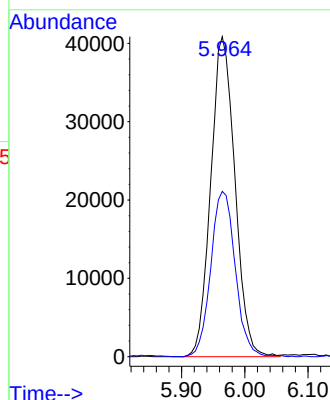
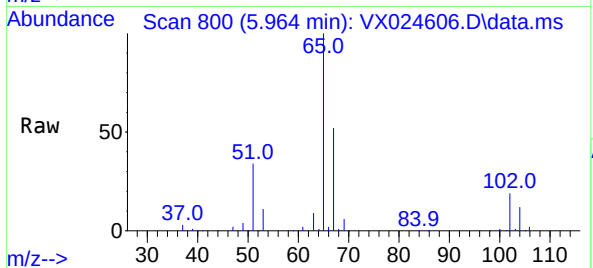
1,2-Dichloroethane-d4
Concen: 46.85 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 65 Resp: 108419
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

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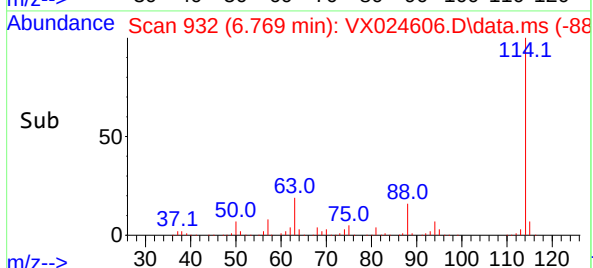
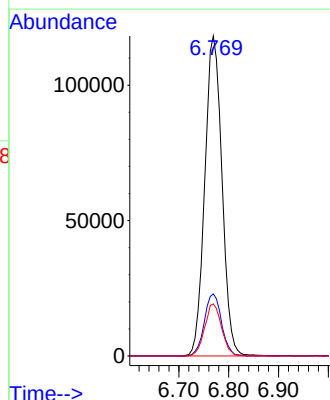
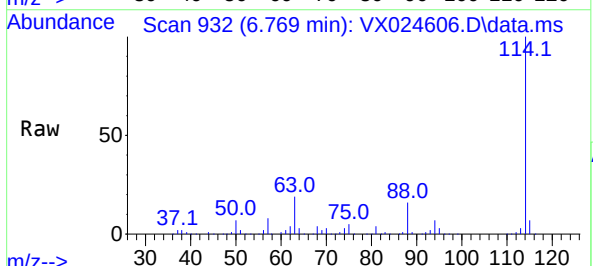
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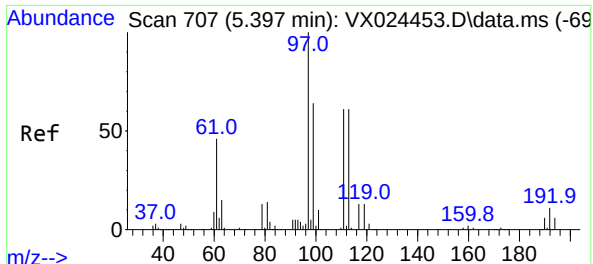


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

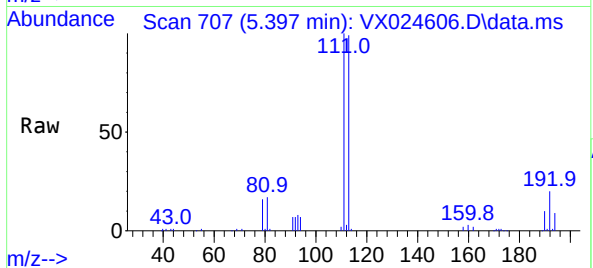
Tgt Ion: 114 Resp: 283246
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 16.3 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.18 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

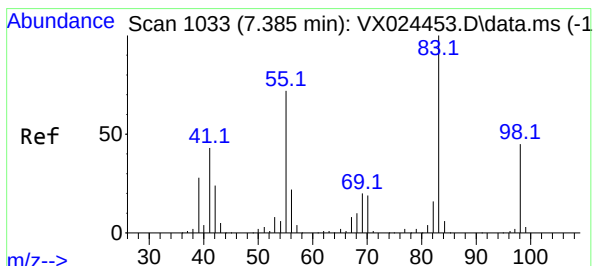
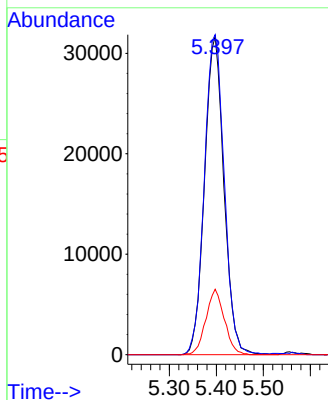
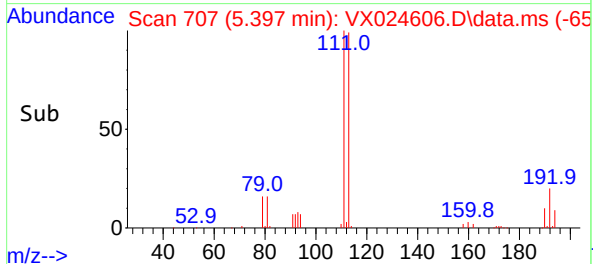
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW



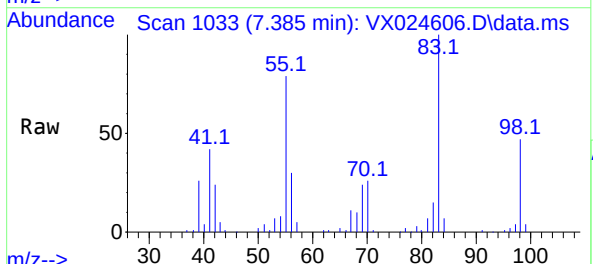
Tgt Ion:113 Resp: 90651
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1

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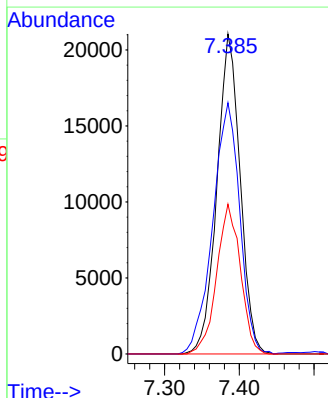
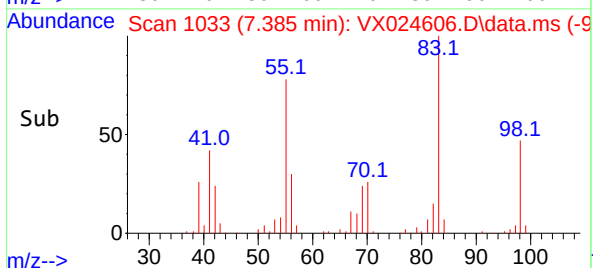
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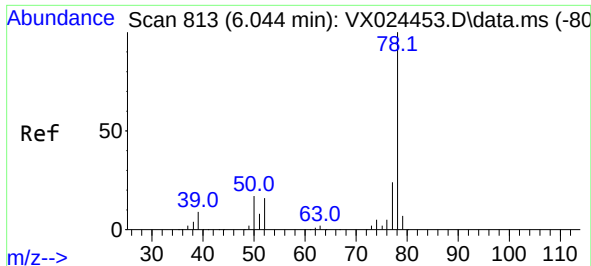


#39
Methylcyclohexane
Concen: 14.29 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06



Tgt Ion: 83 Resp: 45429
Ion Ratio Lower Upper
83 100
55 78.5 58.9 88.3
98 46.8 38.1 57.1





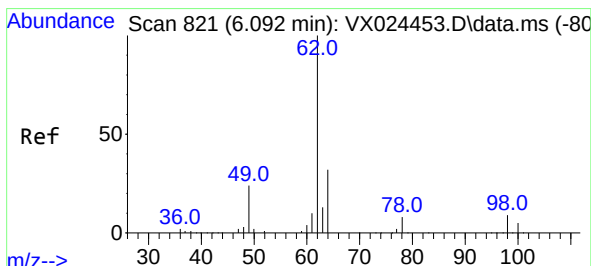
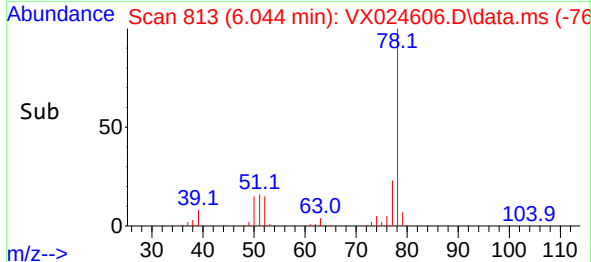
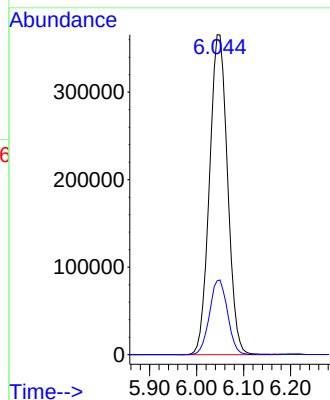
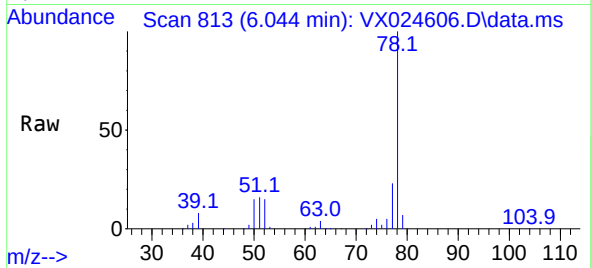
#40
Benzene
Concen: 125.64 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 78 Resp: 975530
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

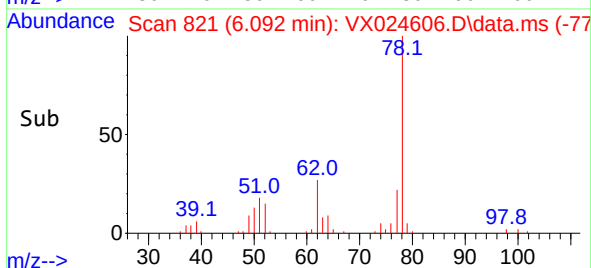
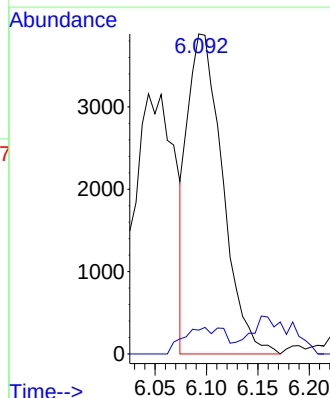
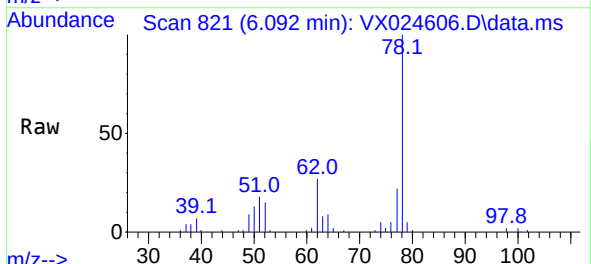
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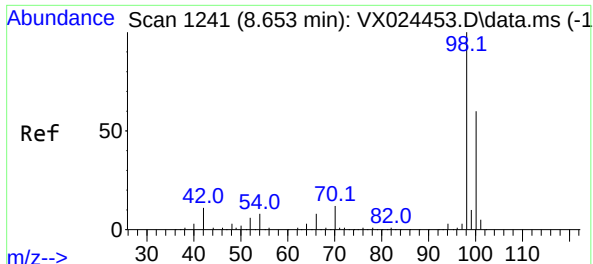
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#42
1,2-Dichloroethane
Concen: 2.82 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 62 Resp: 9203
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#50

Toluene-d8

Concen: 43.70 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024606.D

Acq: 06 Oct 2021 06:06

Tgt Ion: 98 Resp: 302648

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

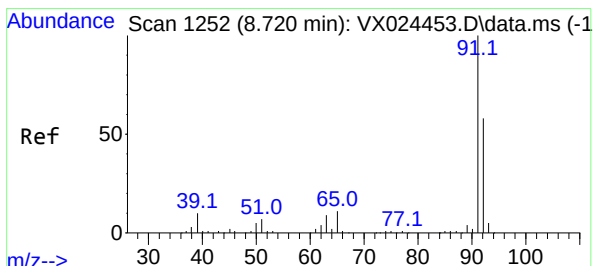
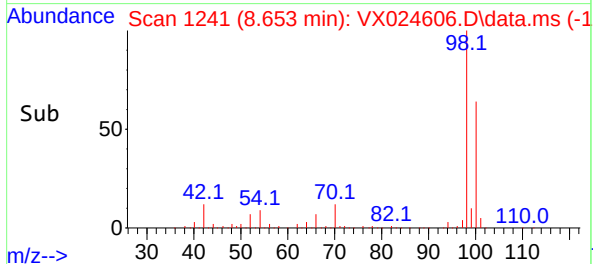
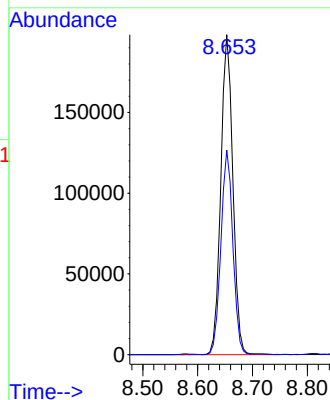
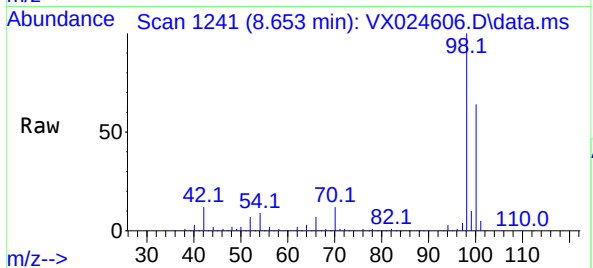
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10/6/2021 7:04:03 PM



#52

Toluene

Concen: 49.58 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX024606.D

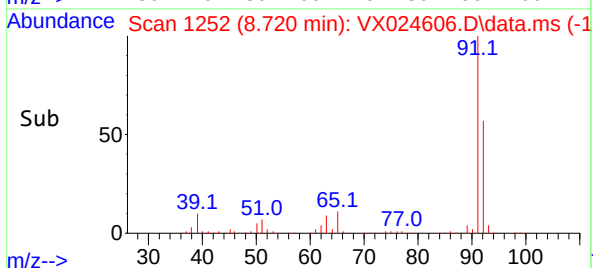
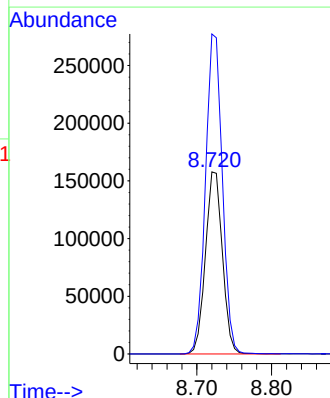
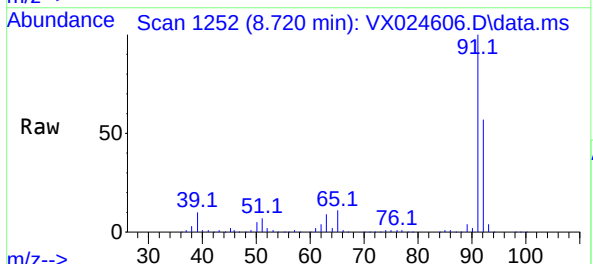
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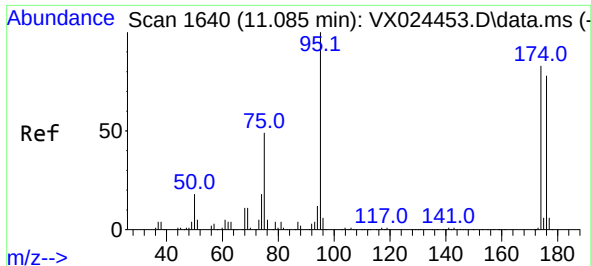
Tgt Ion: 92 Resp: 248697

Ion Ratio Lower Upper

92 100

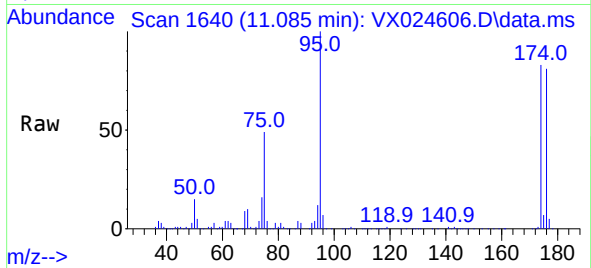
91 174.1 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 47.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

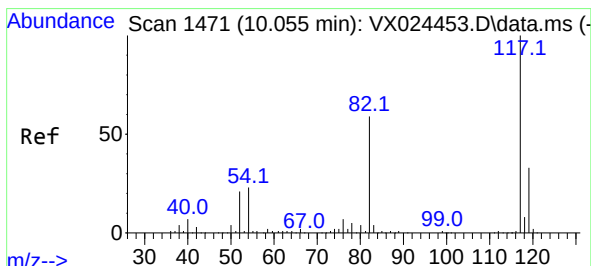
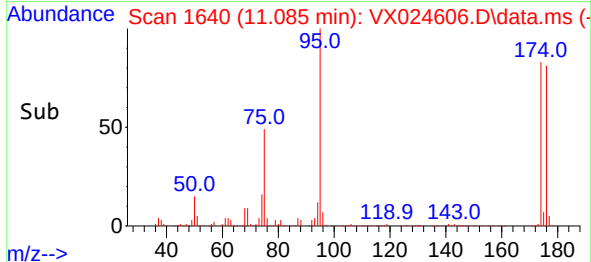
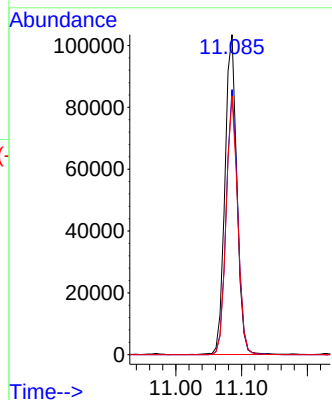
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW



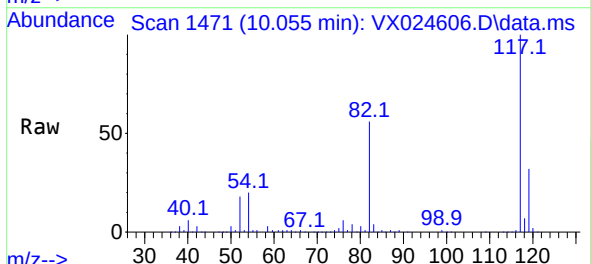
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Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 78.4 0.0 155.8

Manual Integrations
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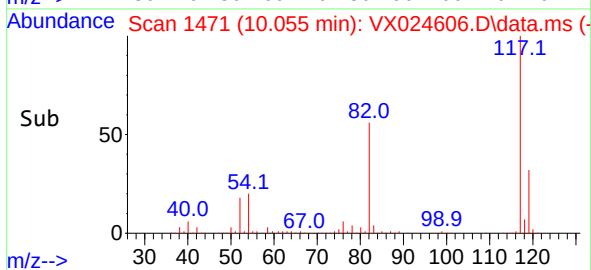
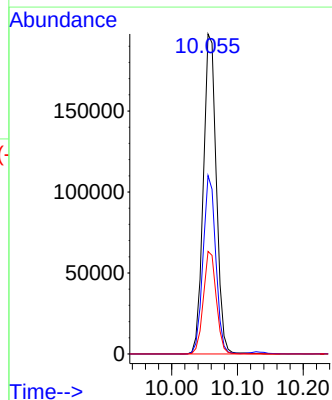
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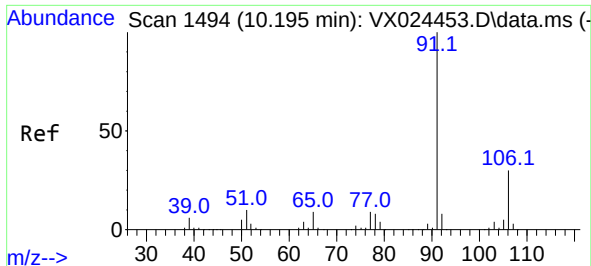


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06



Tgt Ion: 117 Resp: 270790
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.1 26.6 39.8





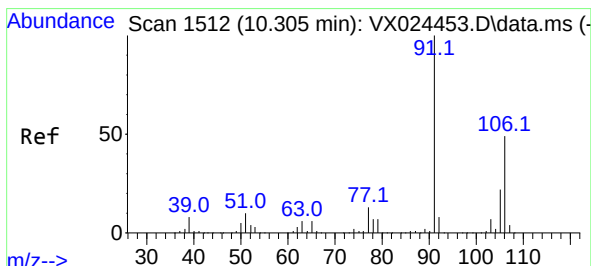
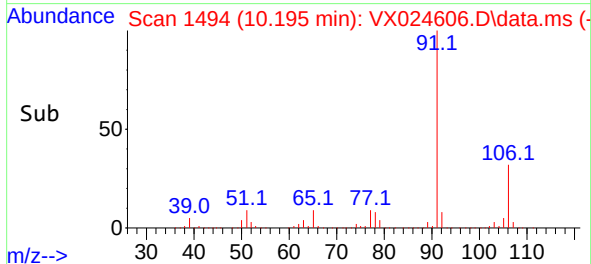
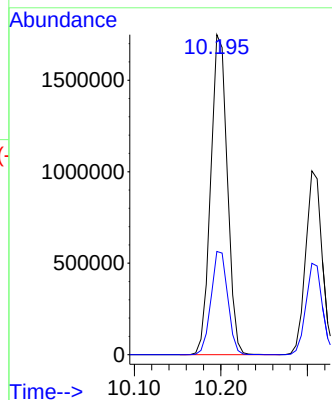
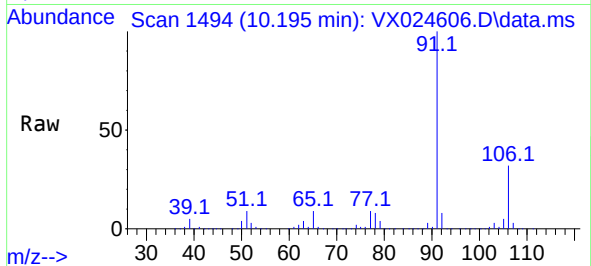
#67
Ethyl Benzene
Concen: 233.36 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

Tgt Ion: 91 Resp: 2330325
Ion Ratio Lower Upper
91 100
106 32.3 24.6 37.0

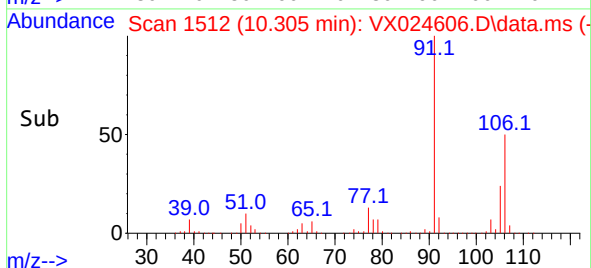
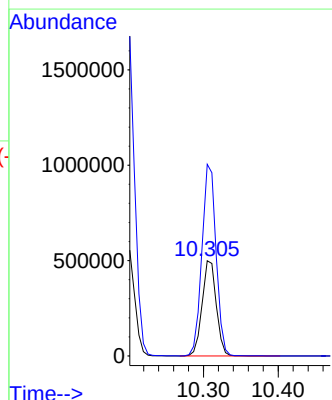
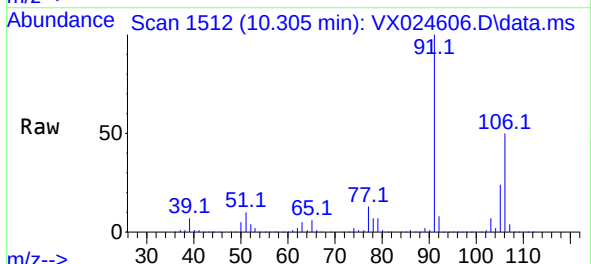
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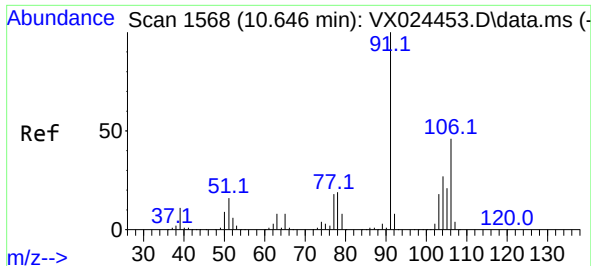
MMDadoda
10/6/2021 7:04:03 PM



#68
m/p-Xylenes
Concen: 171.21 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 106 Resp: 655606
Ion Ratio Lower Upper
106 100
91 201.7 162.8 244.2





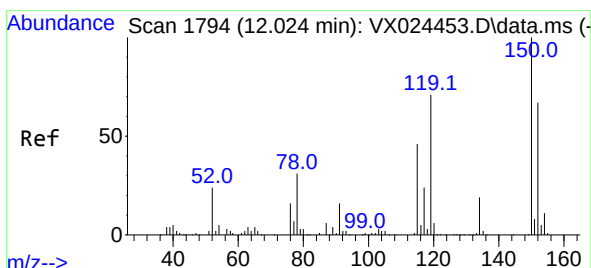
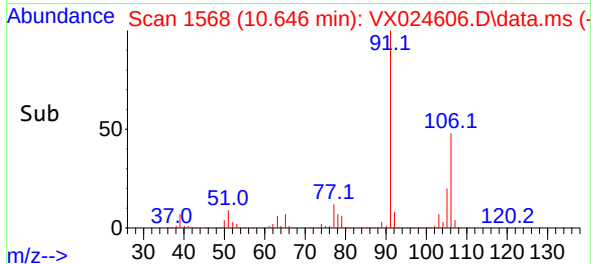
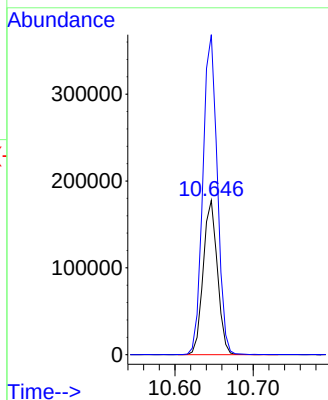
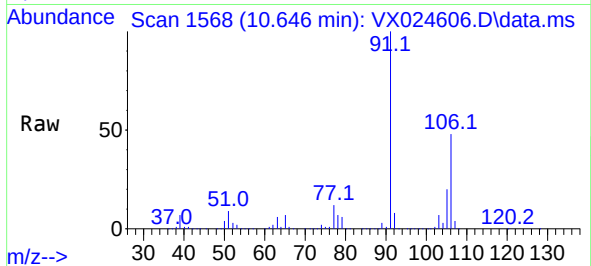
#69
o-Xylene
Concen: 58.95 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

Tgt Ion:106 Resp: 223213
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.2

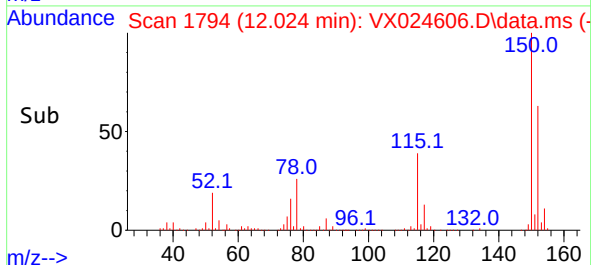
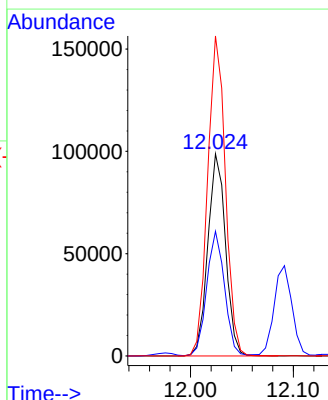
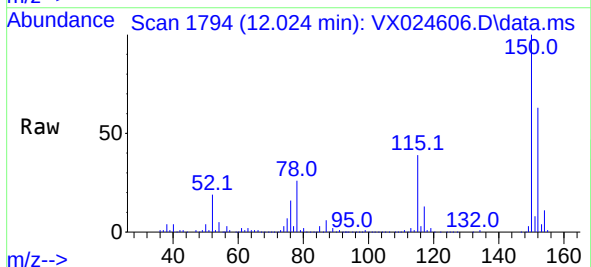
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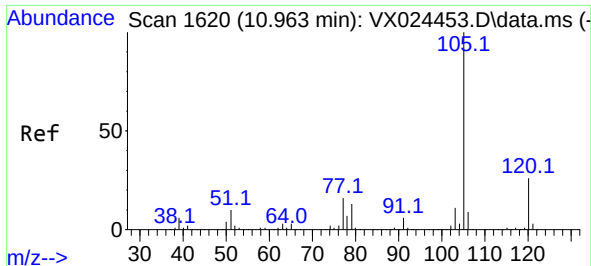
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion:152 Resp: 118617
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 158.9 0.0 349.0





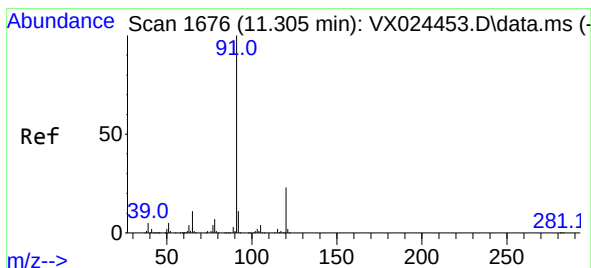
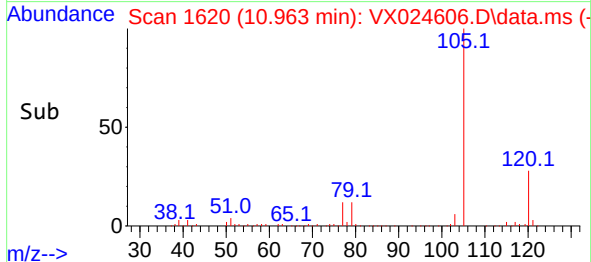
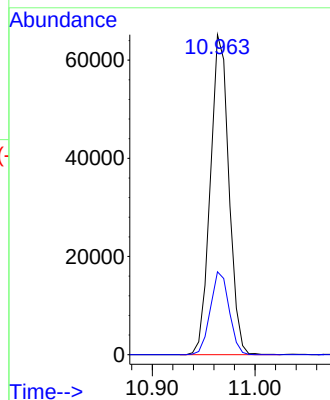
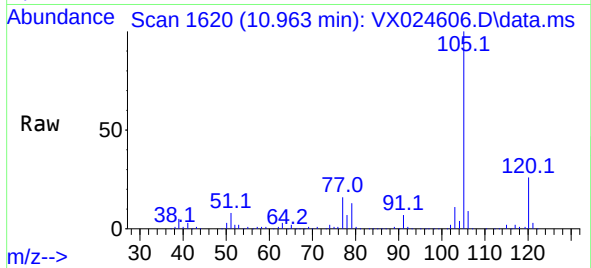
#73
Isopropylbenzene
Concen: 9.77 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 105 Resp: 81905
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

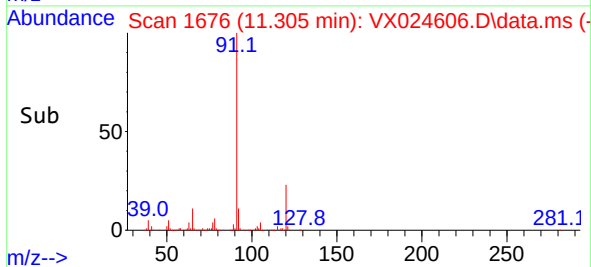
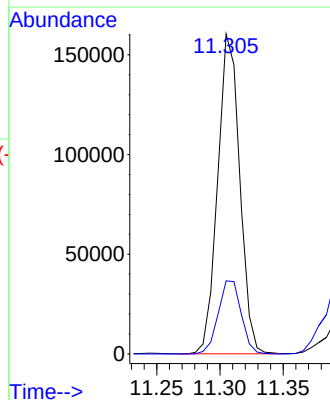
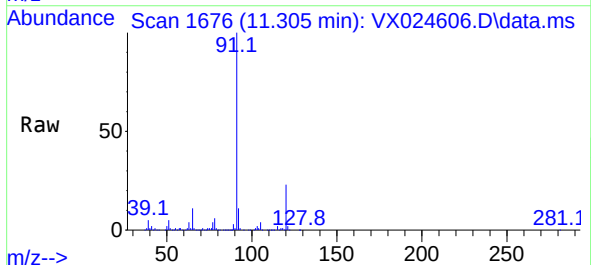
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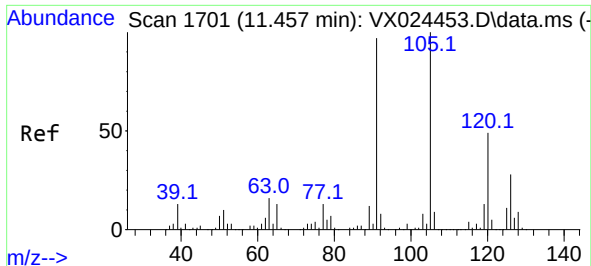
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#78
n-propylbenzene
Concen: 19.81 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion: 91 Resp: 194145
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5





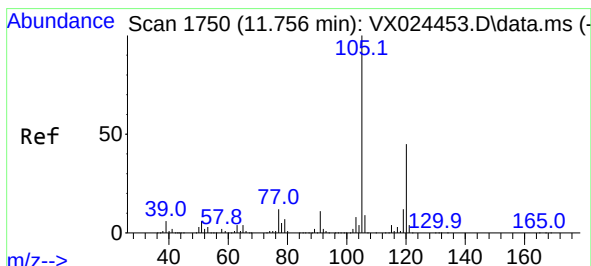
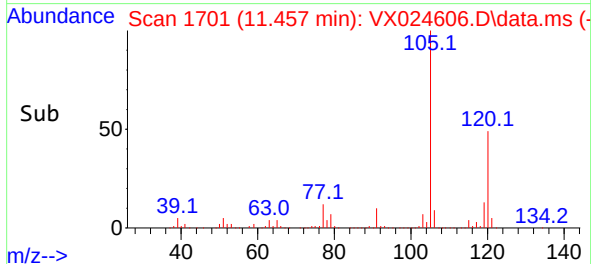
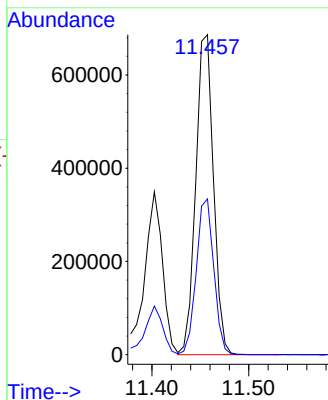
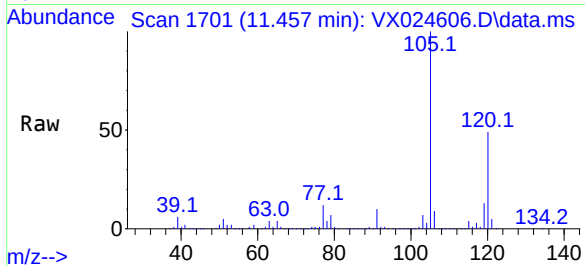
#80
1,3,5-Trimethylbenzene
Concen: 121.98 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion:105 Resp: 873847
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

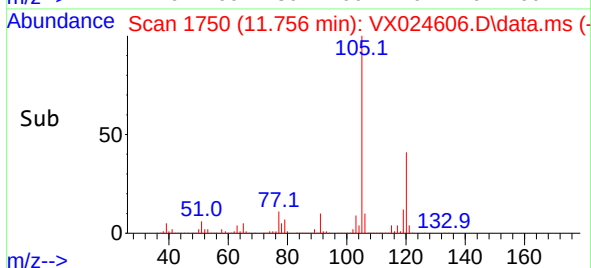
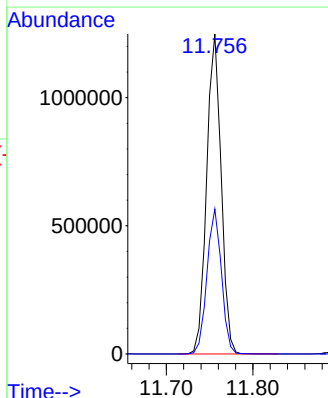
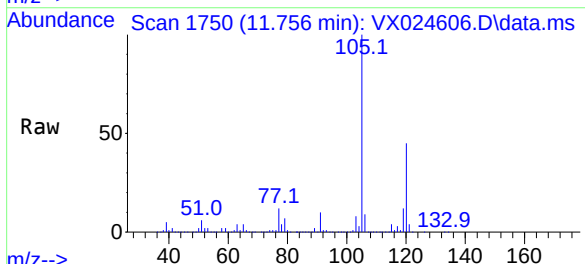
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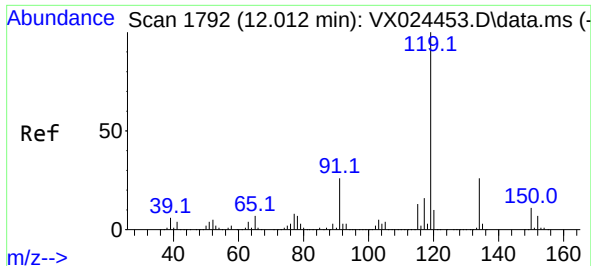
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10/6/2021 7:04:03 PM



#84
1,2,4-Trimethylbenzene
Concen: 203.50 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion:105 Resp: 1449472
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3





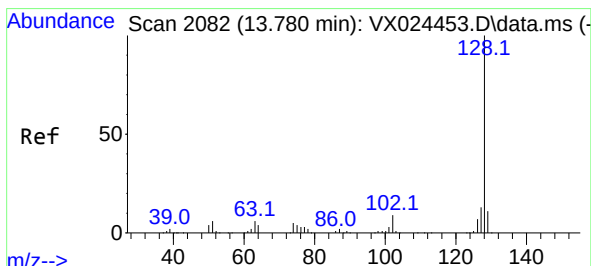
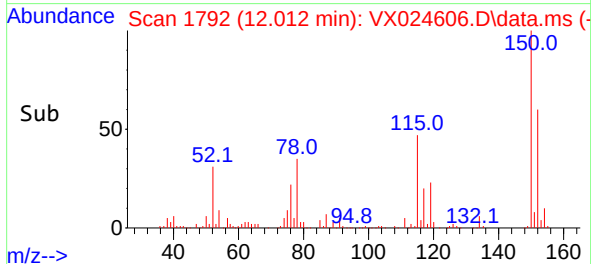
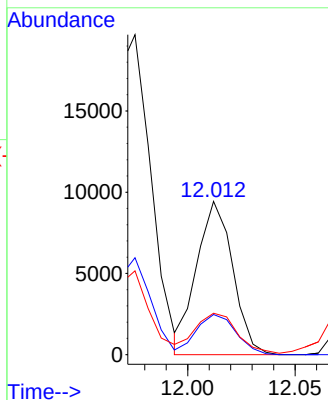
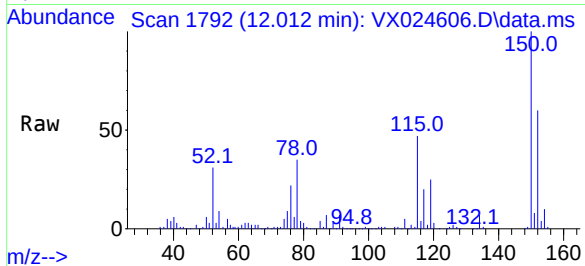
#86
p-Isopropyltoluene
Concen: 1.47 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion:119 Resp: 11061
Ion Ratio Lower Upper
119 100
134 64.5 12.9 38.7#
91 59.3 11.7 35.0#

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GW

Manual Integrations
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10/6/2021 7:04:03 PM



#95
Naphthalene
Concen: 43.22 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024606.D
Acq: 06 Oct 2021 06:06

Tgt Ion:128 Resp: 357842
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

