

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024150.D
 Acq On : 09 Sep 2021 19:04
 Operator : JC/MD
 Sample : M3694-04
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-4

Manual Integrations
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 9/10/2021 12:46:05 PM

Quant Time: Sep 10 07:31:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	163884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.067	117	240634	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	125484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105912	46.304	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.600%		
35) Dibromofluoromethane	5.403	113	80688	45.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.020%		
50) Toluene-d8	8.653	98	385303	57.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	114.180%#		
62) 4-Bromofluorobenzene	11.091	95	162971	65.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	131.200%#		
Target Compounds					Qvalue	
31) Cyclohexane	5.470	56	820463	279.202	ug/l	# 81
39) Methylcyclohexane	7.391	83	5383517	1782.215	ug/l	99
52) Toluene	8.726	92	148463	31.232	ug/l	97
67) Ethyl Benzene	10.201	91	4365282	497.829	ug/l	94
68) m/p-Xylenes	10.317	106	8045770	2408.980	ug/l	76
69) o-Xylene	10.652	106	2341184	713.312	ug/l	93
73) Isopropylbenzene	10.969	105	1212786	126.710	ug/l	99
78) n-propylbenzene	11.311	91	2373948	216.853	ug/l	96
80) 1,3,5-Trimethylbenzene	11.463	105	5184373	659.122	ug/l	95
83) tert-Butylbenzene	11.725	119	24693m	3.232	ug/l	
84) 1,2,4-Trimethylbenzene	11.768	105	11177486	1425.225	ug/l	85
85) sec-Butylbenzene	11.896	105	397947	41.146	ug/l	98
86) p-Isopropyltoluene	12.018	119	631825	79.375	ug/l	96
89) n-Butylbenzene	12.335	91	1510493	212.527	ug/l	# 21
95) Naphthalene	13.780	128	1456387	155.888	ug/l	98

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

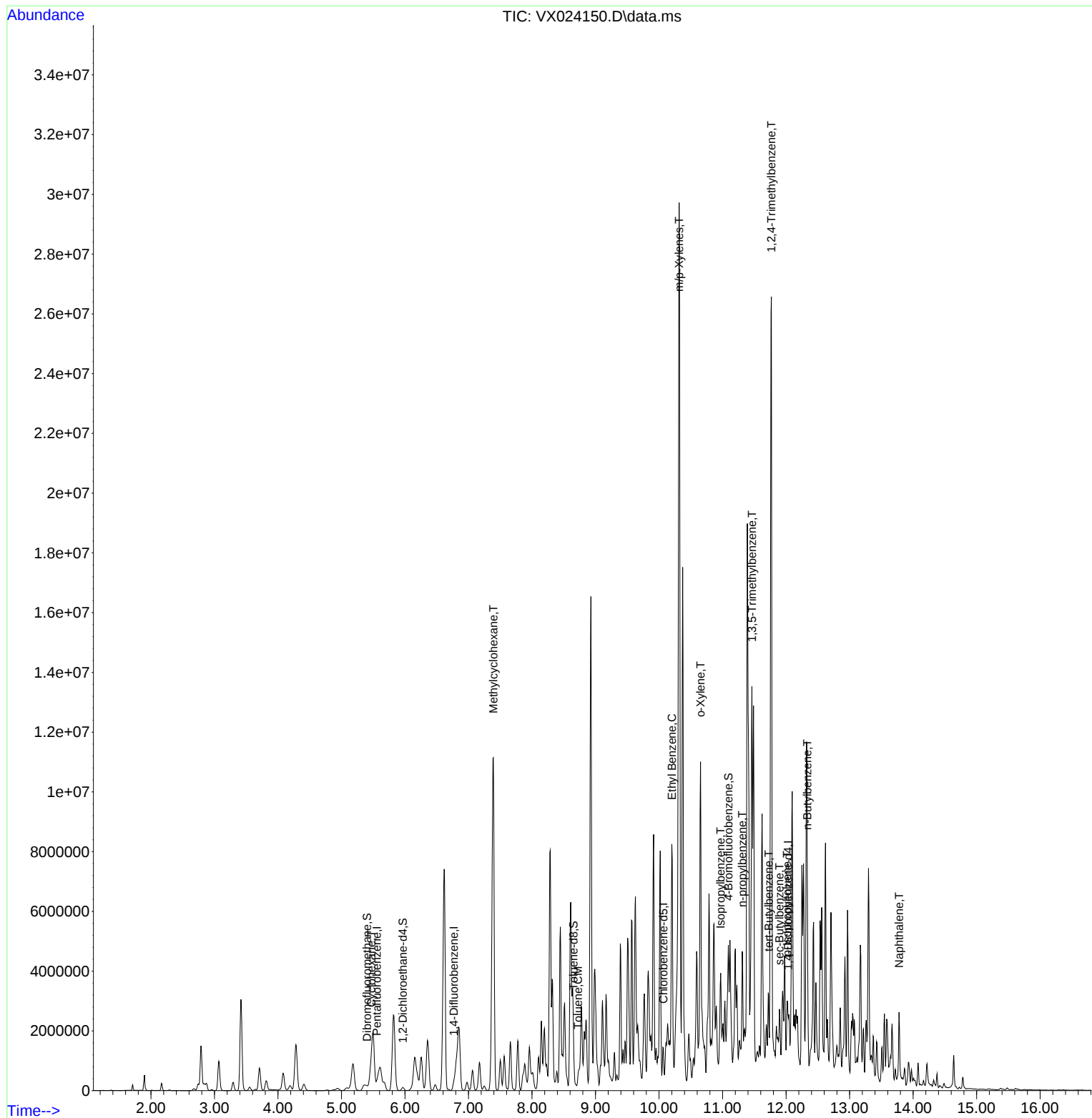
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
Data File : VX024150.D
Acq On : 09 Sep 2021 19:04
Operator : JC/MD
Sample : M3694-04
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

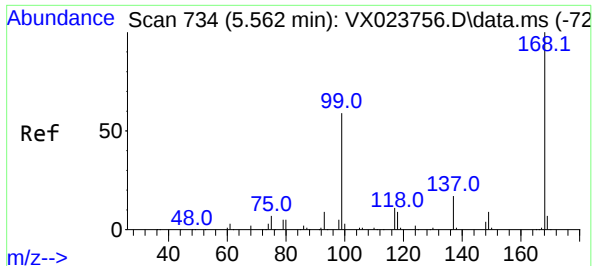
Instrument :
MSVOA_X
ClientSampleId :
S-4

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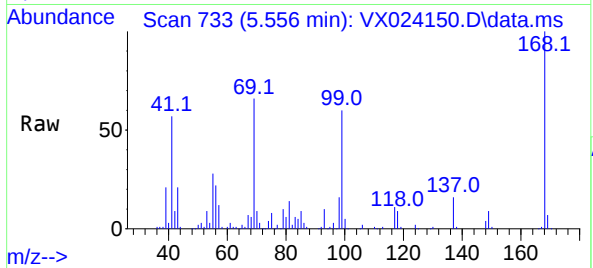
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

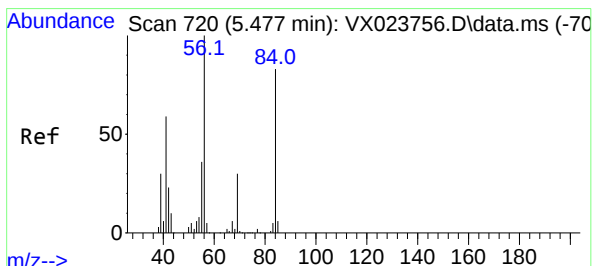
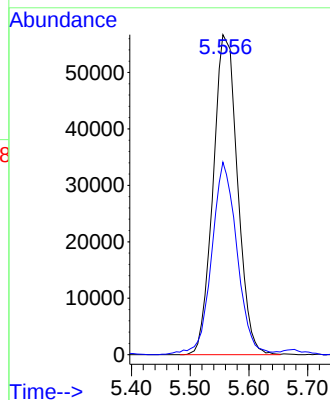
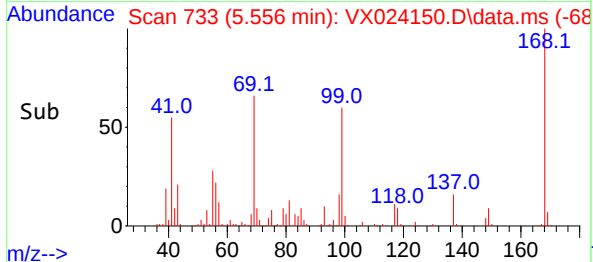
Instrument :
MSVOA_X
ClientSampled :
S-4



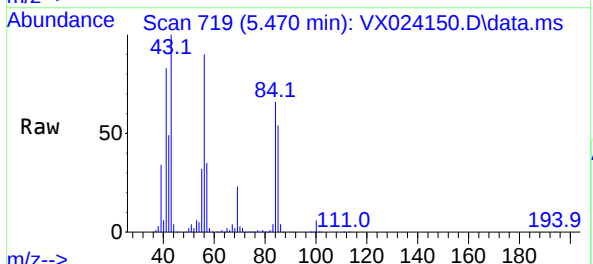
Tgt Ion:168 Resp: 163884
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6

Manual Integrations
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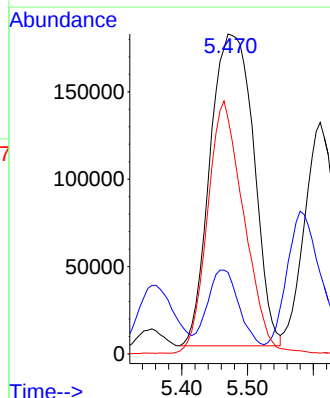
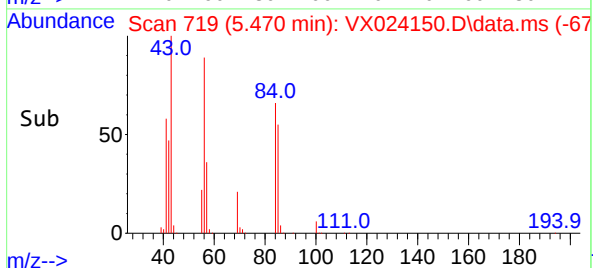
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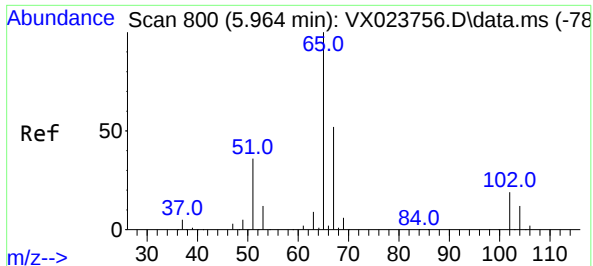


#31
Cyclohexane
Concen: 279.202 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04



Tgt Ion: 56 Resp: 820463
Ion Ratio Lower Upper
56 100
69 16.3 25.3 37.9#
84 74.5 71.4 107.0





#33

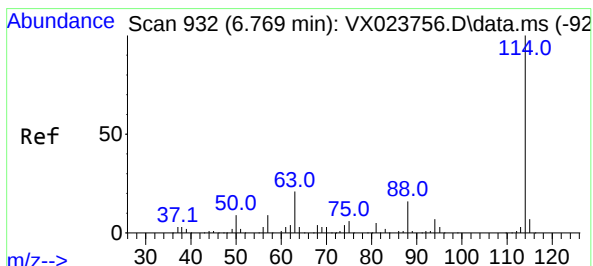
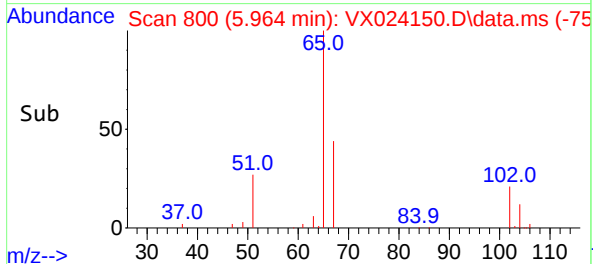
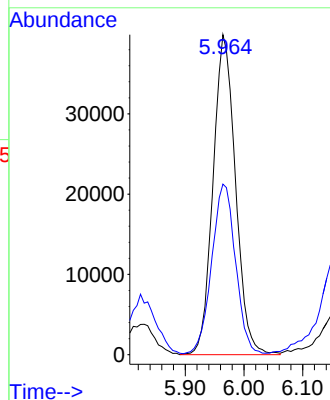
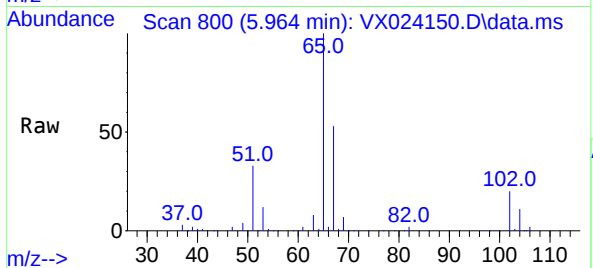
1,2-Dichloroethane-d4
Concen: 46.304 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion: 65 Resp: 105912
Ion Ratio Lower Upper
65 100
67 55.9 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
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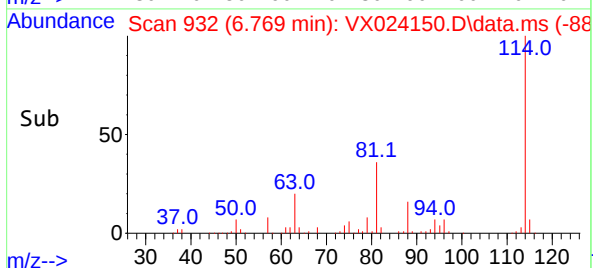
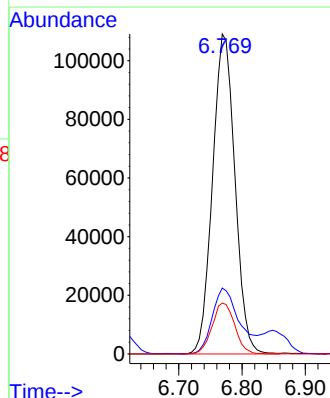
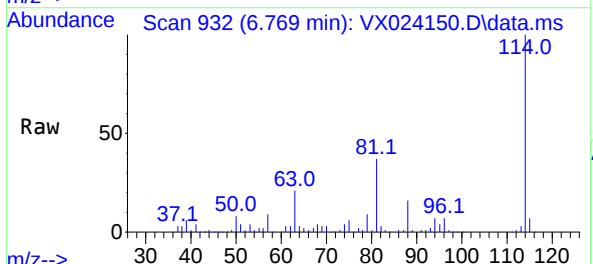
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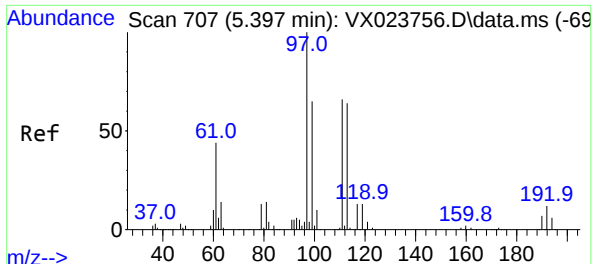


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

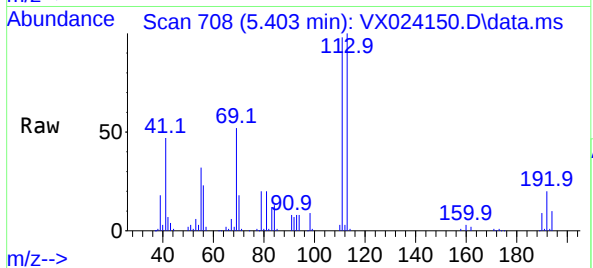
Tgt Ion: 114 Resp: 267892
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.9 0.0 32.8





#35
Dibromofluoromethane
Concen: 45.507 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

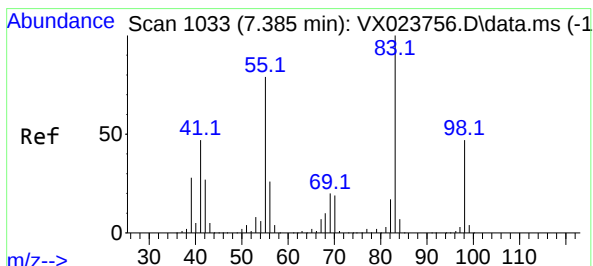
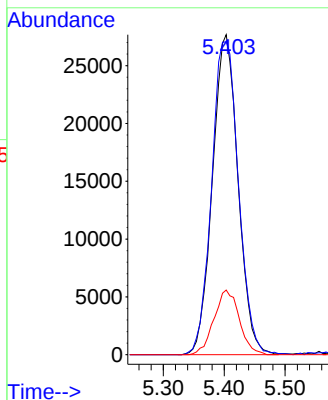
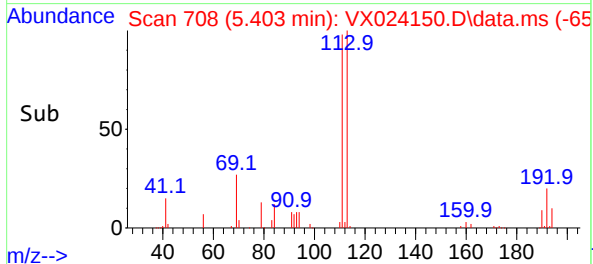
Instrument :
MSVOA_X
ClientSampled :
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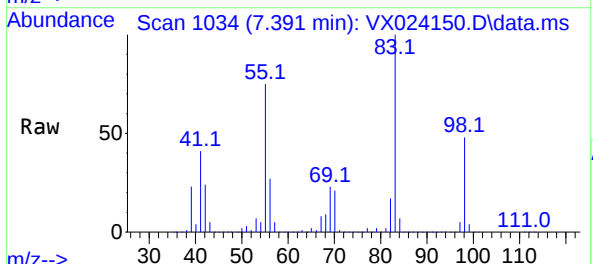
Tgt Ion:113 Resp: 80688
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.0 16.7 25.1

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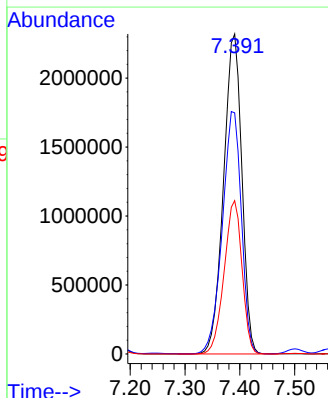
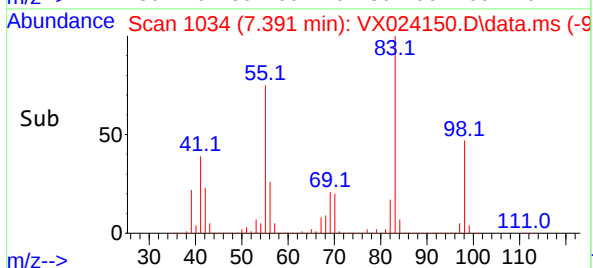
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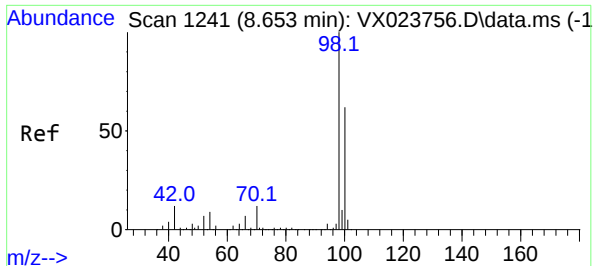


#39
Methylcyclohexane
Concen: 1782.215 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04



Tgt Ion: 83 Resp: 5383517
Ion Ratio Lower Upper
83 100
55 75.3 58.9 88.3
98 47.9 38.1 57.1





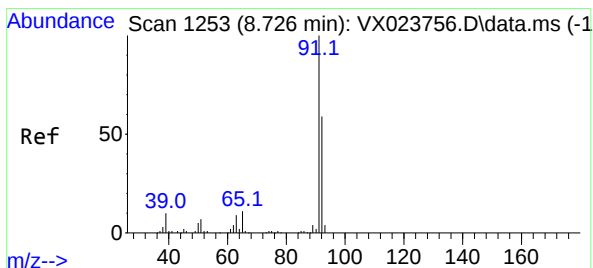
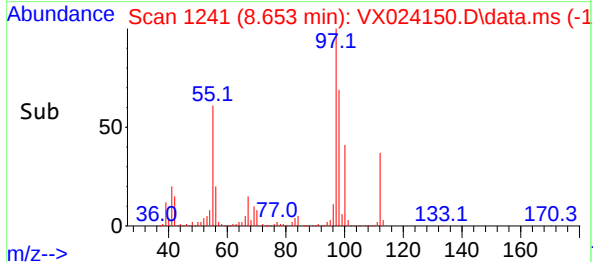
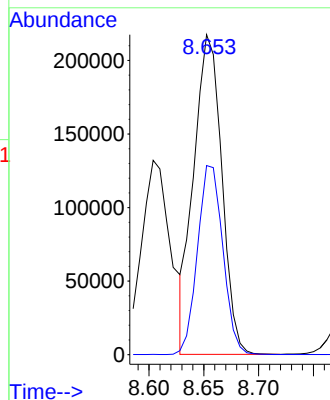
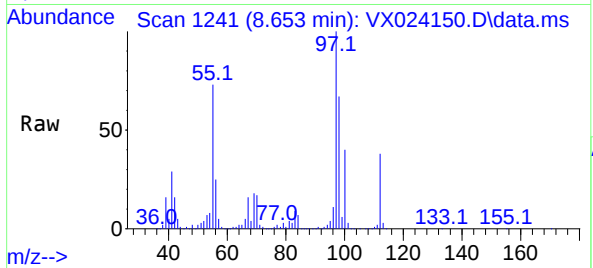
#50
Toluene-d8
Concen: 57.094 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion: 98 Resp: 385303
Ion Ratio Lower Upper
98 100
100 53.8 51.9 77.9

Instrument :
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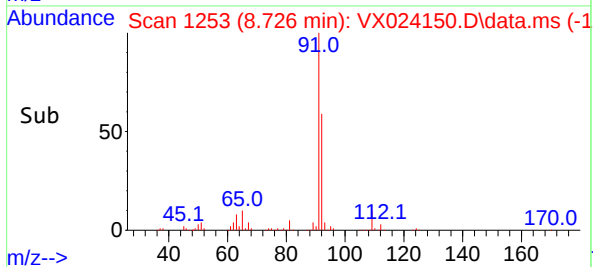
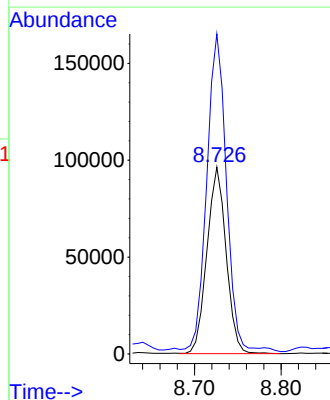
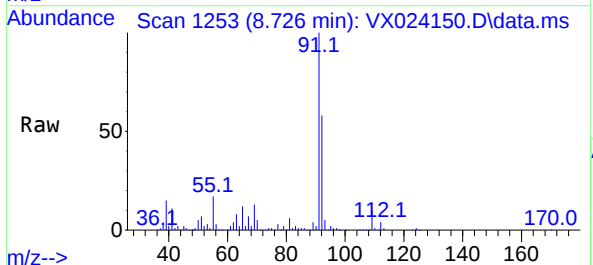
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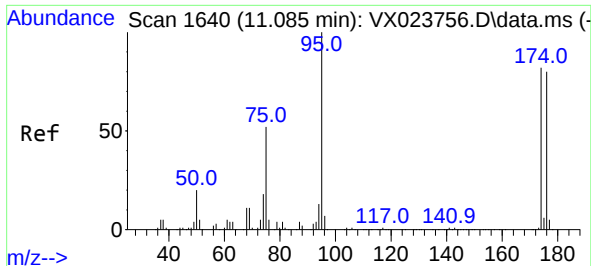
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#52
Toluene
Concen: 31.232 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion: 92 Resp: 148463
Ion Ratio Lower Upper
92 100
91 175.1 137.1 205.7





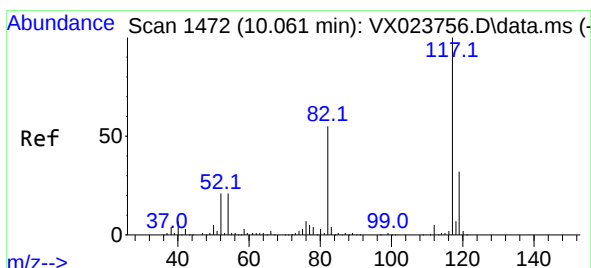
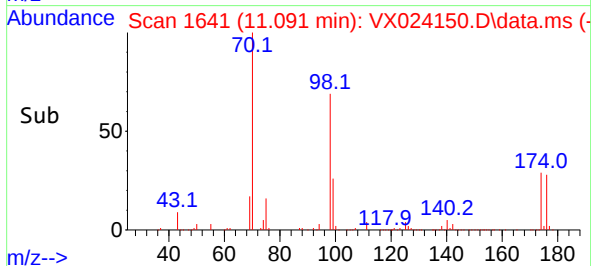
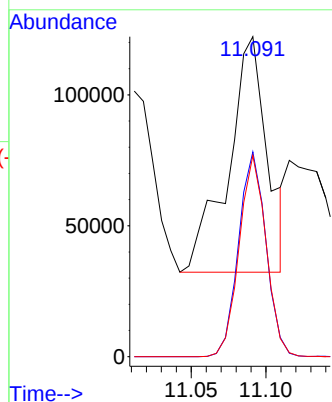
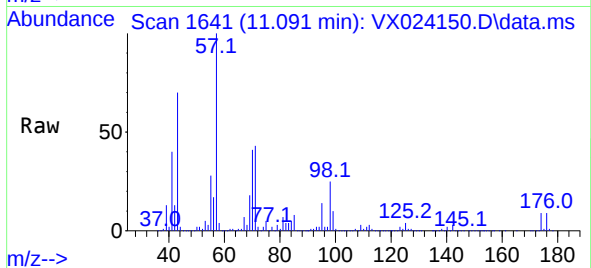
#62
4-Bromofluorobenzene
Concen: 65.600 ug/l
RT: 11.091 min Scan# 1641
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

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ClientSampleId :
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Tgt Ion: 95 Resp: 162971
Ion Ratio Lower Upper
95 100
174 61.1 0.0 154.6
176 59.2 0.0 155.8

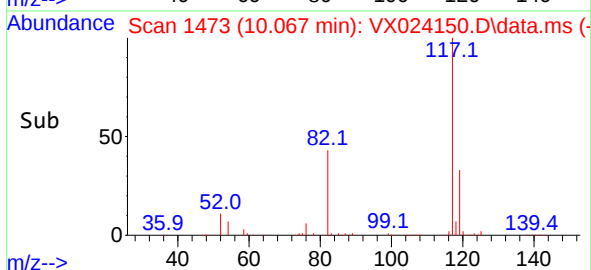
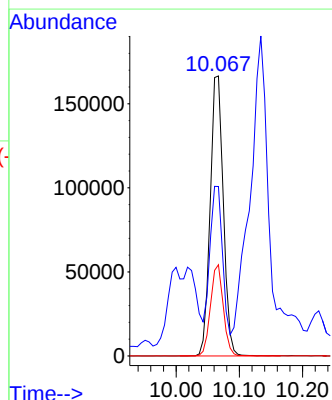
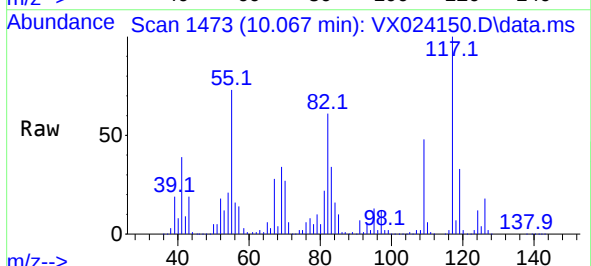
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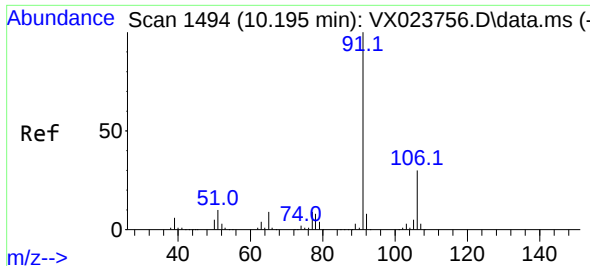
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.067 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

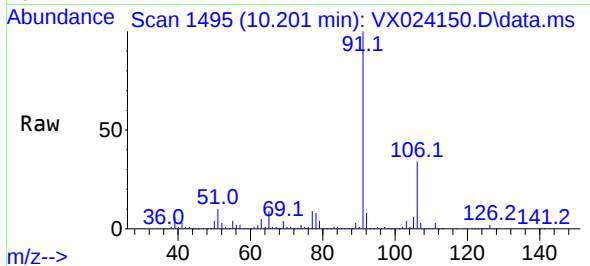
Tgt Ion: 117 Resp: 240634
Ion Ratio Lower Upper
117 100
82 43.4 47.4 71.2#
119 32.5 26.6 39.8





#67
Ethyl Benzene
Concen: 497.829 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

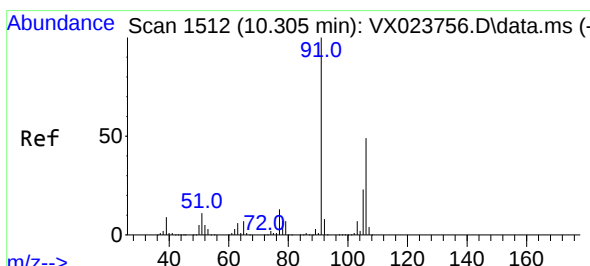
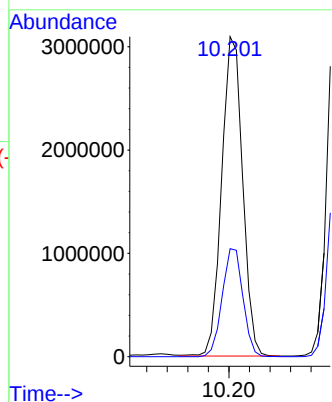
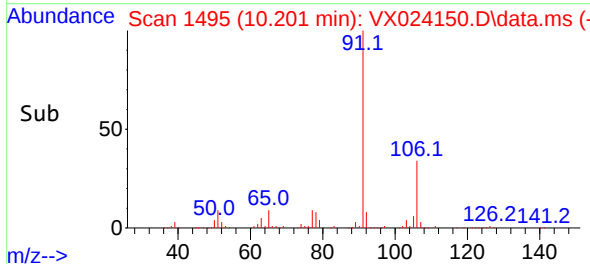
Instrument :
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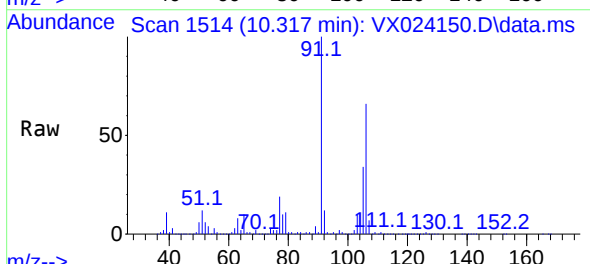
Tgt Ion: 91 Resp: 4365282
Ion Ratio Lower Upper
91 100
106 33.8 24.6 37.0

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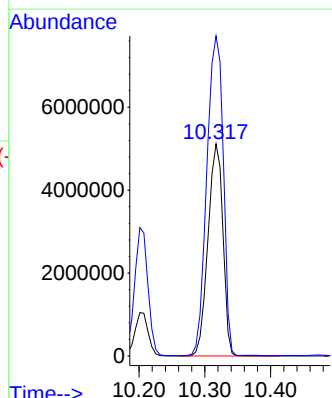
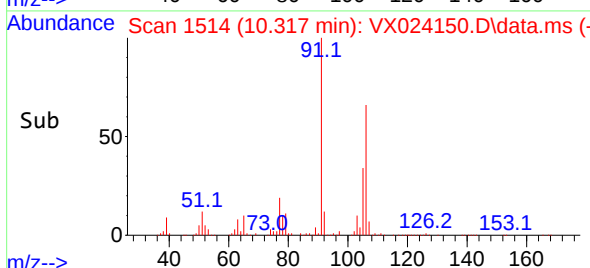
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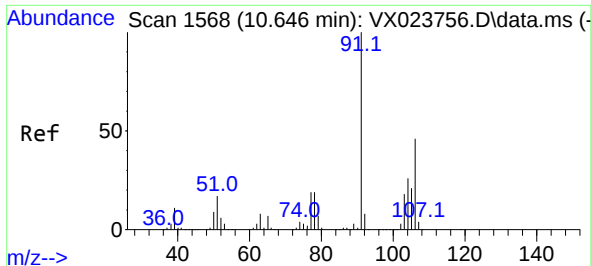


#68
m/p-Xylenes
Concen: 2408.980 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04



Tgt Ion: 106 Resp: 8045770
Ion Ratio Lower Upper
106 100
91 166.4 162.8 244.2





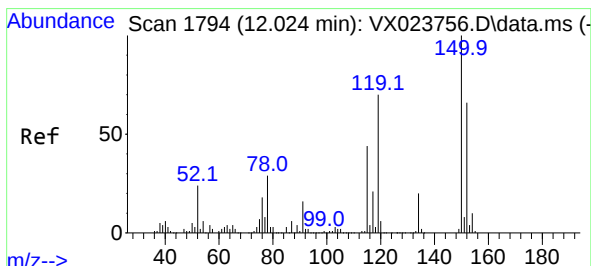
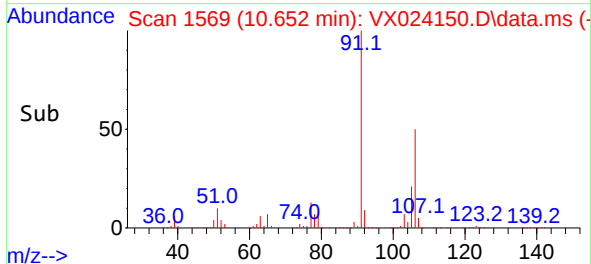
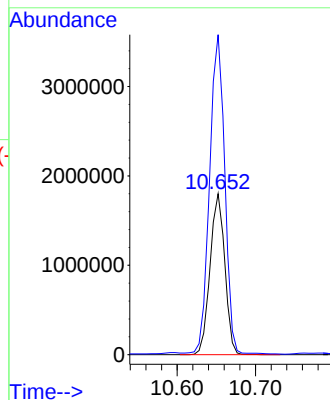
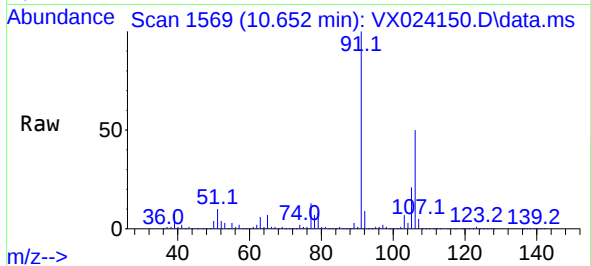
#69
o-Xylene
Concen: 713.312 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion:106 Resp: 2341184
Ion Ratio Lower Upper
106 100
91 205.4 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
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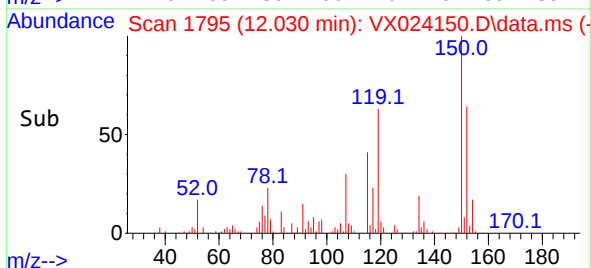
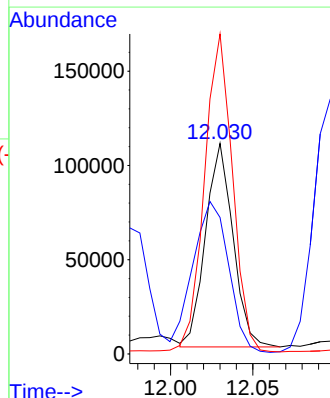
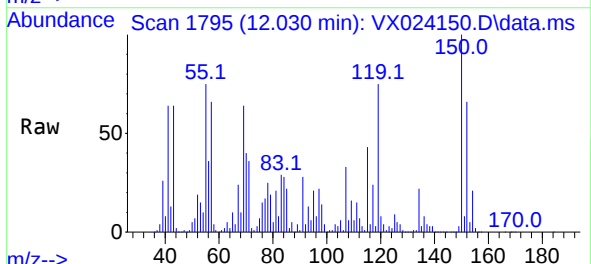
Manual Integrations
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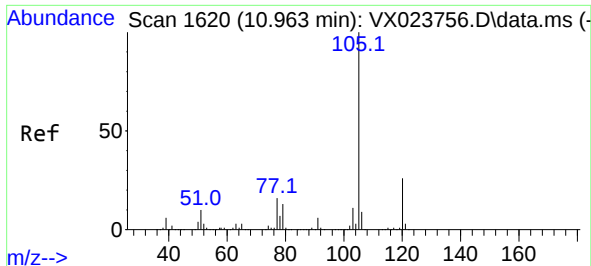
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

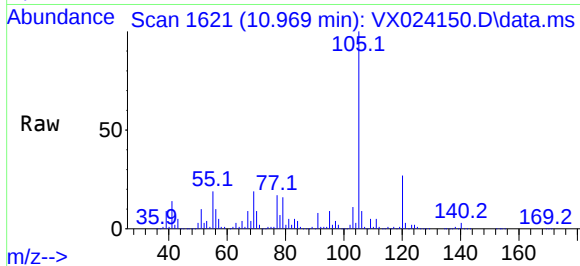
Tgt Ion:152 Resp: 125484
Ion Ratio Lower Upper
152 100
115 96.5 41.1 123.3
150 161.0 0.0 349.0





#73
Isopropylbenzene
Concen: 126.710 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

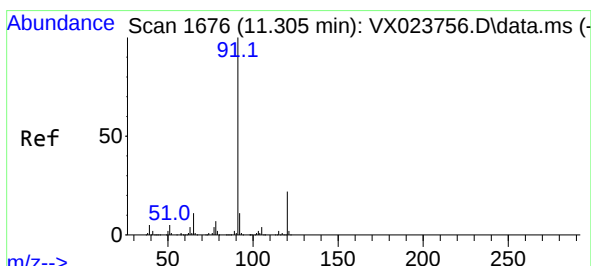
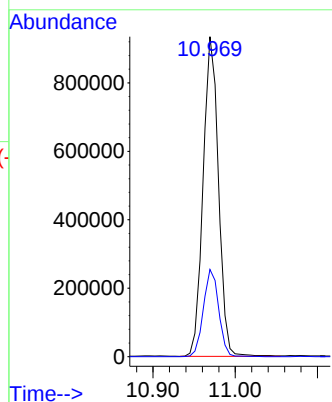
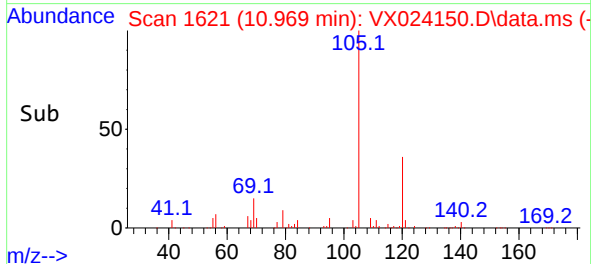
Instrument :
MSVOA_X
ClientSampled :
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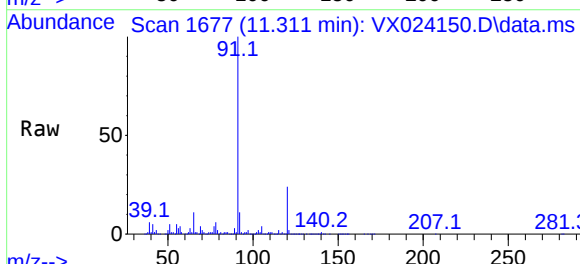
Tgt Ion:105 Resp: 1212786
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6

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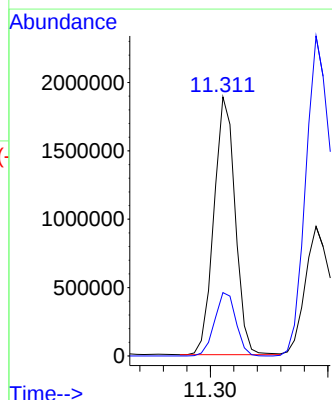
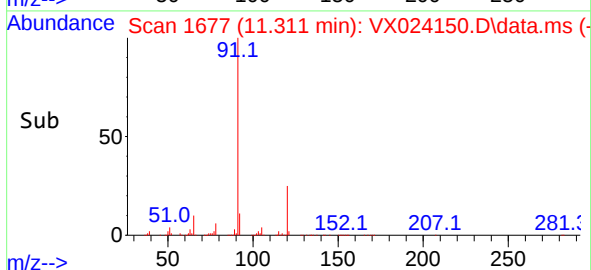
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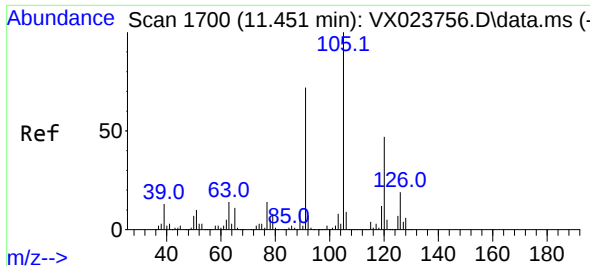


#78
n-propylbenzene
Concen: 216.853 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04



Tgt Ion: 91 Resp: 2373948
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.5





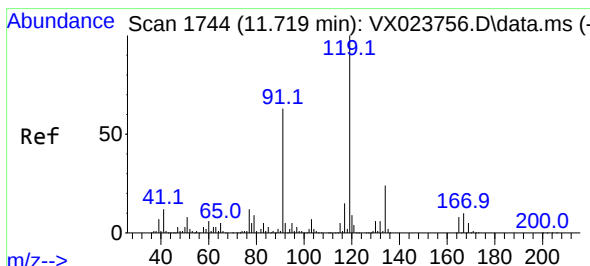
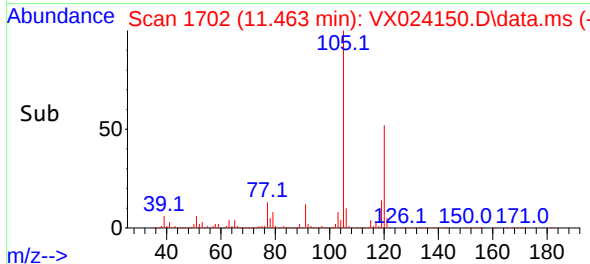
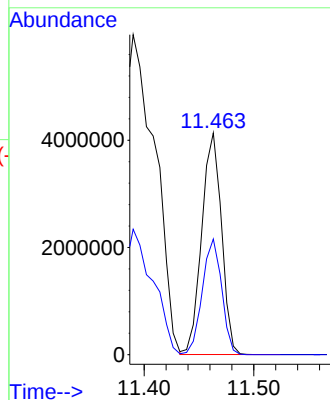
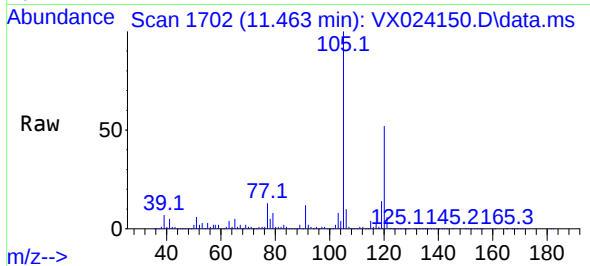
#80
1,3,5-Trimethylbenzene
Concen: 659.122 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion:105 Resp: 5184373
Ion Ratio Lower Upper
105 100
120 51.1 23.8 71.5

Instrument :
MSVOA_X
ClientSampled :
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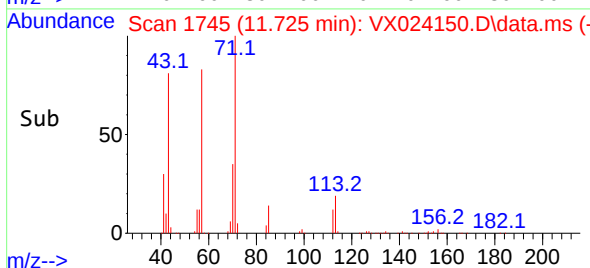
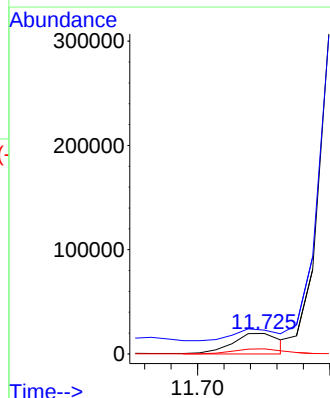
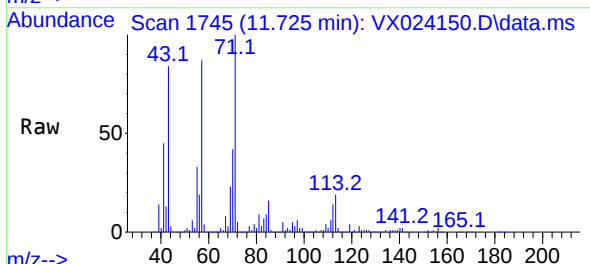
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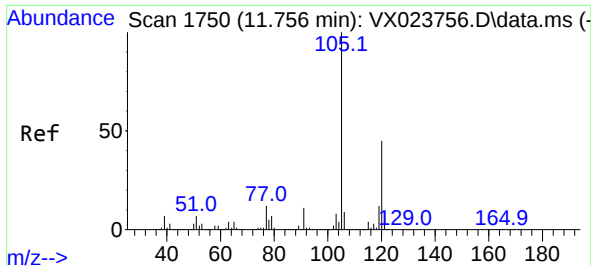
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#83
tert-Butylbenzene
Concen: 3.232 ug/l m
RT: 11.725 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

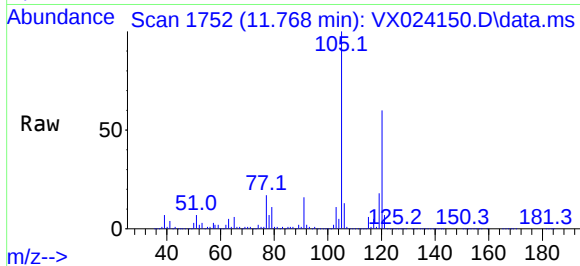
Tgt Ion:119 Resp: 24693
Ion Ratio Lower Upper
119 100
91 6163.2 27.9 83.7#
134 0.0 11.3 33.9#





#84
1,2,4-Trimethylbenzene
Concen: 1425.225 ug/l
RT: 11.768 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

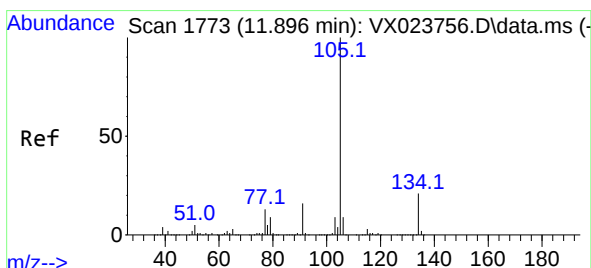
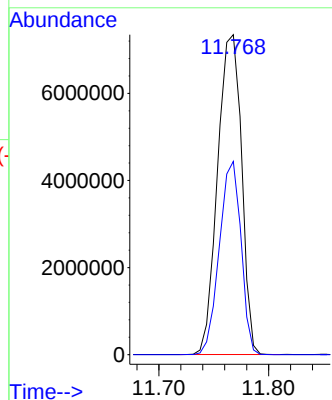
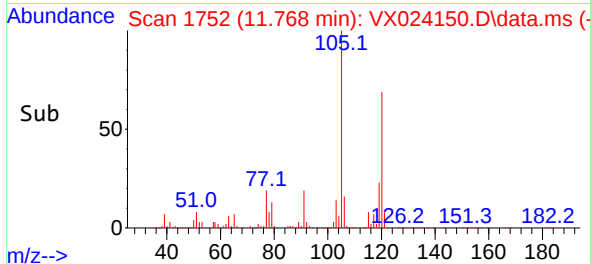
Instrument :
MSVOA_X
ClientSampled :
S-4



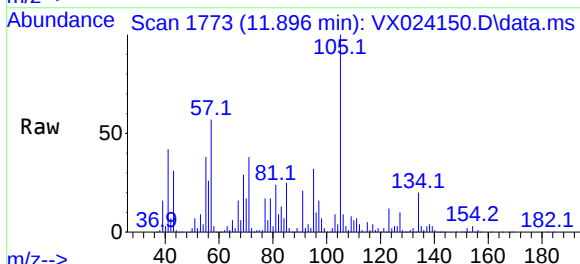
Tgt Ion:105 Resp:11177486
Ion Ratio Lower Upper
105 100
120 54.6 22.4 67.3

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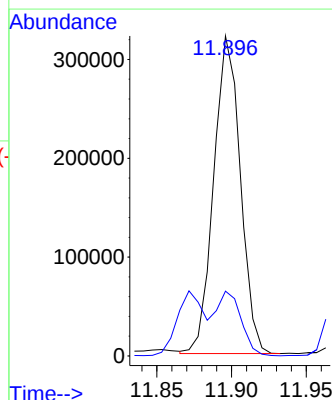
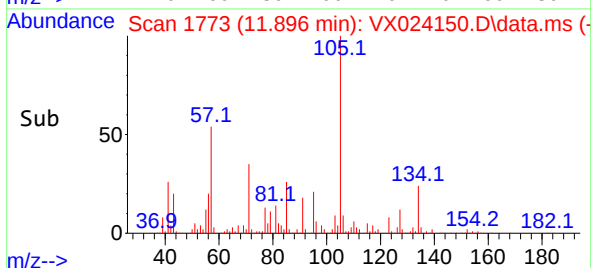
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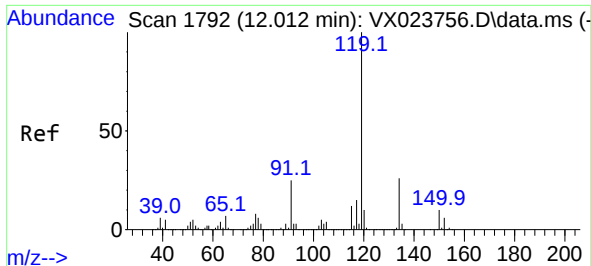


#85
sec-Butylbenzene
Concen: 41.146 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04



Tgt Ion:105 Resp: 397947
Ion Ratio Lower Upper
105 100
134 19.0 10.0 29.8





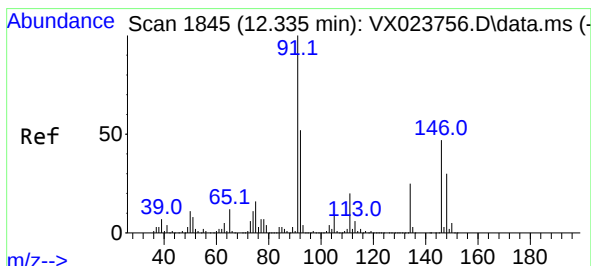
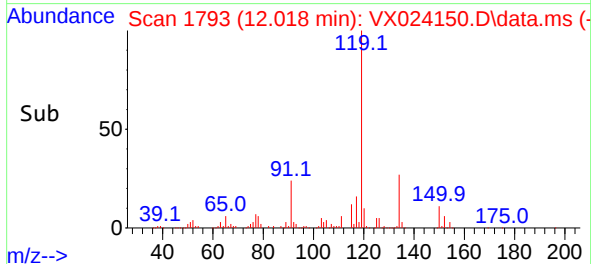
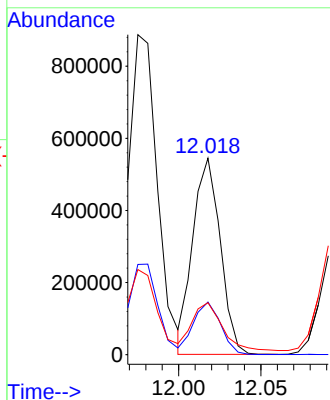
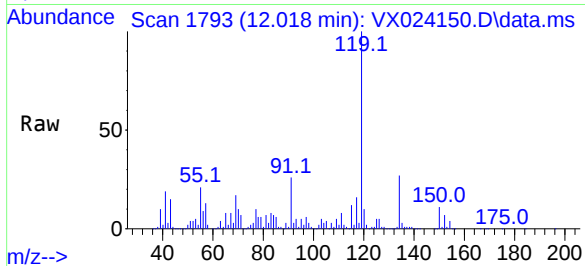
#86
p-Isopropyltoluene
Concen: 79.375 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion: 119 Resp: 631825
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.7
91 26.3 11.7 35.0

Instrument :
MSVOA_X
ClientSampled :
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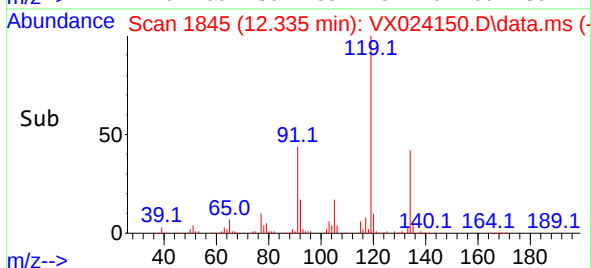
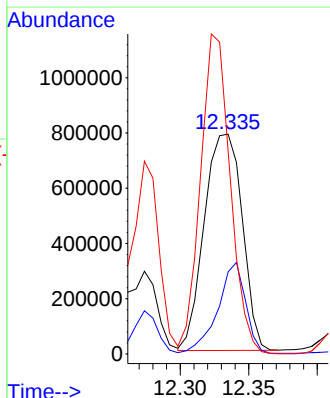
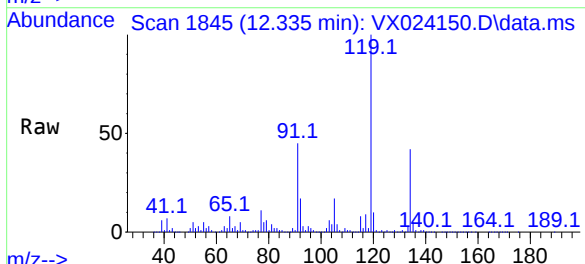
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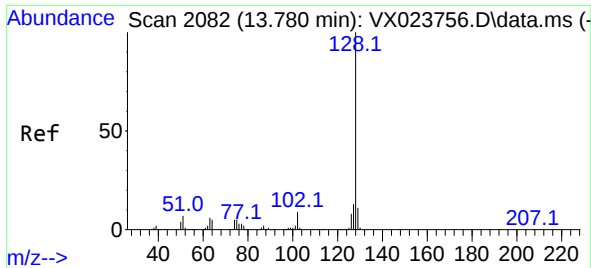
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#89
n-Butylbenzene
Concen: 212.527 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion: 91 Resp: 1510493
Ion Ratio Lower Upper
91 100
92 30.8 27.4 82.0
134 115.9 13.2 39.5#





#95
Naphthalene
Concen: 155.888 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024150.D
Acq: 09 Sep 2021 19:04

Tgt Ion:128 Resp: 1456387
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 12.4 8.8 13.2

Instrument :
MSVOA_X
ClientSampled :
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