

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024604.D
 Acq On : 06 Oct 2021 05:19
 Operator : JC/MD
 Sample : M3960-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAMB-MW10-GW

Manual Integrations
 APPROVED

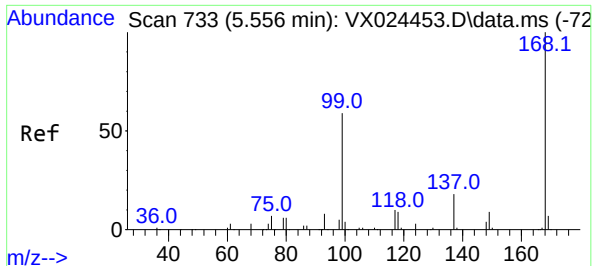
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Quant Time: Oct 06 06:54:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

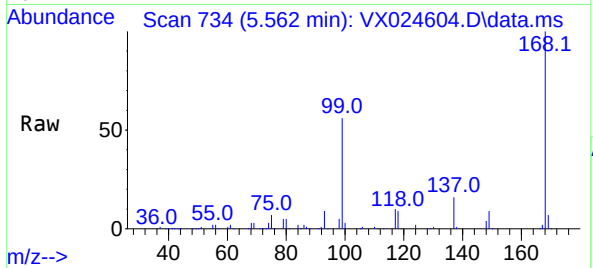
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	169635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	289720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107577	45.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.00%		
35) Dibromofluoromethane	5.397	113	91475	47.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.06%		
50) Toluene-d8	8.653	98	320235	45.21	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.42%#		
62) 4-Bromofluorobenzene	11.085	95	129347	46.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.88%		
Target Compounds					Qvalue	
25) 2-Butanone	4.581	43	2981	1.81	ug/l #	87
31) Cyclohexane	5.477	56	37533	13.11	ug/l	94
39) Methylcyclohexane	7.379	83	18130	5.57	ug/l #	65
40) Benzene	6.044	78	33869	4.26	ug/l	100
52) Toluene	8.726	92	4854	0.95	ug/l	98
67) Ethyl Benzene	10.195	91	91107	9.76	ug/l	99
68) m/p-Xylenes	10.305	106	61158	17.08	ug/l	99
69) o-Xylene	10.647	106	15159	4.28	ug/l	93
73) Isopropylbenzene	10.964	105	143229	16.52	ug/l	99
78) n-propylbenzene	11.305	91	119981	11.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	10315	1.39	ug/l	98
83) tert-Butylbenzene	11.720	119	3783	0.51	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	67366	9.15	ug/l	100
85) sec-Butylbenzene	11.890	105	54766	5.99	ug/l	91
89) n-Butylbenzene	12.335	91	20564m	2.98	ug/l	
95) Naphthalene	13.780	128	117757	13.76	ug/l #	95

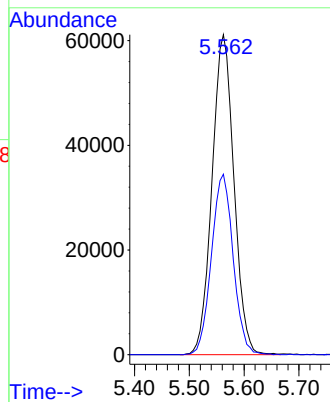
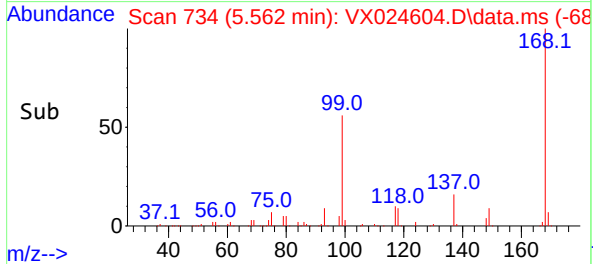
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024604.D
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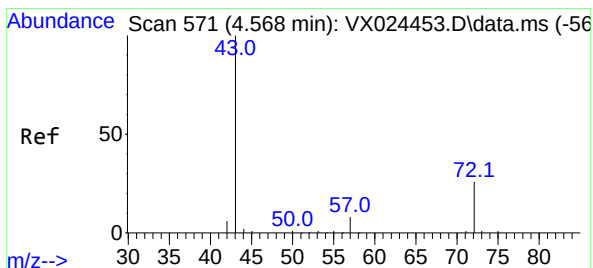
Tgt Ion: 168 Resp: 169635
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



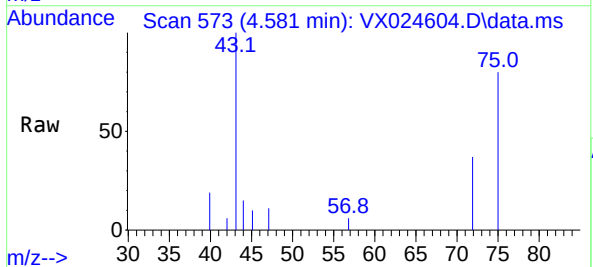
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW10-GW

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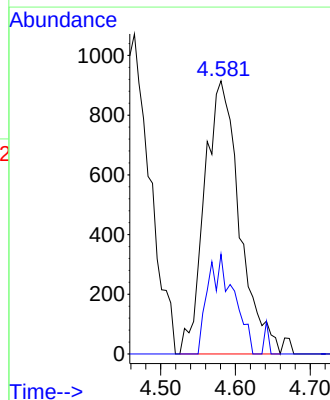
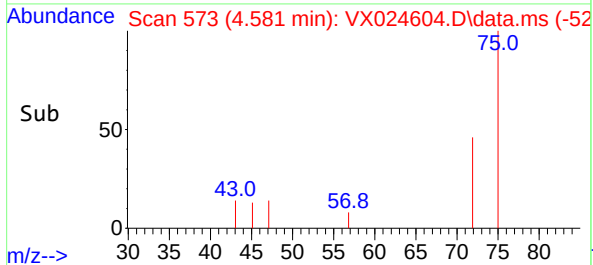
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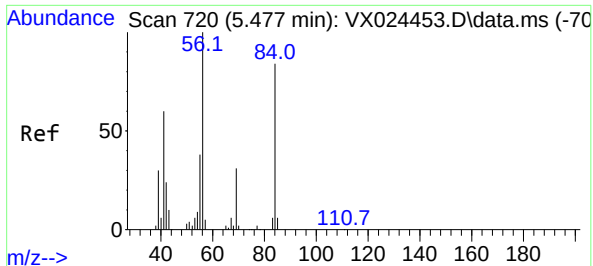


#25
2-Butanone
Concen: 1.81 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

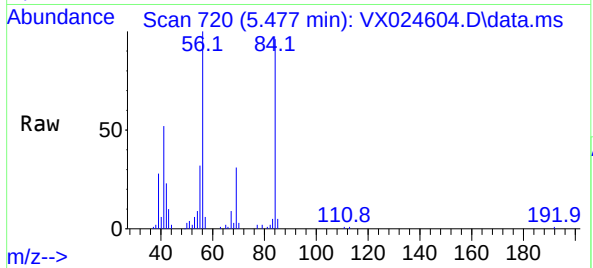


Tgt Ion: 43 Resp: 2981
Ion Ratio Lower Upper
43 100
72 36.5 23.7 35.5#

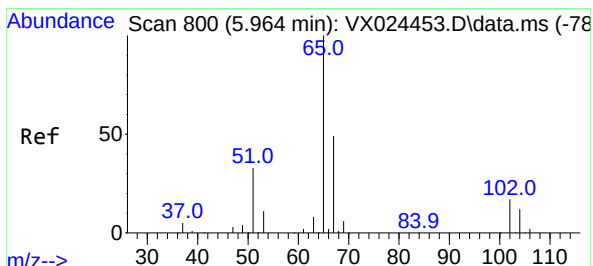
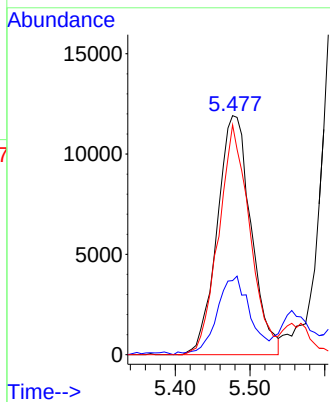
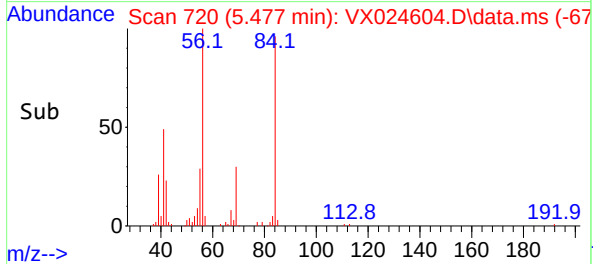




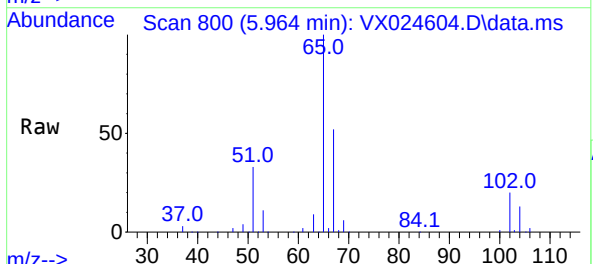
#31
Cyclohexane
Concen: 13.11 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



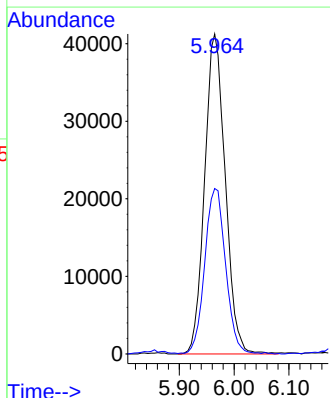
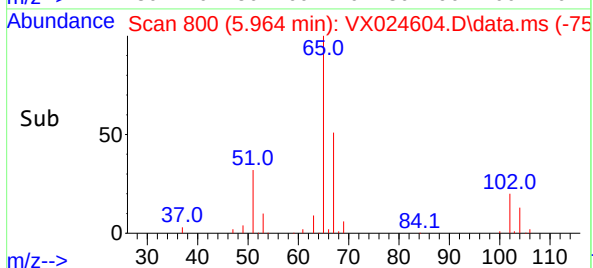
Tgt Ion: 56 Resp: 37533
Ion Ratio Lower Upper
56 100
69 29.9 25.3 37.9
84 96.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 45.00 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



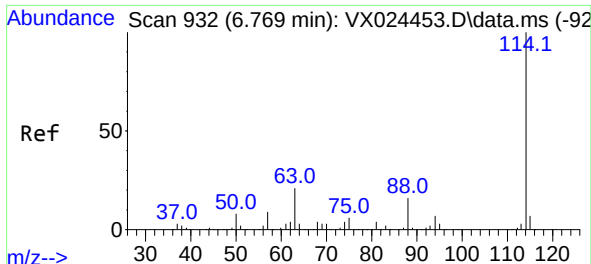
Tgt Ion: 65 Resp: 107577
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4



Instrument :
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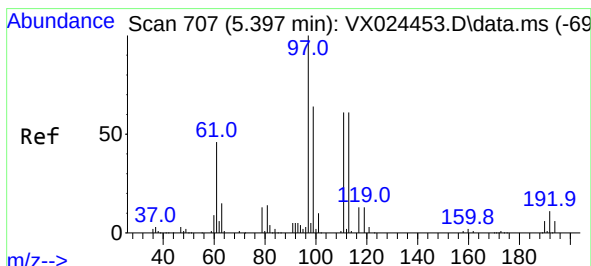
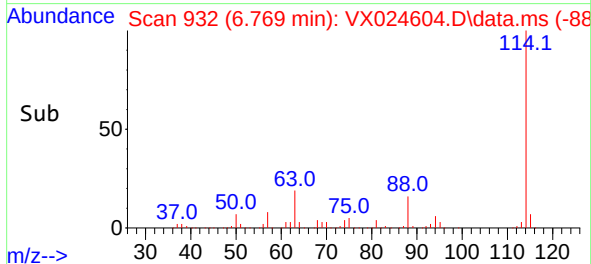
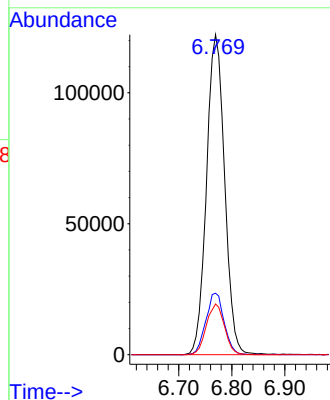
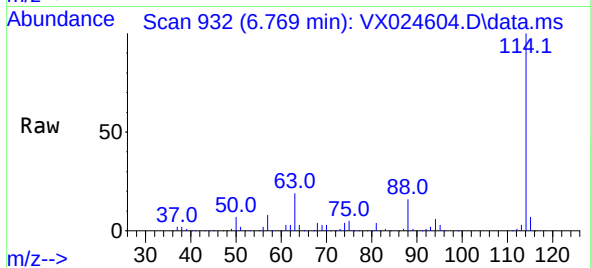
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion:114 Resp: 289720
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.8
88 15.8 0.0 32.8

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW10-GW

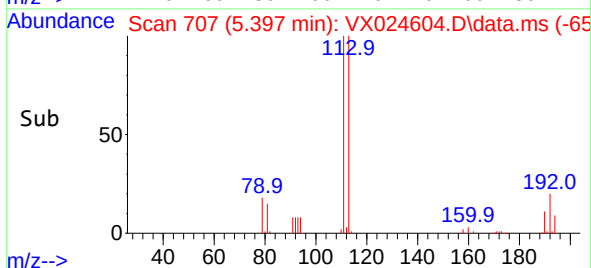
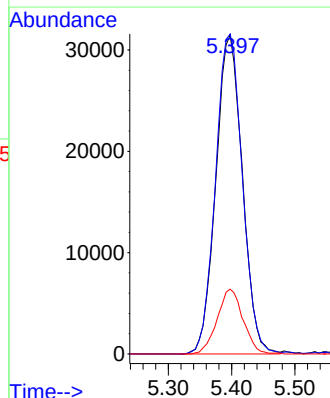
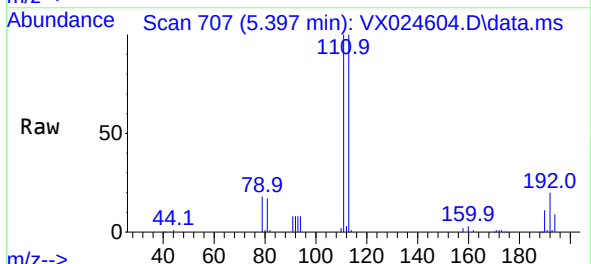
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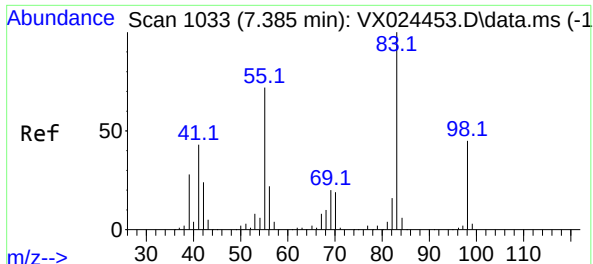
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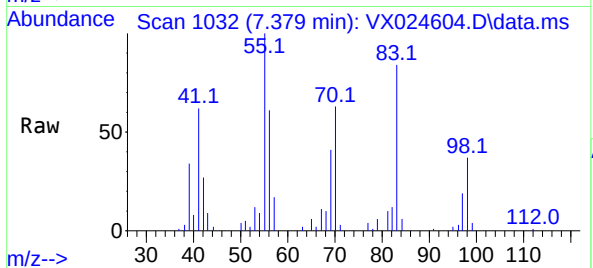
#35
Dibromofluoromethane
Concen: 47.53 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion:113 Resp: 91475
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.8 16.7 25.1

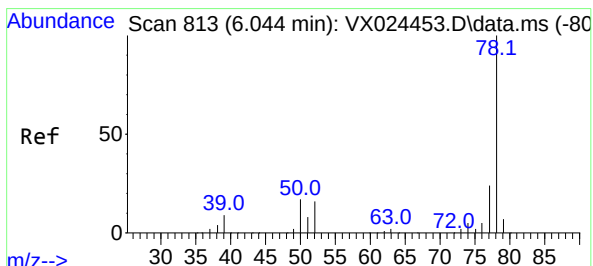
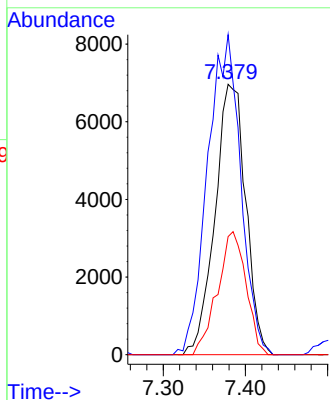
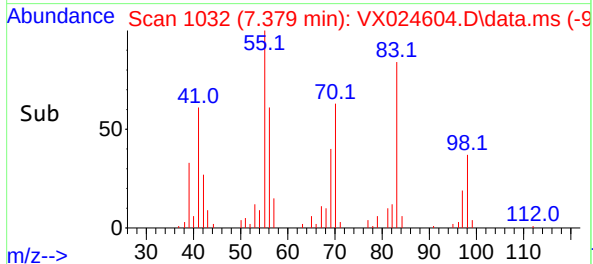




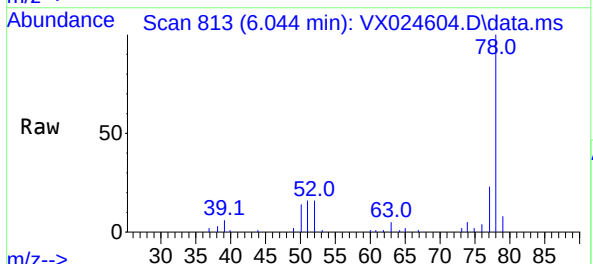
#39
Methylcyclohexane
Concen: 5.57 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



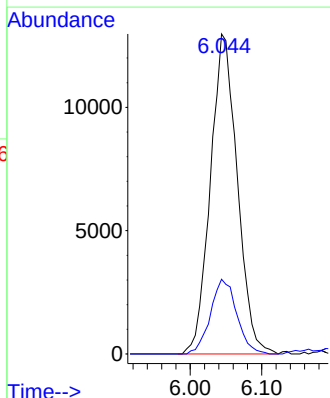
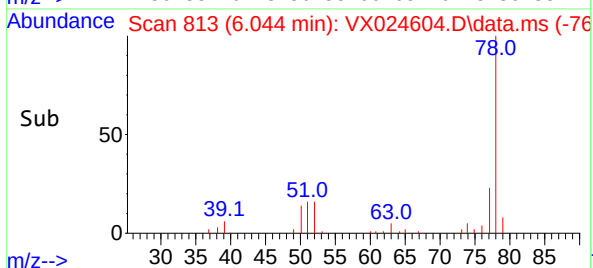
Tgt Ion: 83 Resp: 18130
Ion Ratio Lower Upper
83 100
55 118.4 58.9 88.3#
98 43.7 38.1 57.1



#40
Benzene
Concen: 4.26 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



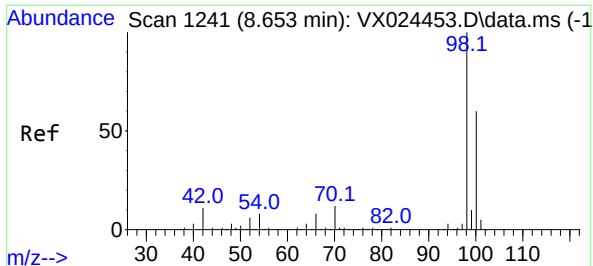
Tgt Ion: 78 Resp: 33869
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



Instrument :
MSVOA_X
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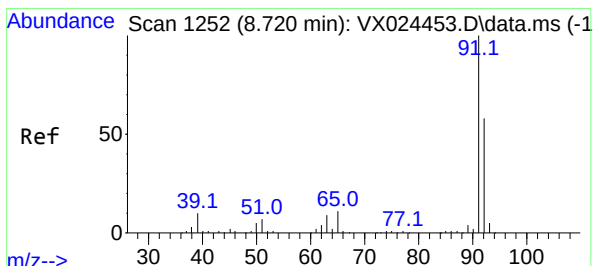
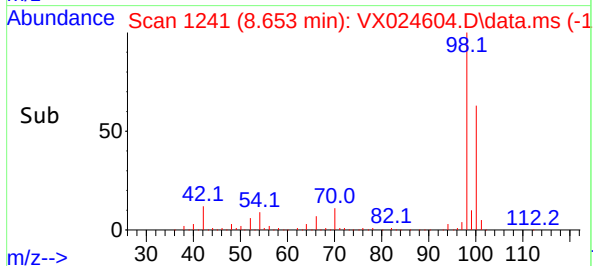
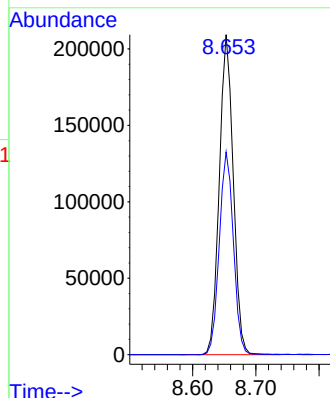
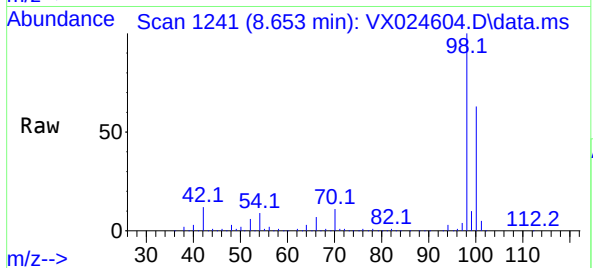
#50
Toluene-d8
Concen: 45.21 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion: 98 Resp: 320235
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

Instrument :
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ClientSampleId :
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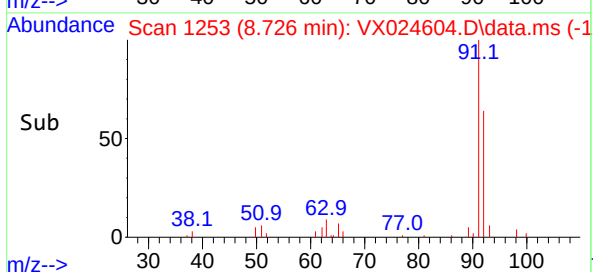
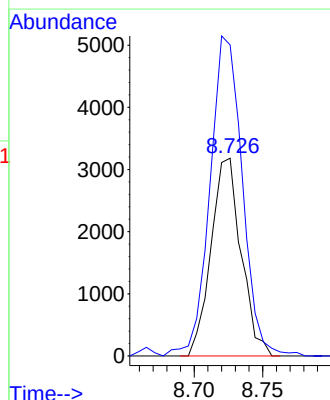
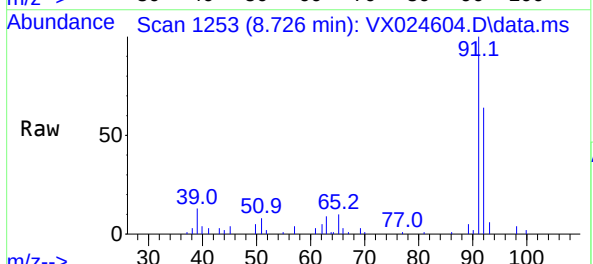
Manual Integrations
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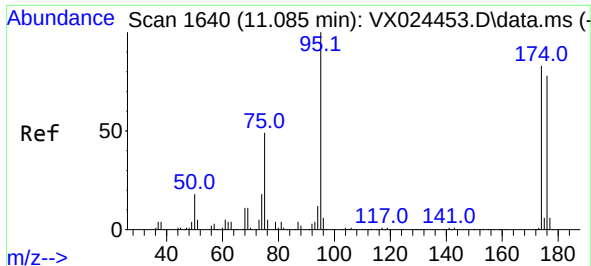
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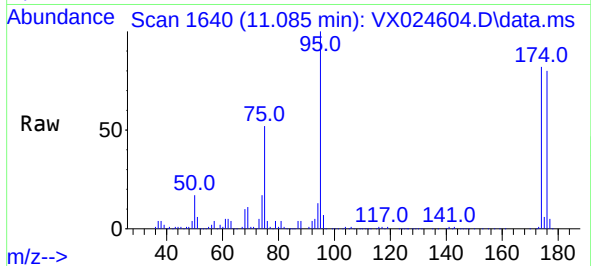
#52
Toluene
Concen: 0.95 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion: 92 Resp: 4854
Ion Ratio Lower Upper
92 100
91 174.2 137.1 205.7

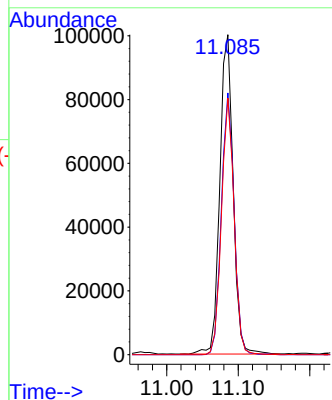
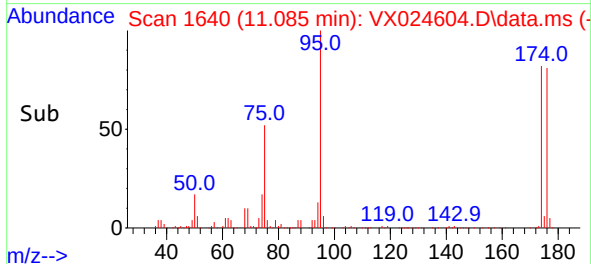




#62
4-Bromofluorobenzene
Concen: 46.44 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



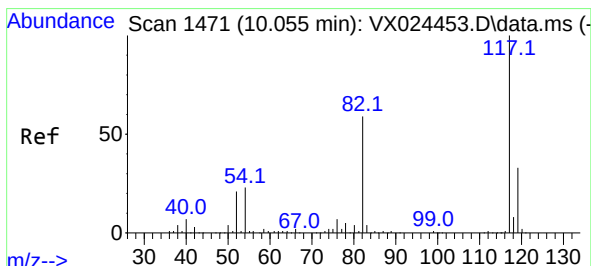
Tgt Ion: 95 Resp: 129347
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 76.2 0.0 155.8



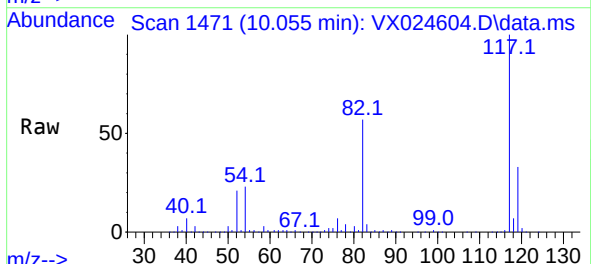
Instrument :
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ClientSampleId :
RAMB-MW10-GW

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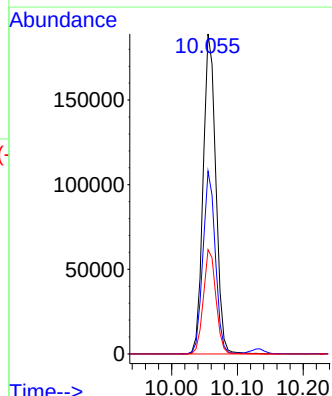
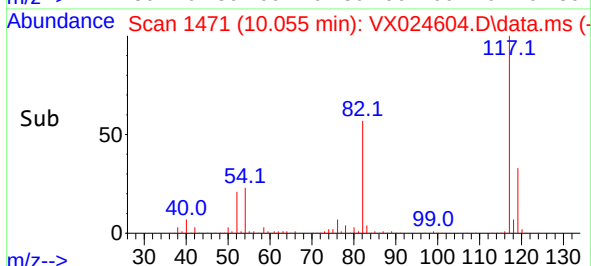
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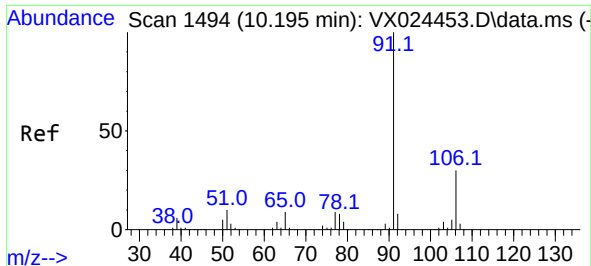


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



Tgt Ion: 117 Resp: 253245
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.6 26.6 39.8





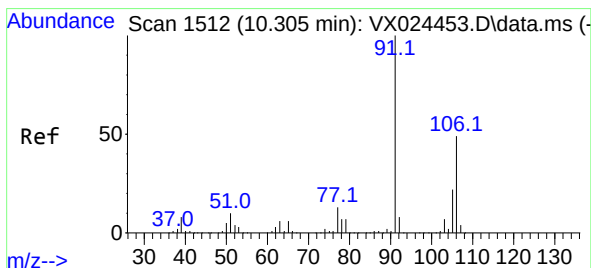
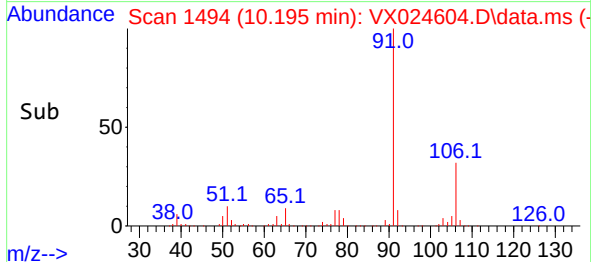
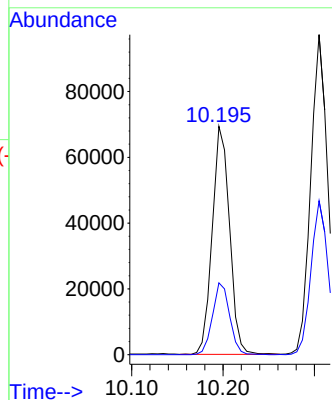
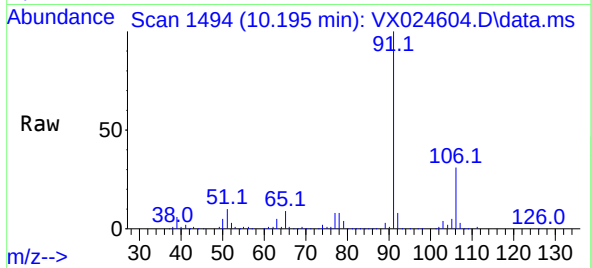
#67
Ethyl Benzene
Concen: 9.76 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion: 91 Resp: 91107
Ion Ratio Lower Upper
91 100
106 31.5 24.6 37.0

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW10-GW

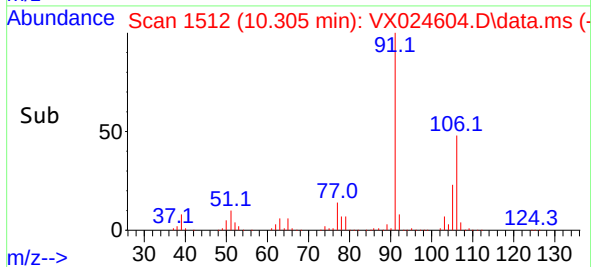
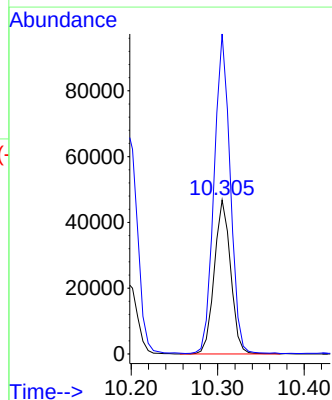
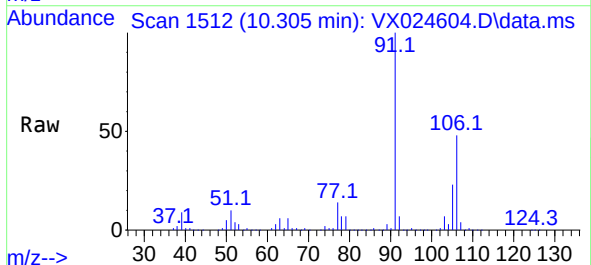
Manual Integrations
APPROVED

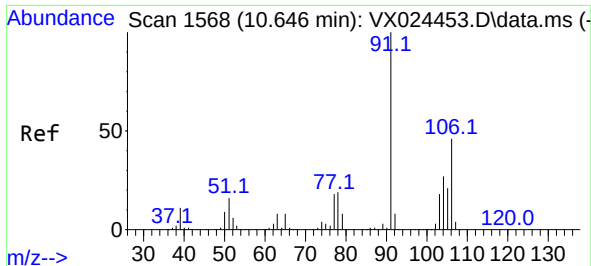
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10/6/2021 7:04:01 PM



#68
m/p-Xylenes
Concen: 17.08 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

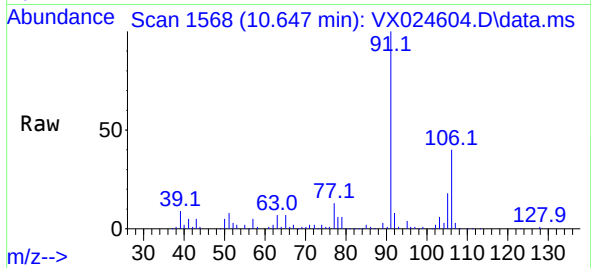
Tgt Ion: 106 Resp: 61158
Ion Ratio Lower Upper
106 100
91 205.6 162.8 244.2





#69
o-Xylene
Concen: 4.28 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

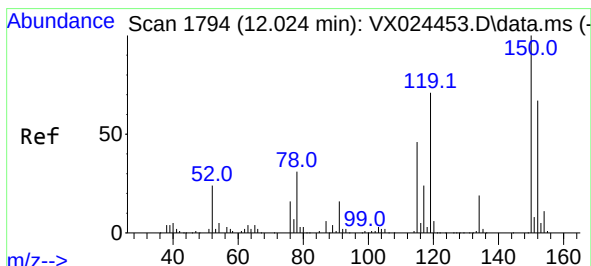
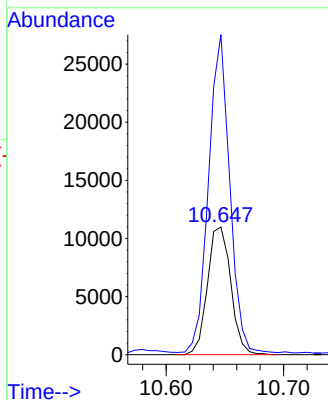
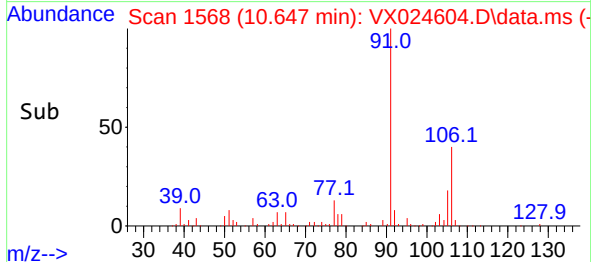
Instrument :
MSVOA_X
ClientSampleId :
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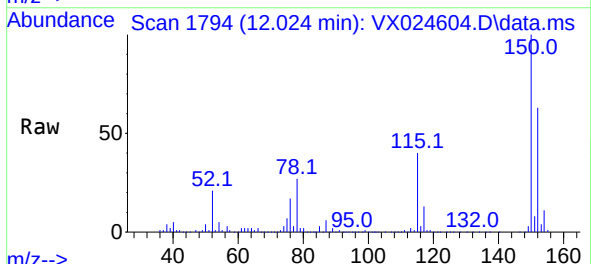
Tgt Ion:106 Resp: 15159
Ion Ratio Lower Upper
106 100
91 227.0 108.1 324.2

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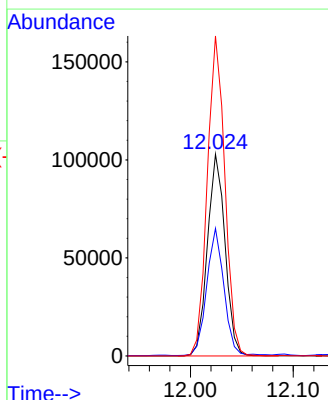
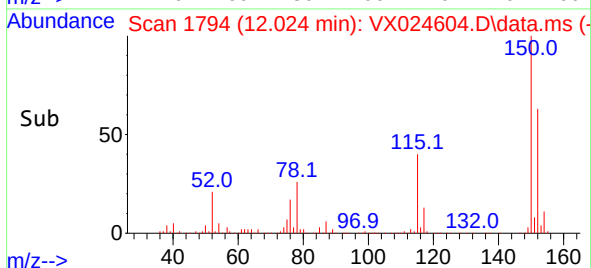
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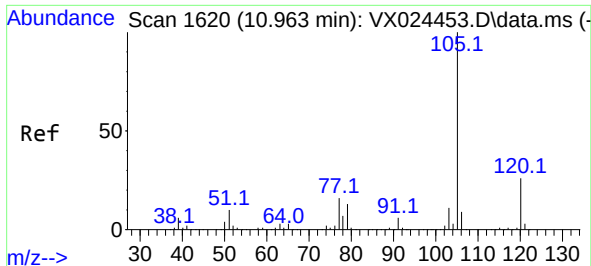


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024604.D
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Tgt Ion:152 Resp: 122641
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 158.0 0.0 349.0





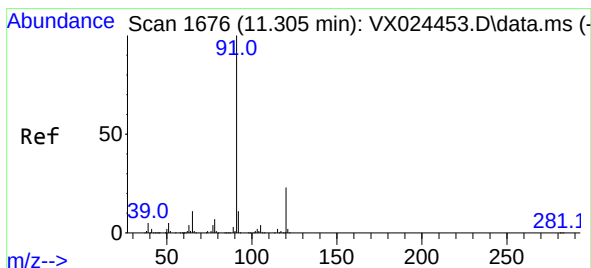
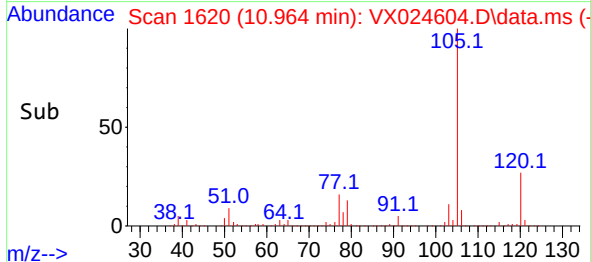
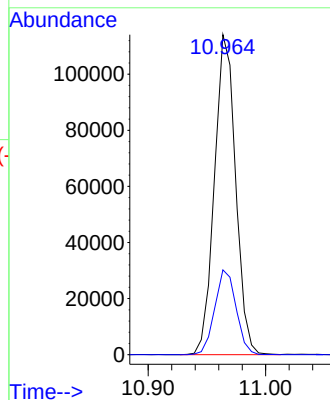
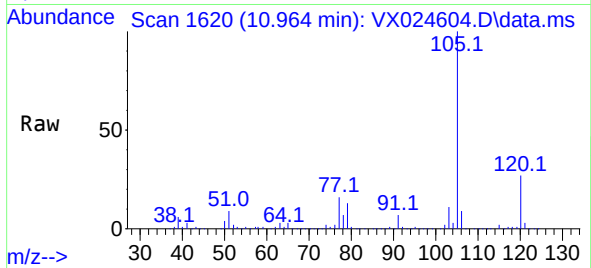
#73
Isopropylbenzene
Concen: 16.52 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion: 105 Resp: 143229
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

Instrument :
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ClientSampleId :
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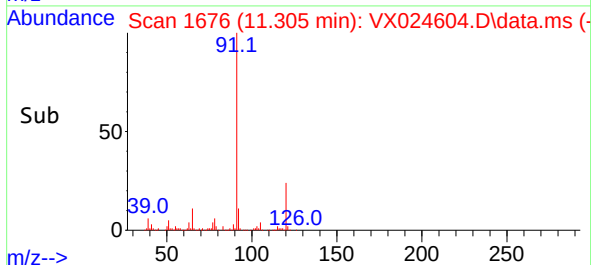
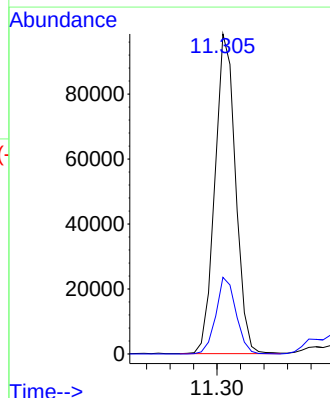
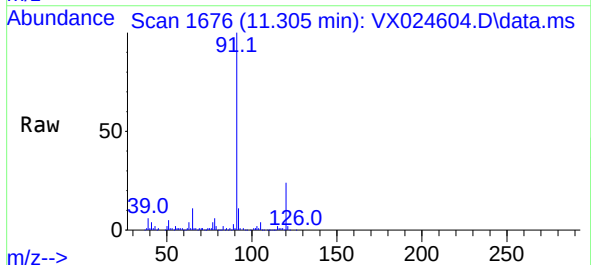
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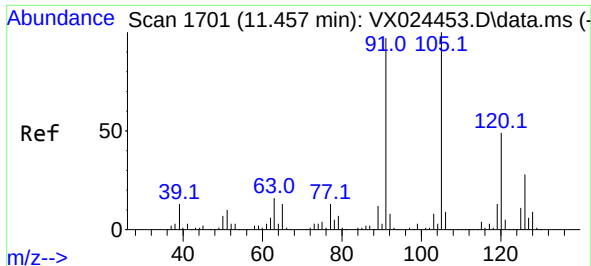
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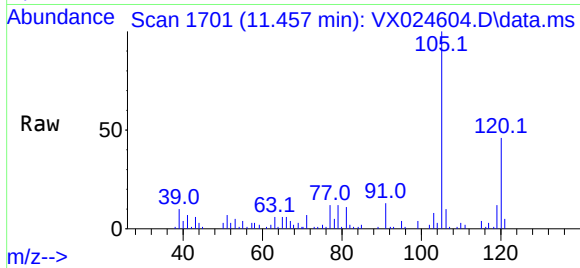
#78
n-propylbenzene
Concen: 11.84 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19

Tgt Ion: 91 Resp: 119981
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

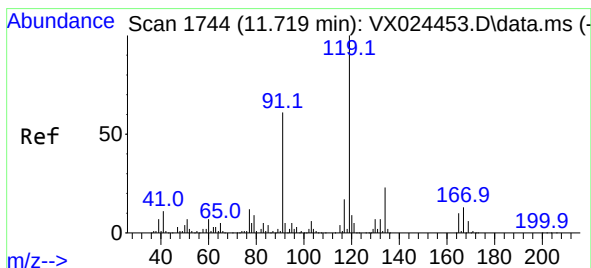
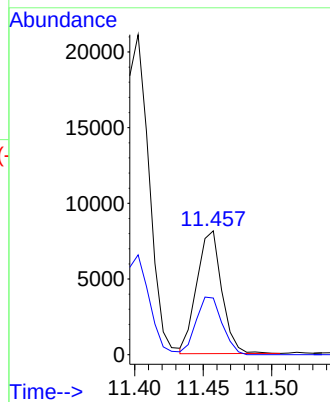
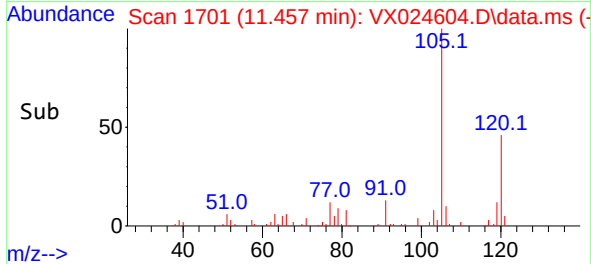




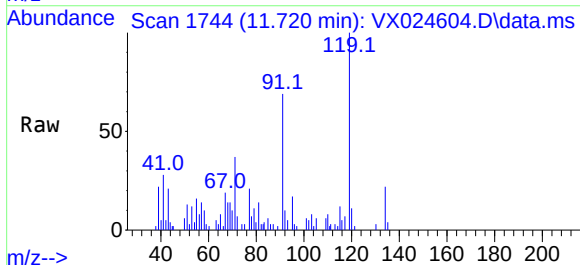
#80
1,3,5-Trimethylbenzene
Concen: 1.39 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



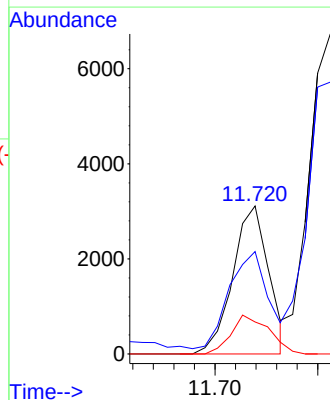
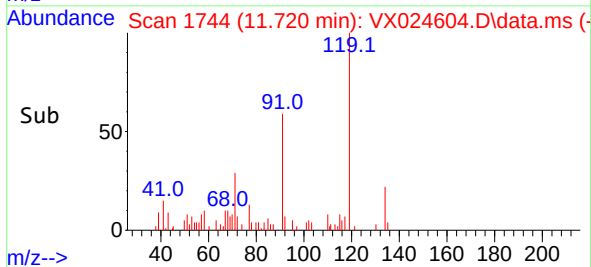
Tgt Ion:105 Resp: 10315
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.5



#83
tert-Butylbenzene
Concen: 0.51 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



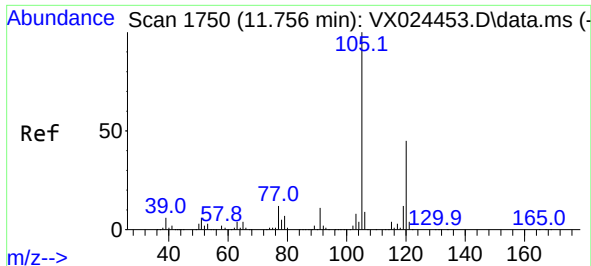
Tgt Ion:119 Resp: 3783
Ion Ratio Lower Upper
119 100
91 70.7 27.9 83.7
134 27.7 11.3 33.9



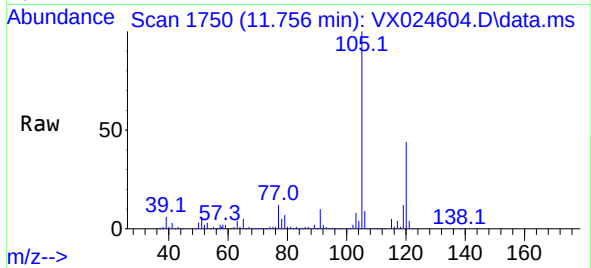
Instrument :
MSVOA_X
ClientSampleId :
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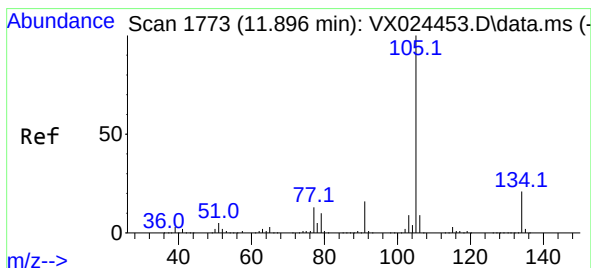
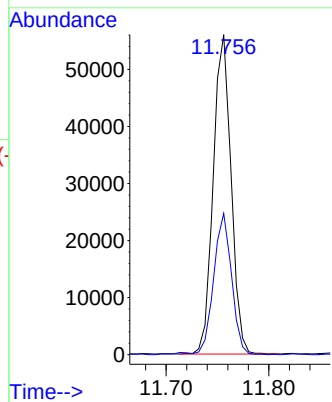
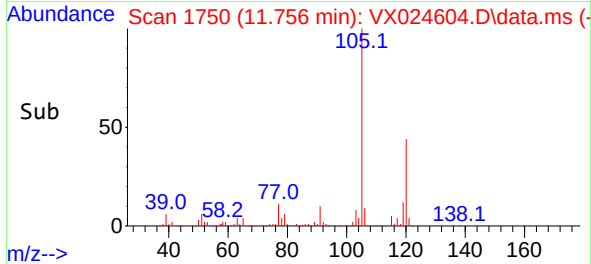
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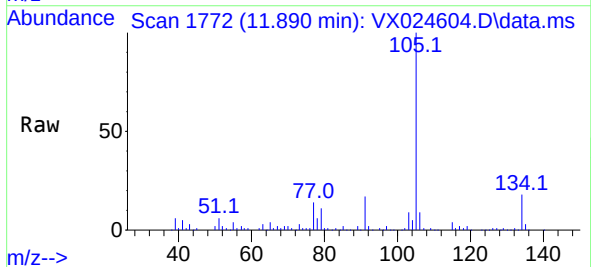
#84
1,2,4-Trimethylbenzene
Concen: 9.15 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



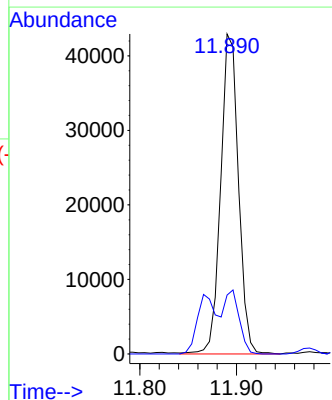
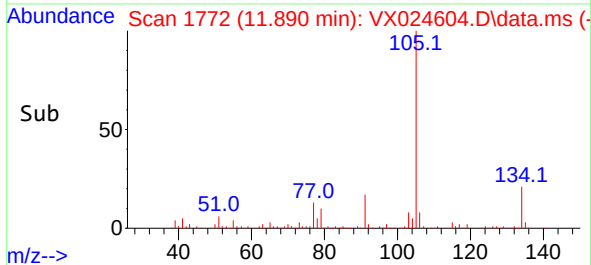
Tgt Ion:105 Resp: 67366
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#85
sec-Butylbenzene
Concen: 5.99 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



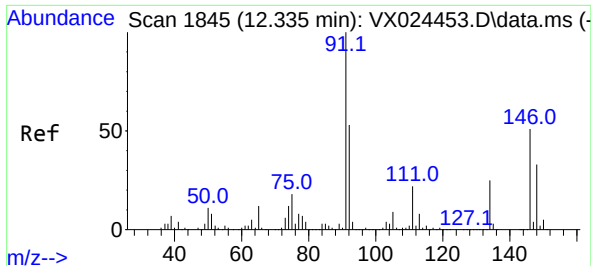
Tgt Ion:105 Resp: 54766
Ion Ratio Lower Upper
105 100
134 15.7 10.0 29.8



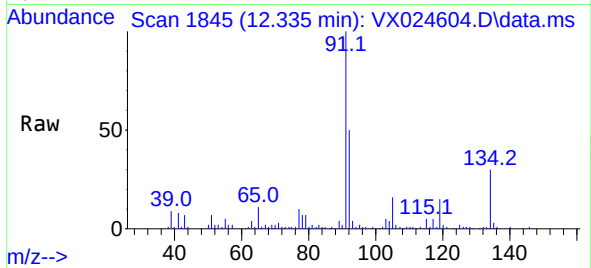
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW10-GW

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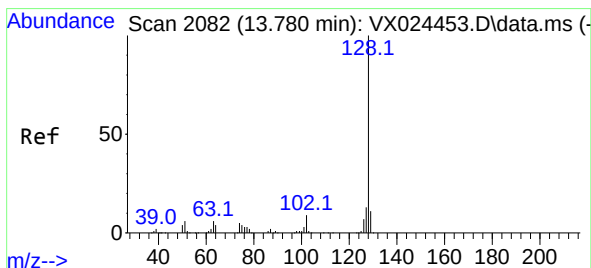
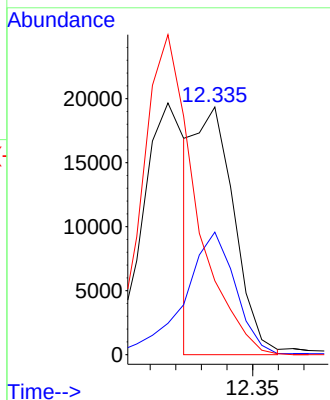
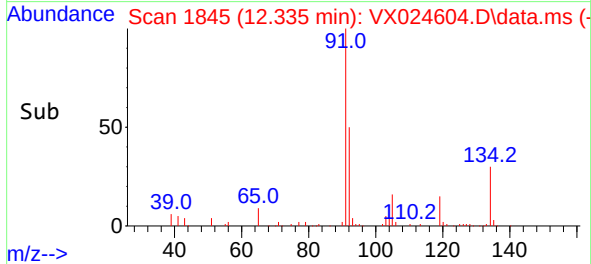
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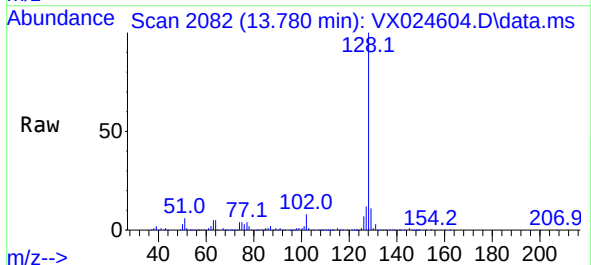
#89
n-Butylbenzene
Concen: 2.98 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



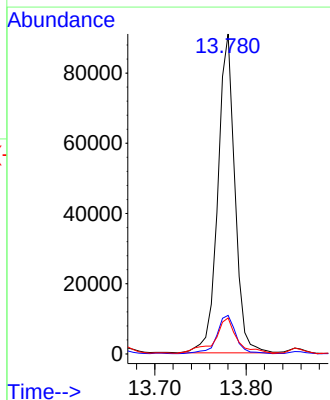
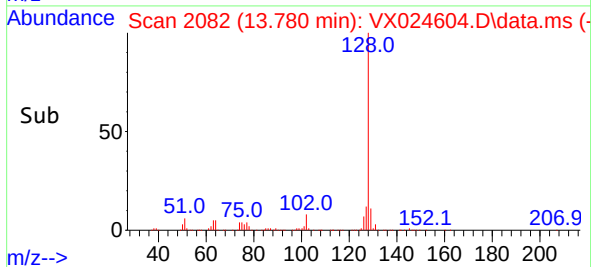
Tgt Ion: 91 Resp: 20564
Ion Ratio Lower Upper
91 100
92 65.5 27.4 82.0
134 172.7 13.2 39.5#



#95
Naphthalene
Concen: 13.76 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024604.D
Acq: 06 Oct 2021 05:19



Tgt Ion: 128 Resp: 117757
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 14.6 8.8 13.2#



Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW10-GW

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