

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024165.D
 Acq On : 10 Sep 2021 14:58
 Operator : JC/MD
 Sample : M3694-04DL 40X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-4DL

Manual Integrations
 APPROVED

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 9/13/2021 7:33:42 PM

Quant Time: Sep 11 04:23:28 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	5.562	168	151037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	105578	50.084	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.160%			
35) Dibromofluoromethane	5.397	113	81729	48.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.900%			
50) Toluene-d8	8.653	98	318925	49.674	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.085	95	124120	52.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.020%			
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	17958m	6.631	ug/l	
39) Methylcyclohexane	7.385	83	94538	32.897	ug/l	95
52) Toluene	8.720	92	3170	0.701	ug/l	98
67) Ethyl Benzene	10.195	91	102283	11.373	ug/l	99
68) m/p-Xylenes	10.305	106	219393	64.048	ug/l	96
69) o-Xylene	10.647	106	52813	15.689	ug/l	95
73) Isopropylbenzene	10.964	105	27204	3.195	ug/l	97
78) n-propylbenzene	11.305	91	51173	5.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	122972	17.573	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	338380	48.498	ug/l	99
85) sec-Butylbenzene	11.896	105	8866m	1.030	ug/l	
86) p-Isopropyltoluene	12.012	119	12890	1.820	ug/l	92
89) n-Butylbenzene	12.323	91	30544	4.831	ug/l #	24
95) Naphthalene	13.780	128	24251	4.176	ug/l	98

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

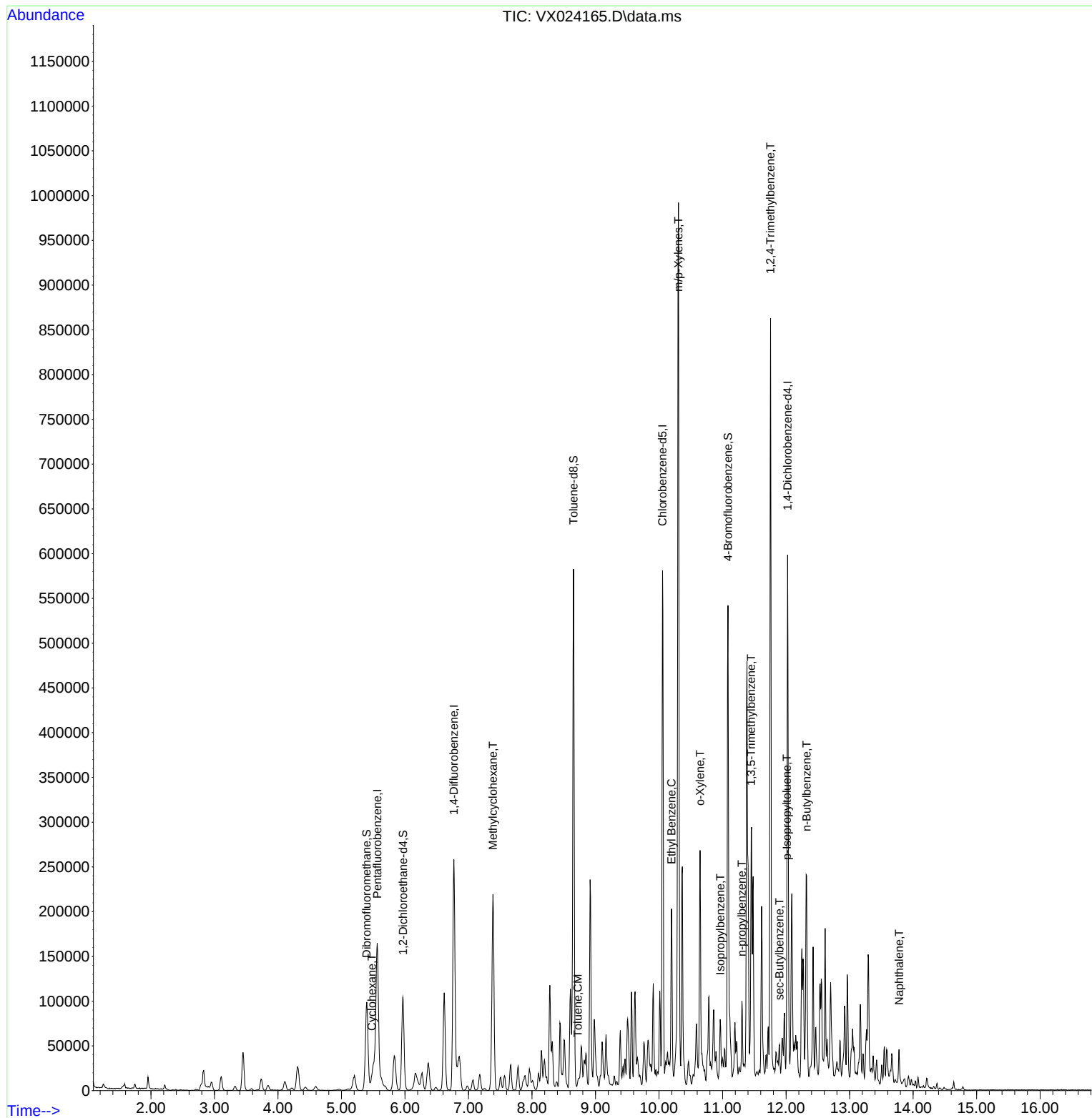
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
Data File : VX024165.D
Acq On : 10 Sep 2021 14:58
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Instrument :
MSVOA_X
ClientSampleId :
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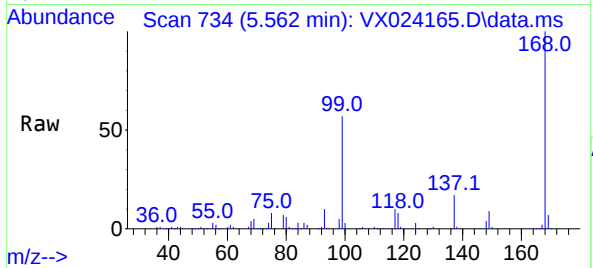
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

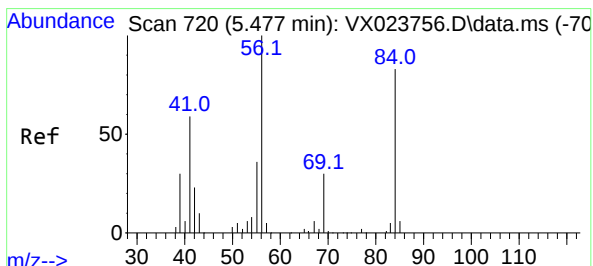
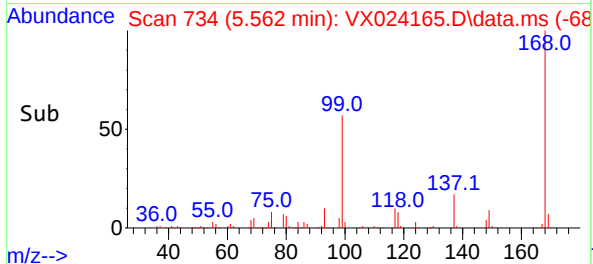
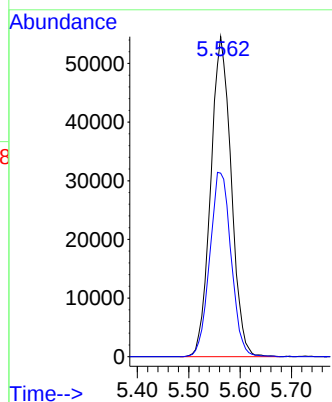
Instrument :
MSVOA_X
ClientSampled :
S-4DL



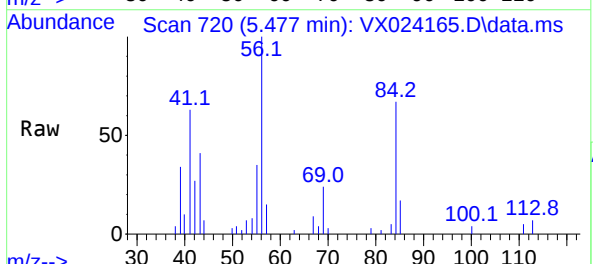
Tgt Ion:168 Resp: 151037
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6

Manual Integrations
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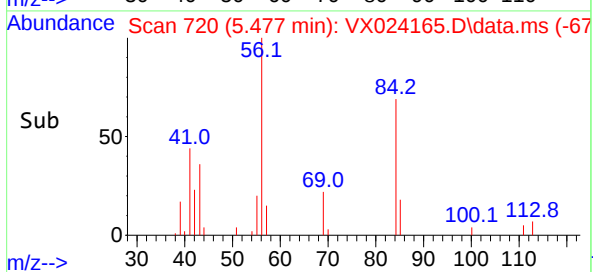
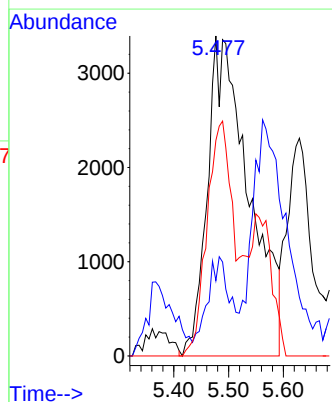
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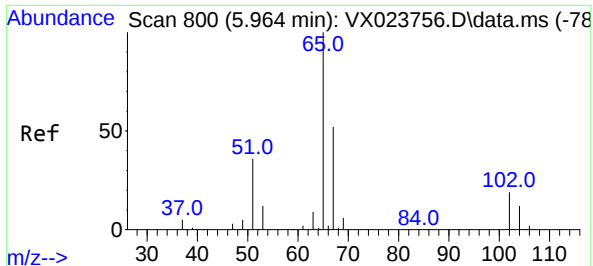


#31
Cyclohexane
Concen: 6.631 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58



Tgt Ion: 56 Resp: 17958
Ion Ratio Lower Upper
56 100
69 23.5 25.3 37.9#
84 67.3 71.4 107.0#





#33

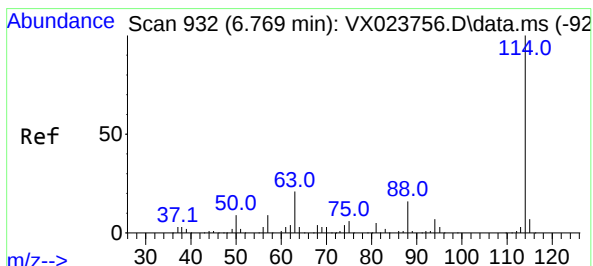
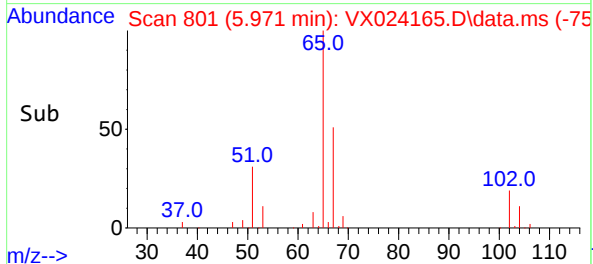
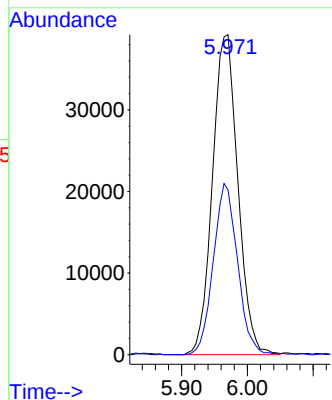
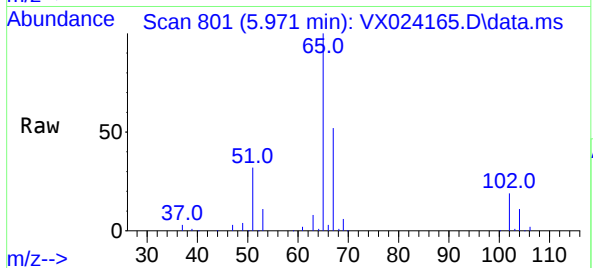
1,2-Dichloroethane-d4
Concen: 50.084 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion: 65 Resp: 105578
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
S-4DL

Manual Integrations
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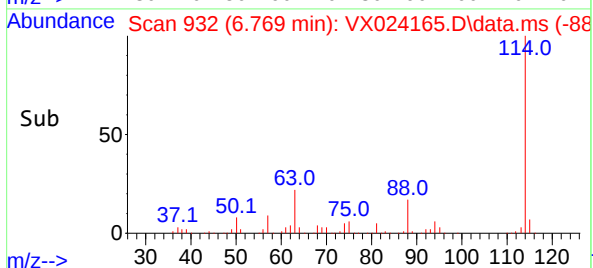
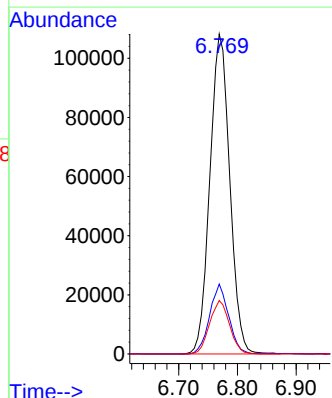
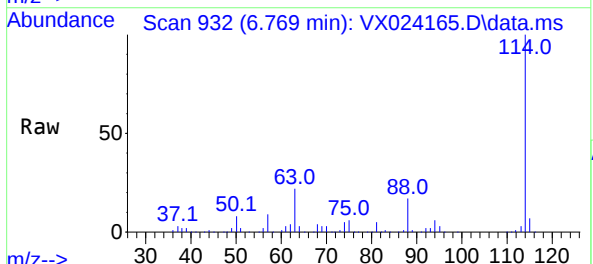
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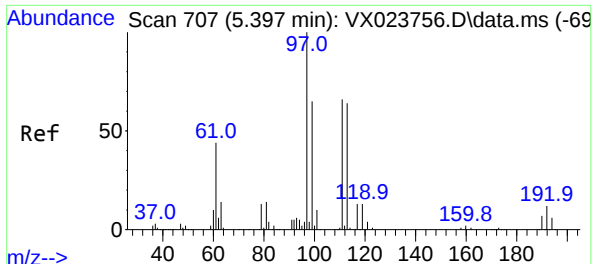


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

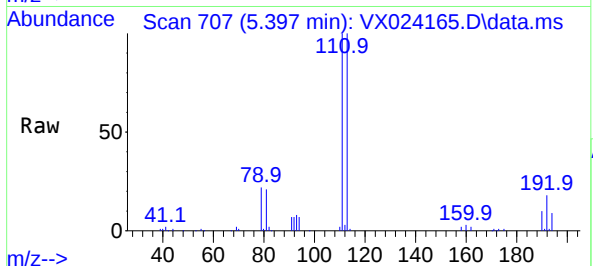
Tgt Ion: 114 Resp: 254865
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.450 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

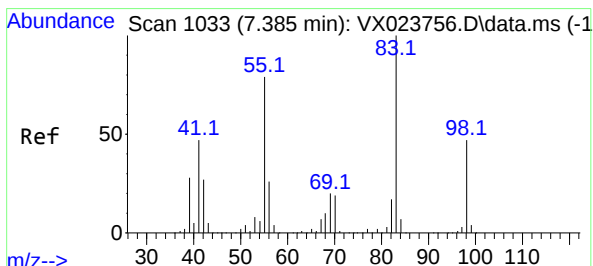
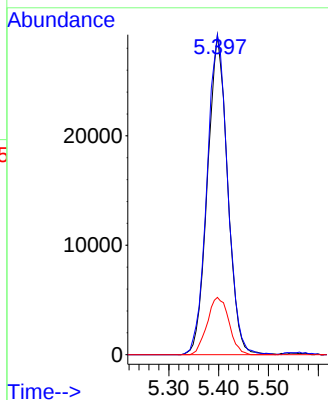
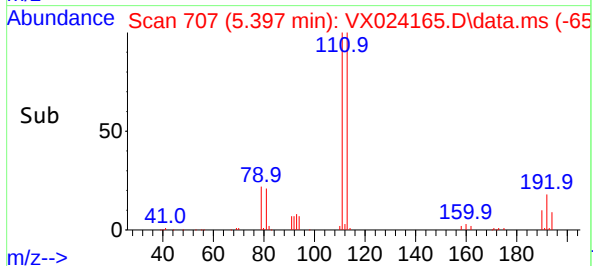
Instrument :
MSVOA_X
ClientSampled :
S-4DL



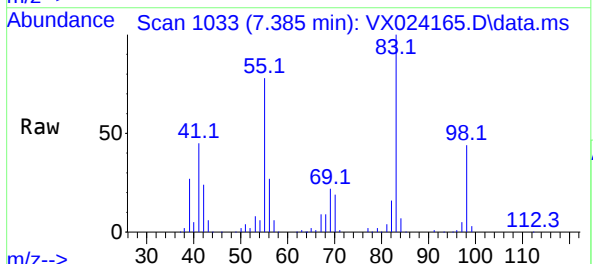
Tgt Ion:113 Resp: 81729
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.4 16.7 25.1

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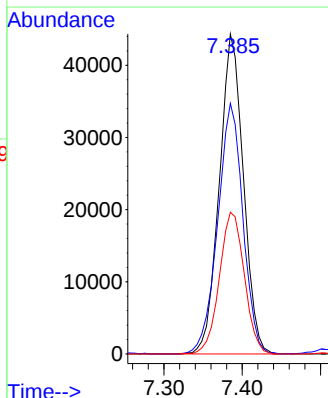
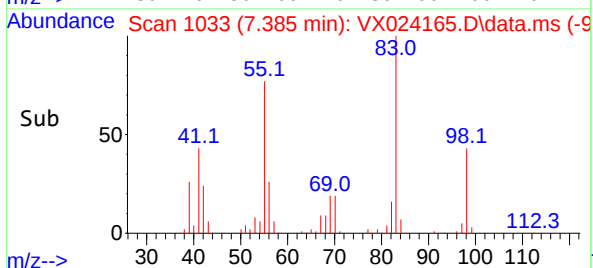
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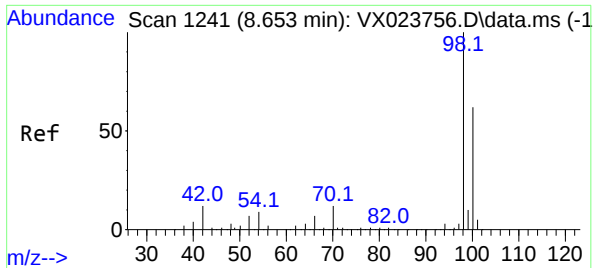


#39
Methylcyclohexane
Concen: 32.897 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58



Tgt Ion: 83 Resp: 94538
Ion Ratio Lower Upper
83 100
55 78.3 58.9 88.3
98 44.3 38.1 57.1





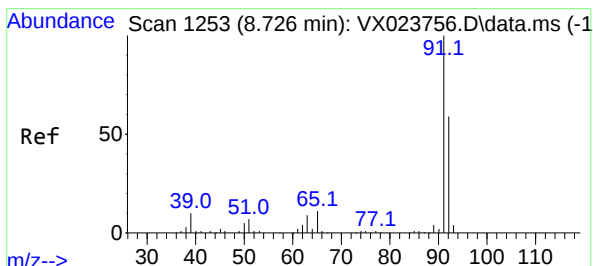
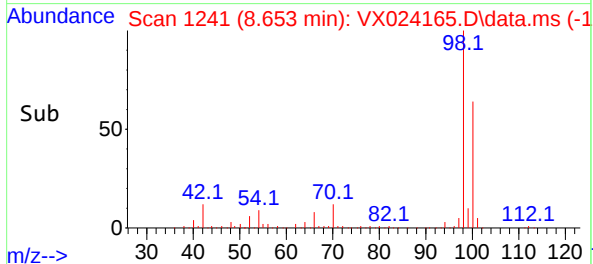
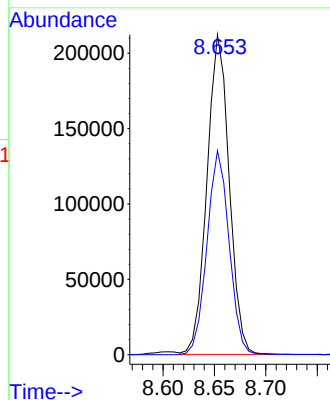
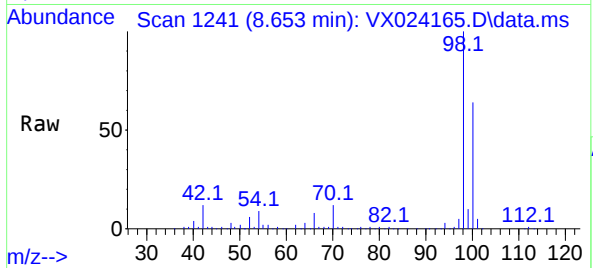
#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion: 98 Resp: 318925
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

Instrument :
MSVOA_X
ClientSampled :
S-4DL

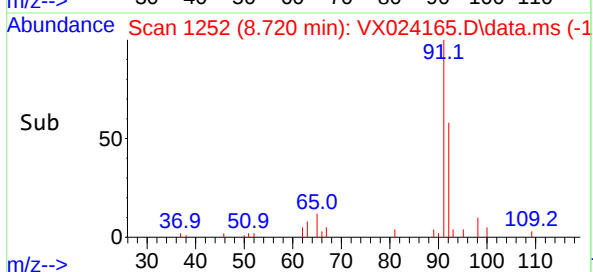
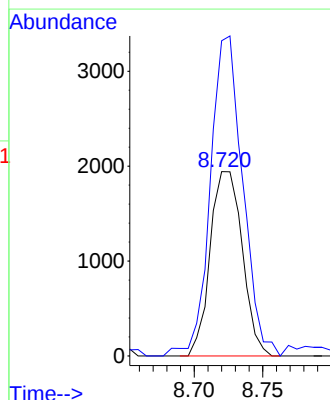
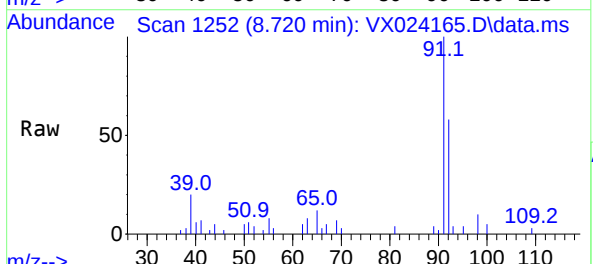
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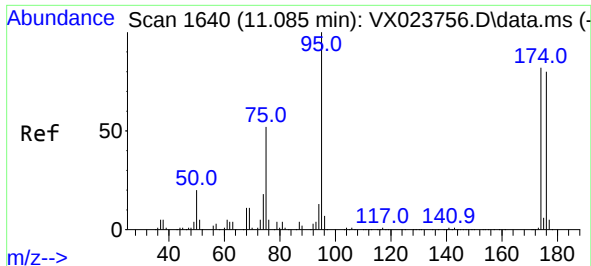
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#52
Toluene
Concen: 0.701 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

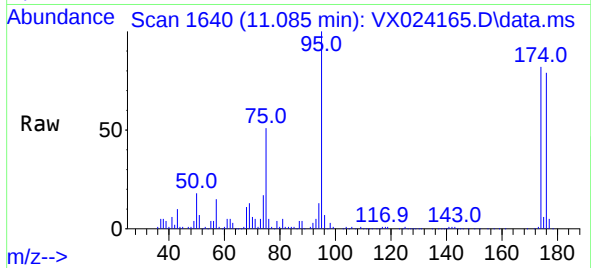
Tgt Ion: 92 Resp: 3170
Ion Ratio Lower Upper
92 100
91 174.8 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 52.515 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

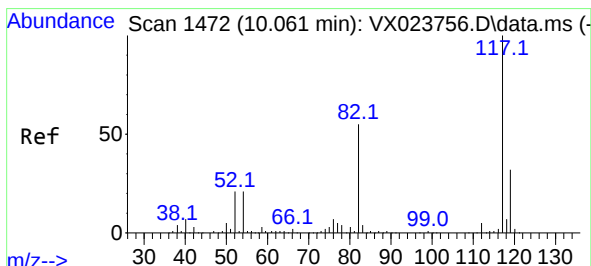
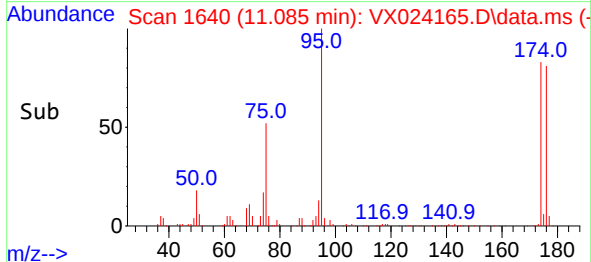
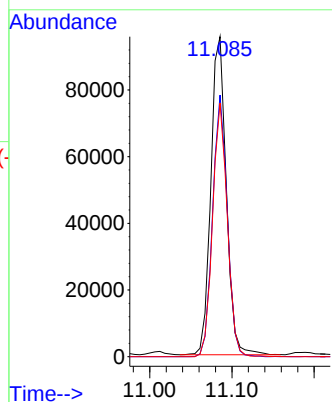
Instrument :
MSVOA_X
ClientSampled :
S-4DL



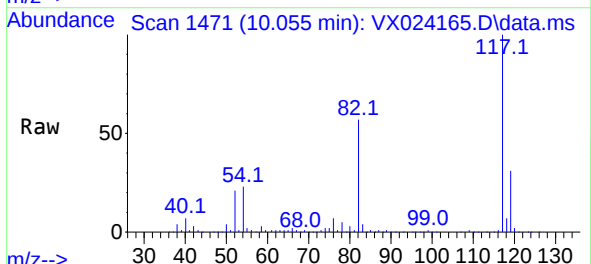
Tgt Ion: 95 Resp: 124120
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 76.1 0.0 155.8

Manual Integrations
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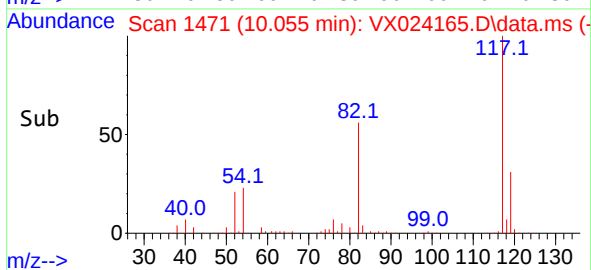
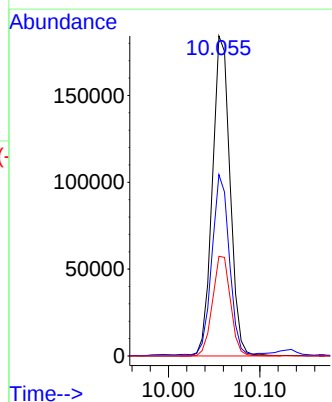
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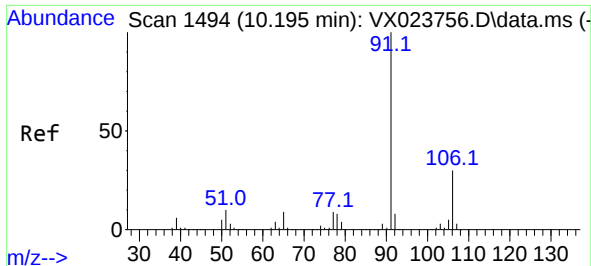


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58



Tgt Ion: 117 Resp: 246797
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.1 26.6 39.8





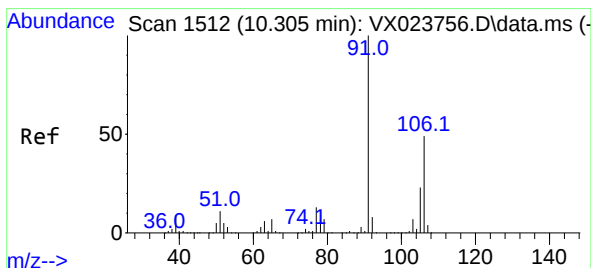
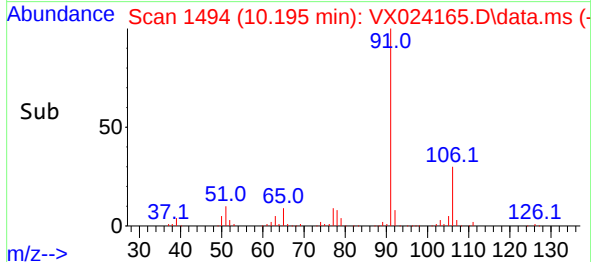
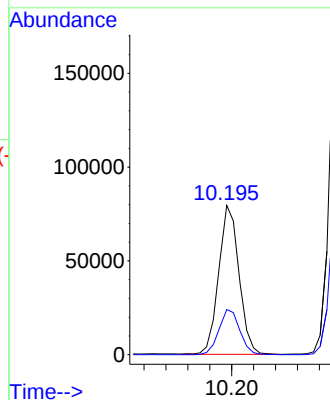
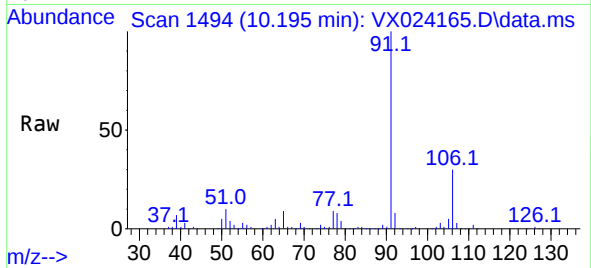
#67
Ethyl Benzene
Concen: 11.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion: 91 Resp: 102283
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

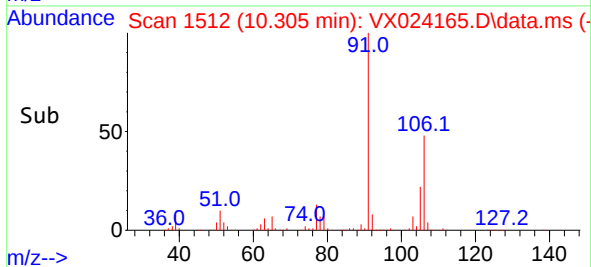
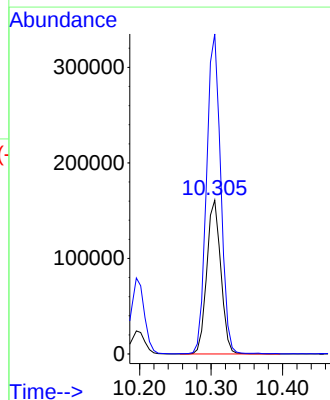
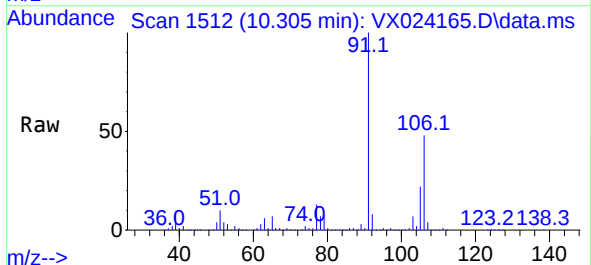
Manual Integrations
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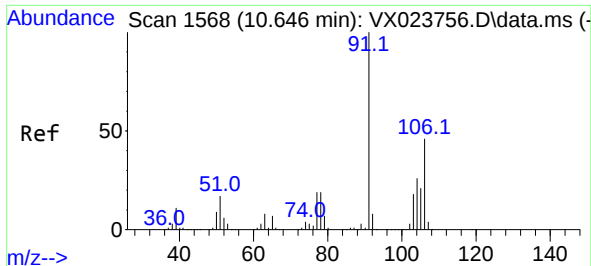
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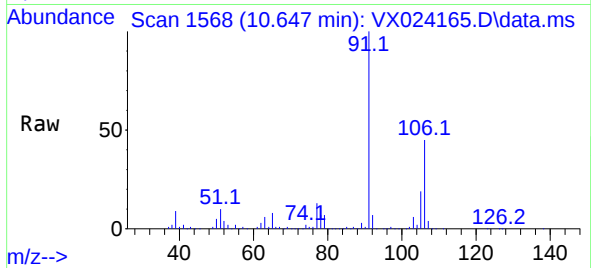
#68
m/p-Xylenes
Concen: 64.048 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion: 106 Resp: 219393
Ion Ratio Lower Upper
106 100
91 209.6 162.8 244.2

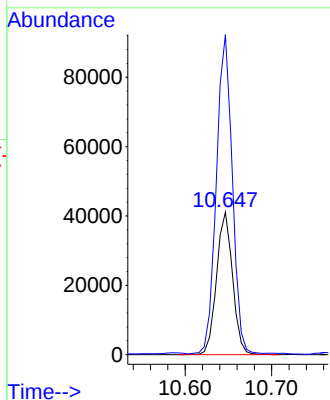
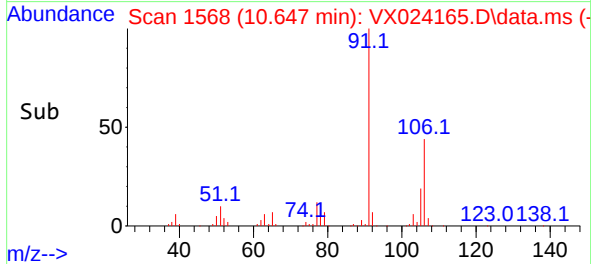




#69
o-Xylene
Concen: 15.689 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58



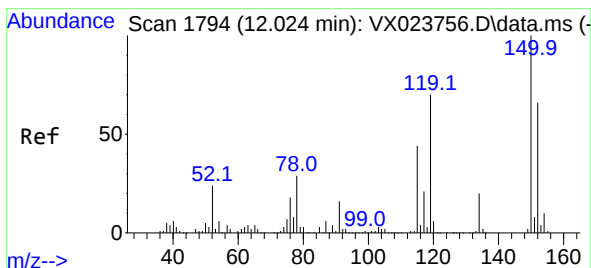
Tgt Ion:106 Resp: 52813
Ion Ratio Lower Upper
106 100
91 224.1 108.1 324.2



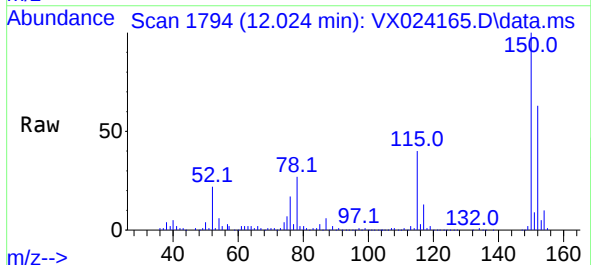
Instrument :
MSVOA_X
ClientSampled :
S-4DL

Manual Integrations
APPROVED

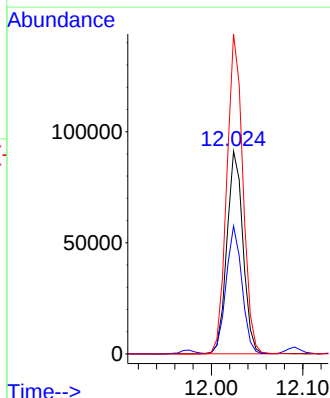
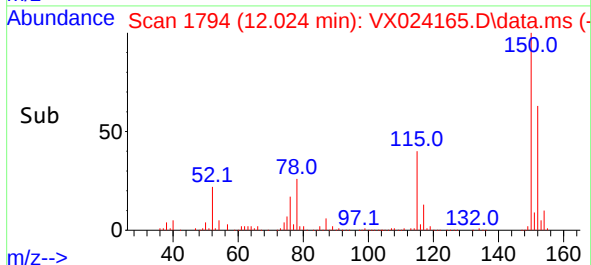
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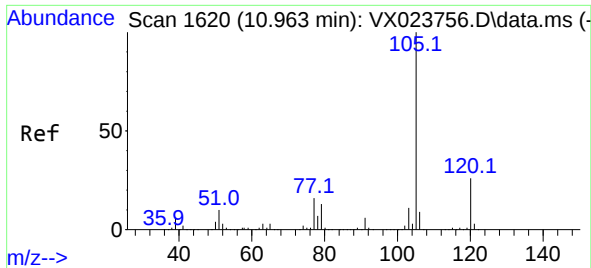


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58



Tgt Ion:152 Resp: 111638
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 157.8 0.0 349.0





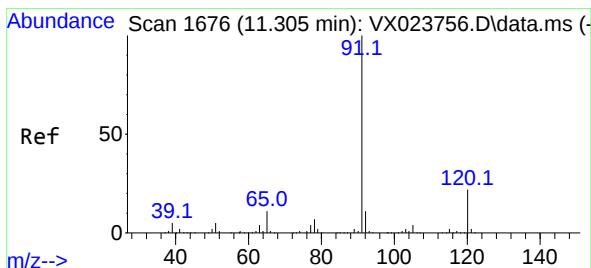
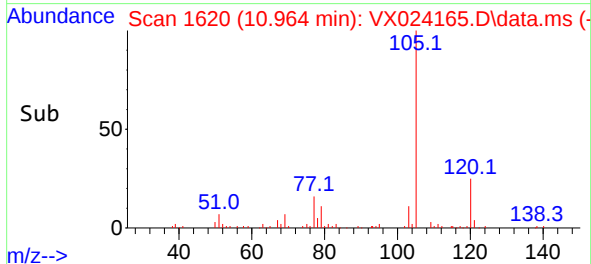
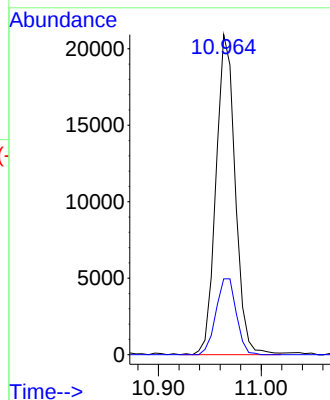
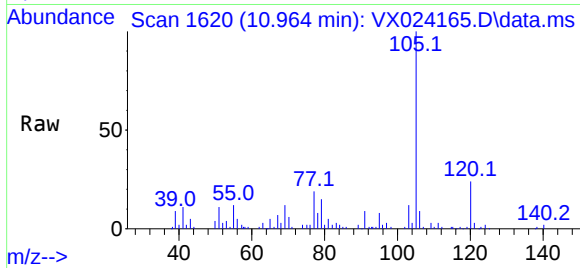
#73
Isopropylbenzene
Concen: 3.195 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.0	13.2	39.6

Instrument :
MSVOA_X
ClientSampled :
S-4DL

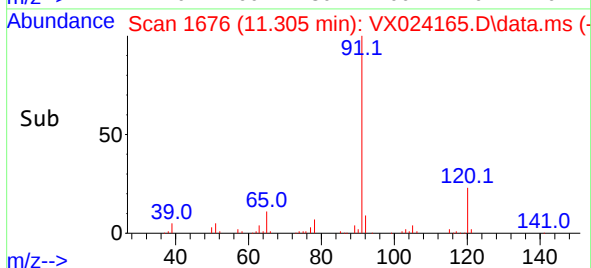
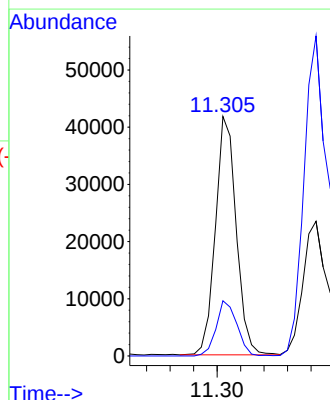
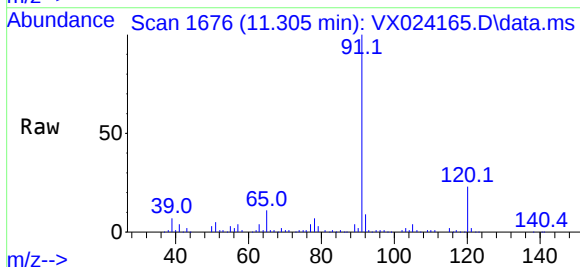
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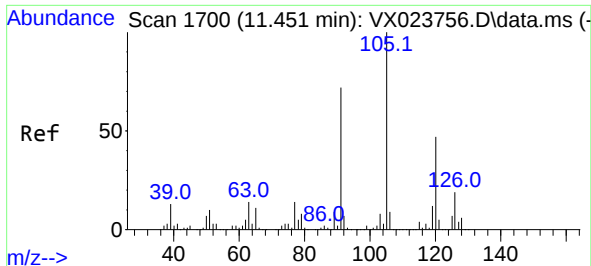
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#78
n-propylbenzene
Concen: 5.254 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5





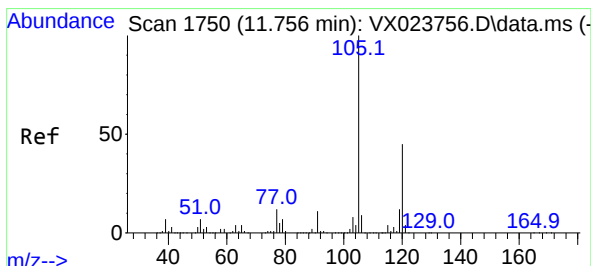
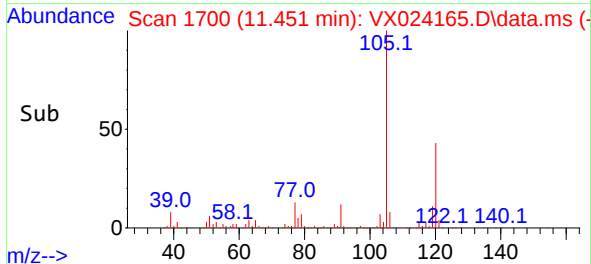
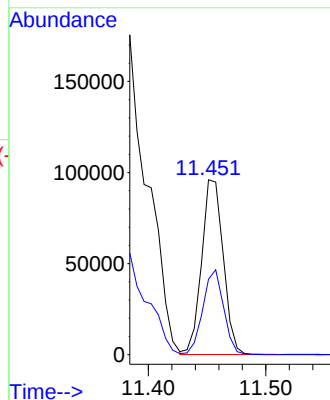
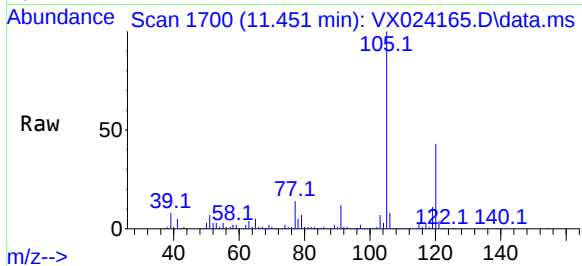
#80
1,3,5-Trimethylbenzene
Concen: 17.573 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion:105 Resp: 122972
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.5

Instrument :
MSVOA_X
ClientSampleId :
S-4DL

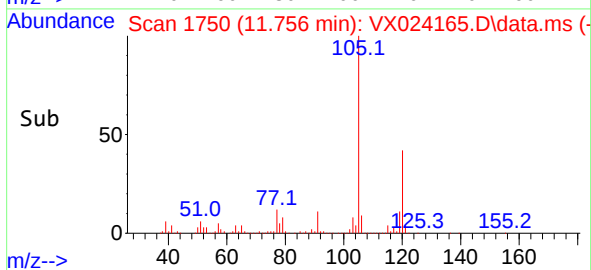
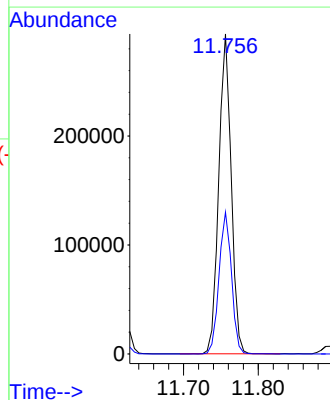
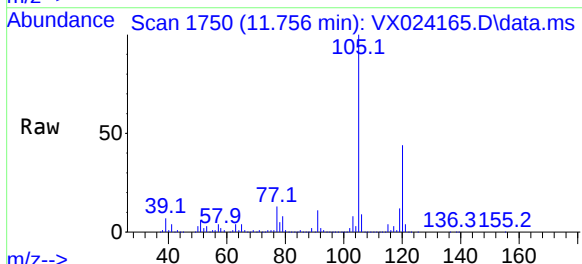
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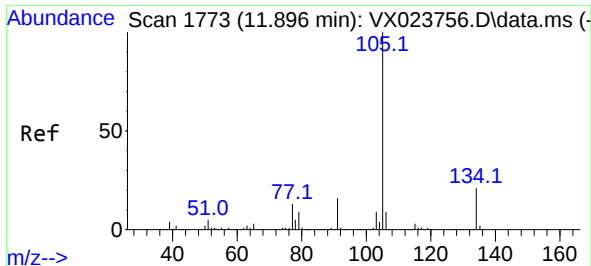
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#84
1,2,4-Trimethylbenzene
Concen: 48.498 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

Tgt Ion:105 Resp: 338380
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





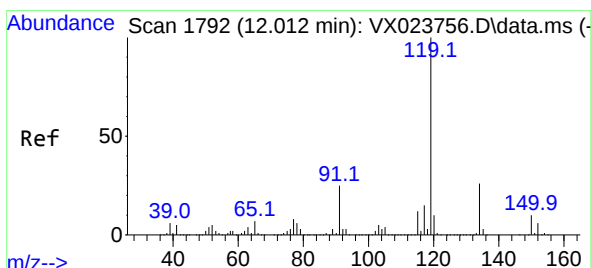
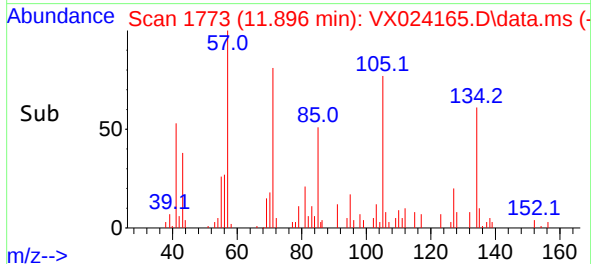
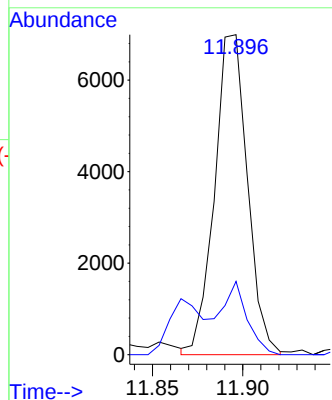
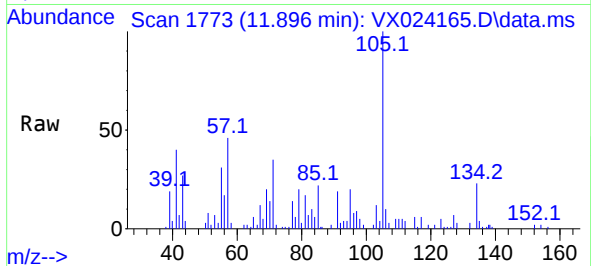
#85
 sec-Butylbenzene
 Concen: 1.030 ug/l m
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX024165.D
 Acq: 10 Sep 2021 14:58

Instrument :
 MSVOA_X
 ClientSampled :
 S-4DL

Tgt Ion:105 Resp: 8866
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

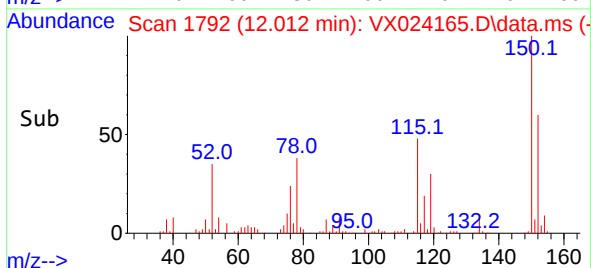
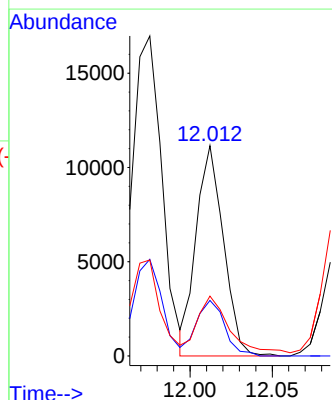
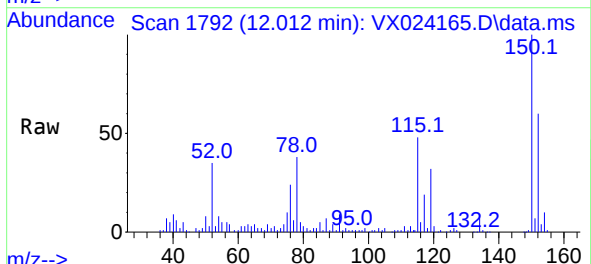
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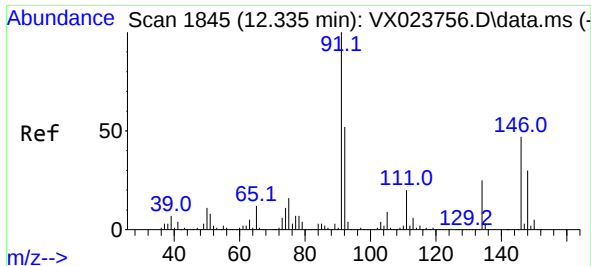
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#86
 p-Isopropyltoluene
 Concen: 1.820 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX024165.D
 Acq: 10 Sep 2021 14:58

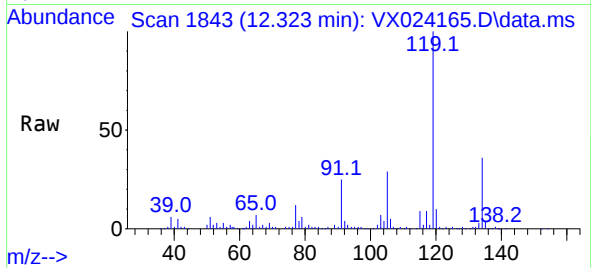
Tgt Ion:119 Resp: 12890
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.7
 91 30.2 11.7 35.0





#89
n-Butylbenzene
Concen: 4.831 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58

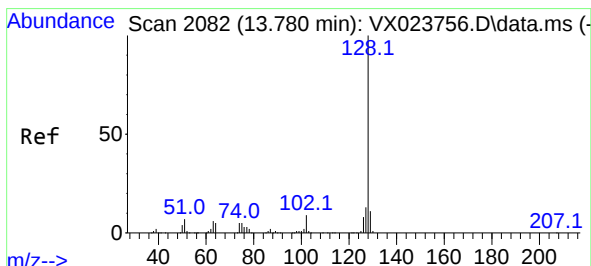
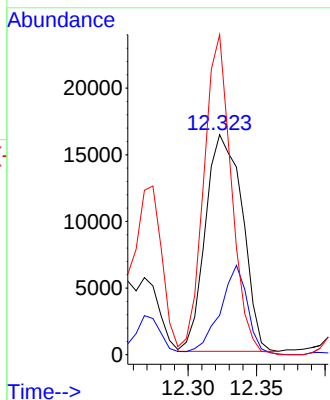
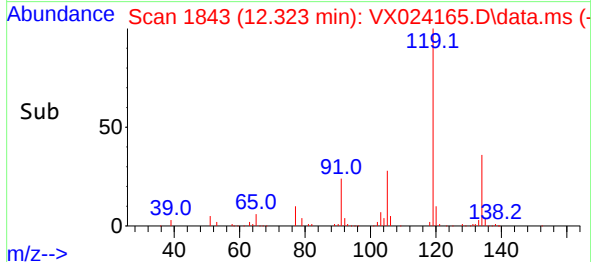
Instrument :
MSVOA_X
ClientSampled :
S-4DL



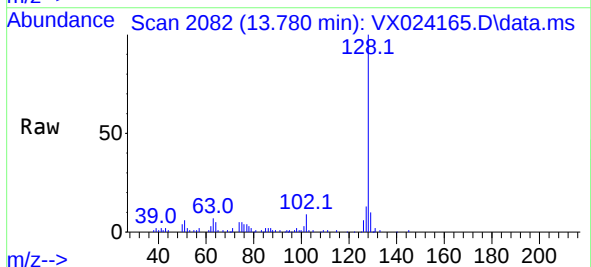
Tgt Ion: 91 Resp: 30544
Ion Ratio Lower Upper
91 100
92 30.9 27.4 82.0
134 110.7 13.2 39.5#

Manual Integrations
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#95
Naphthalene
Concen: 4.176 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024165.D
Acq: 10 Sep 2021 14:58



Tgt Ion: 128 Resp: 24251
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 12.3 8.8 13.2

