

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023999.D
 Acq On : 27 Aug 2021 17:54
 Operator : JC/MD
 Sample : M3561-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VE4-9

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:15:54 AM

Quant Time: Aug 28 04:59:17 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	156229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	255019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113871	52.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.440%			
35) Dibromofluoromethane	5.397	113	87050	48.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.620%			
50) Toluene-d8	8.653	98	330231	48.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.300%			
62) 4-Bromofluorobenzene	11.085	95	128742	51.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.060%			
Target Compounds					Qvalue	
16) Acetone	2.385	43	6111	6.268	ug/l #	83
25) 2-Butanone	4.580	43	2082	1.410	ug/l	98
29) Tetrahydrofuran	5.037	42	1358m	1.420	ug/l	
40) Benzene	6.049	78	1827	0.248	ug/l	92
52) Toluene	8.726	92	2123	0.444	ug/l	99
65) Chlorobenzene	10.079	112	6309	1.186	ug/l	91
68) m/p-Xylenes	10.305	106	1647	0.465	ug/l	76
69) o-Xylene	10.646	106	2228	0.641	ug/l	76
80) 1,3,5-Trimethylbenzene	11.457	105	12859	1.717	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	15250	2.042	ug/l	100
86) p-Isopropyltoluene	12.012	119	2032	0.268	ug/l	83
87) 1,3-Dichlorobenzene	11.975	146	1221	0.301	ug/l #	76
88) 1,4-Dichlorobenzene	12.042	146	2431	0.600	ug/l #	28
91) 1,2-Dichlorobenzene	12.341	146	4145	1.053	ug/l	91

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

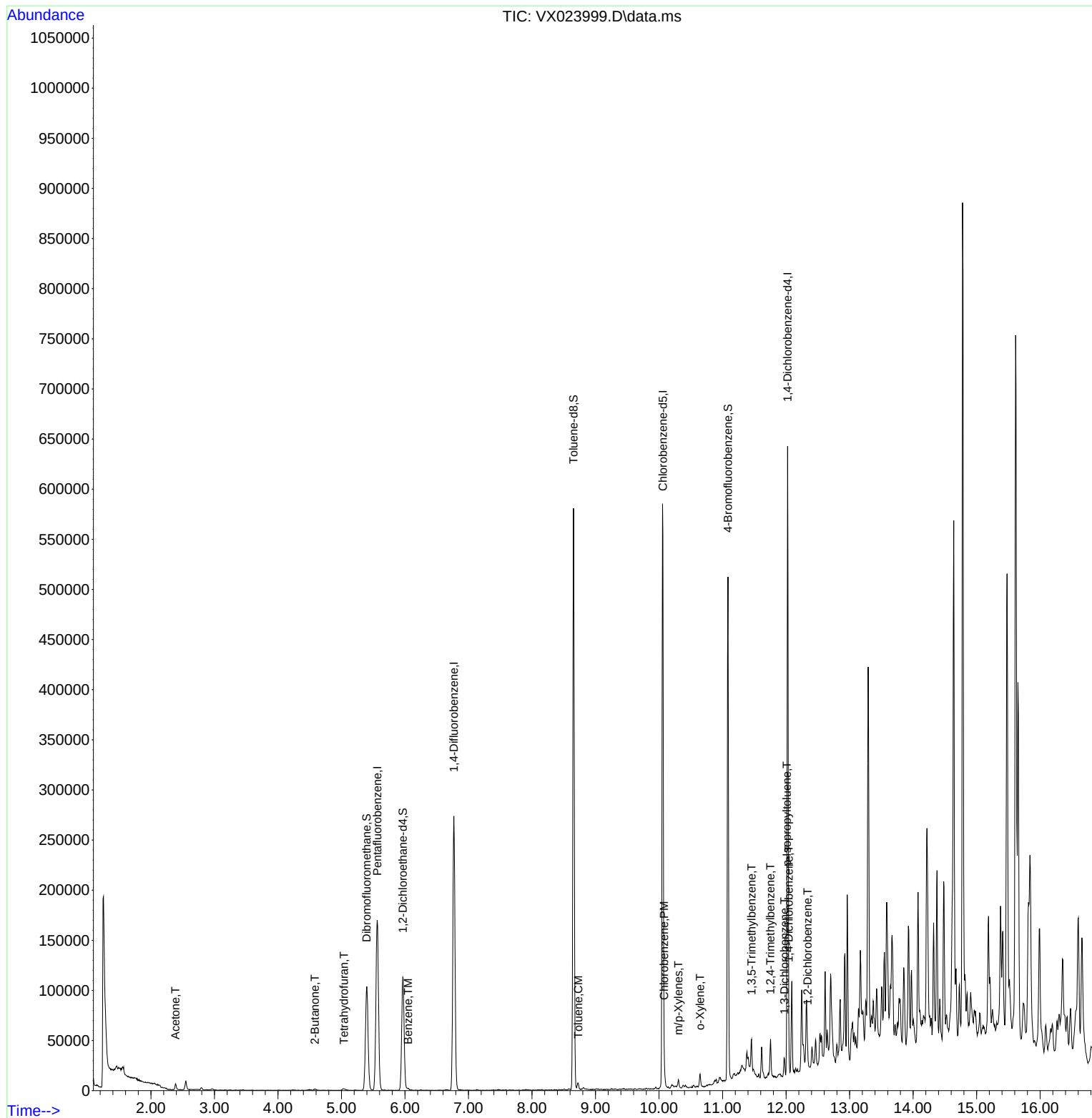
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
Data File : VX023999.D
Acq On : 27 Aug 2021 17:54
Operator : JC/MD
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ALS Vial : 23 Sample Multiplier: 1

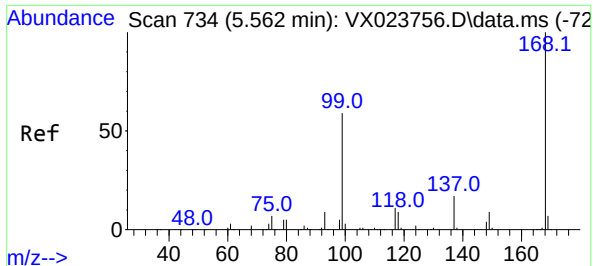
Instrument :
MSVOA_X
ClientSampleId :
VE4-9

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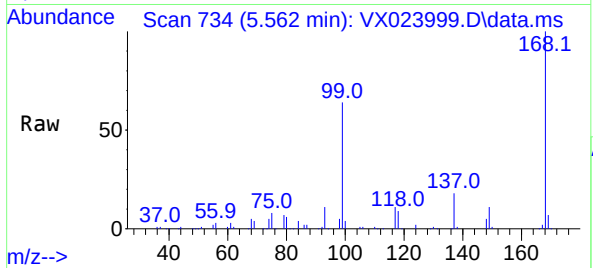
SAM
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Quant Time: Aug 28 04:59:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

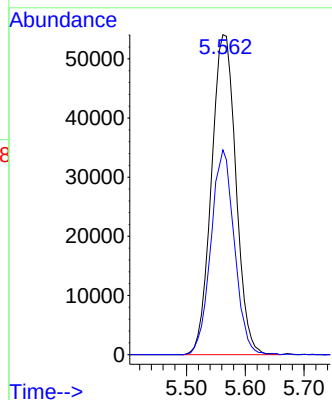
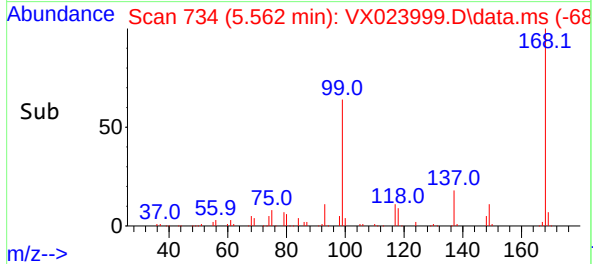




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54



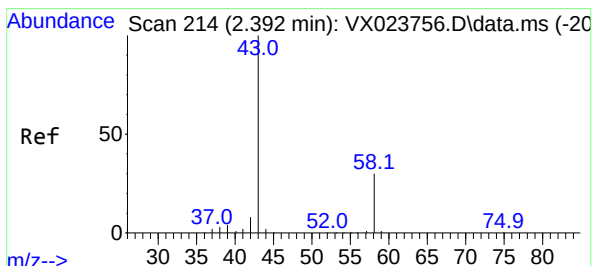
Tgt Ion: 168 Resp: 156229
Ion Ratio Lower Upper
168 100
99 64.0 45.8 68.6



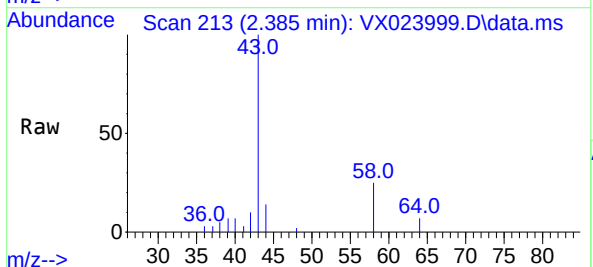
Instrument :
MSVOA_X
ClientSampled :
VE4-9

Manual Integrations
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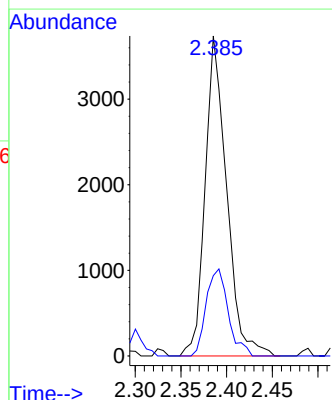
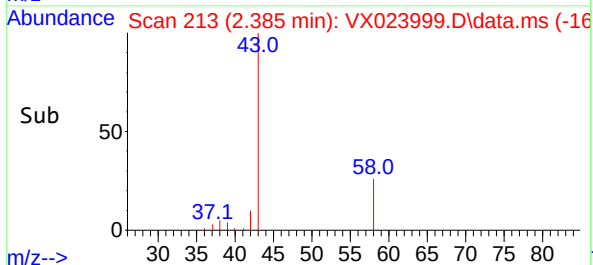
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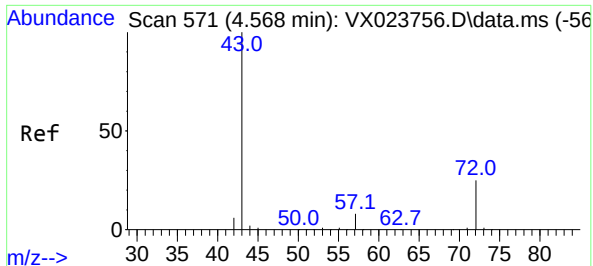


#16
Acetone
Concen: 6.268 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54



Tgt Ion: 43 Resp: 6111
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#





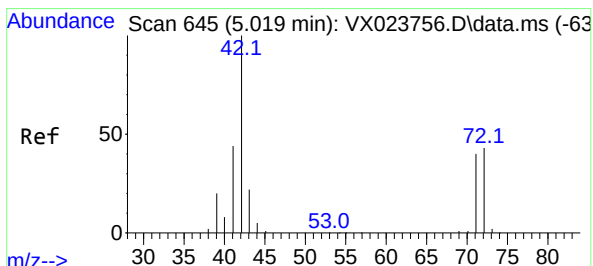
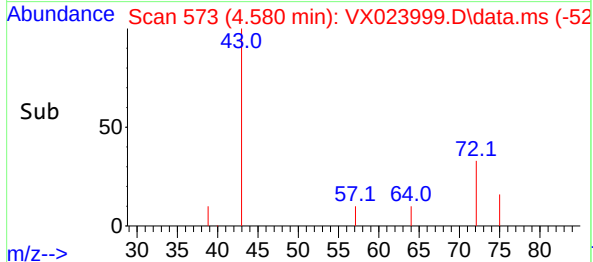
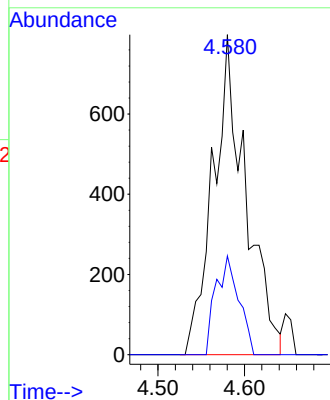
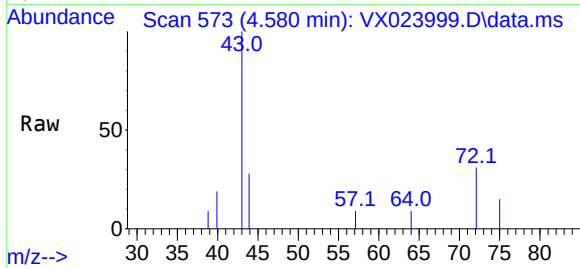
#25
2-Butanone
Concen: 1.410 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
72 30.8 23.7 35.5

Instrument :
MSVOA_X
ClientSampled :
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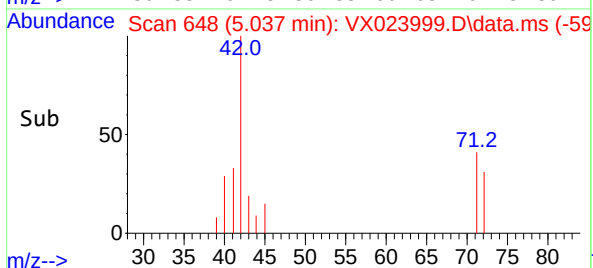
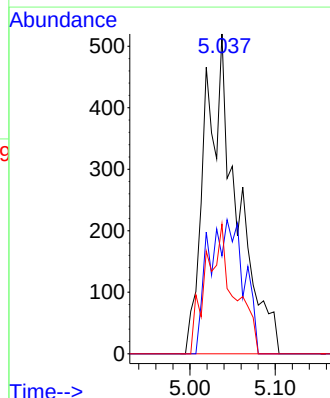
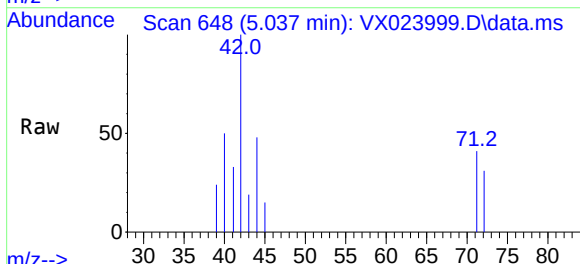
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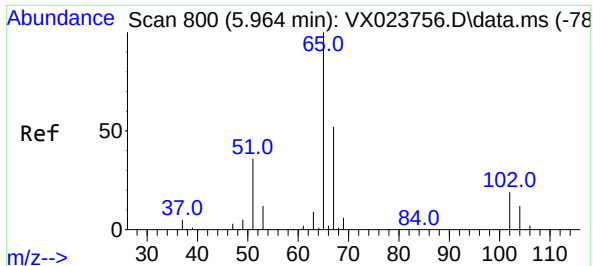
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#29
Tetrahydrofuran
Concen: 1.420 ug/l m
RT: 5.037 min Scan# 648
Delta R.T. 0.018 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 42 Resp: 1358
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#





#33

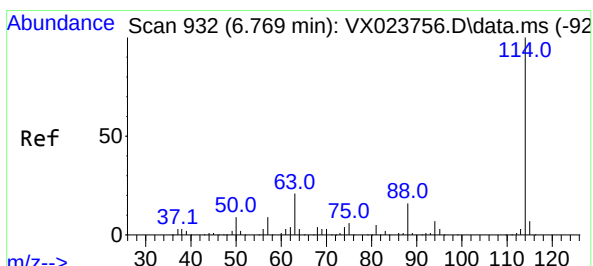
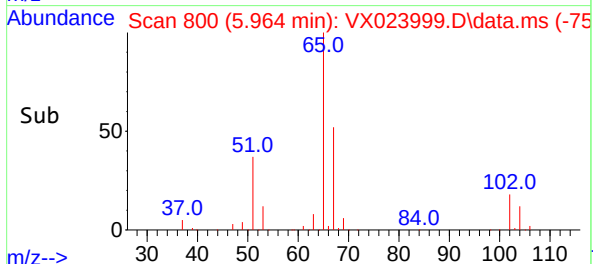
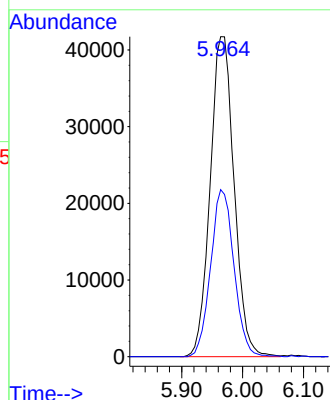
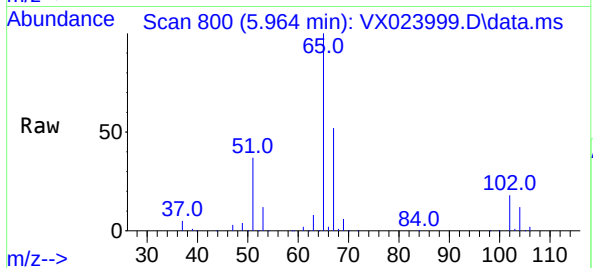
1,2-Dichloroethane-d4
Concen: 52.223 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 65 Resp: 113871
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
VE4-9

Manual Integrations
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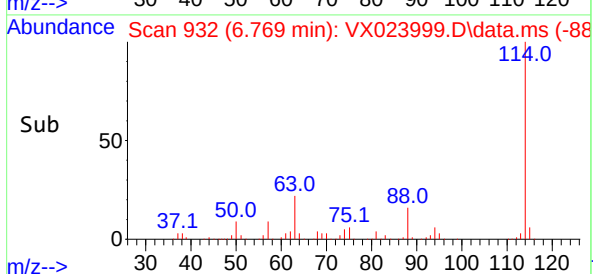
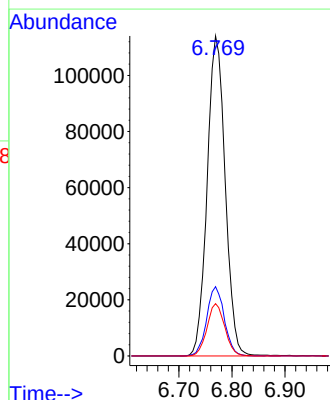
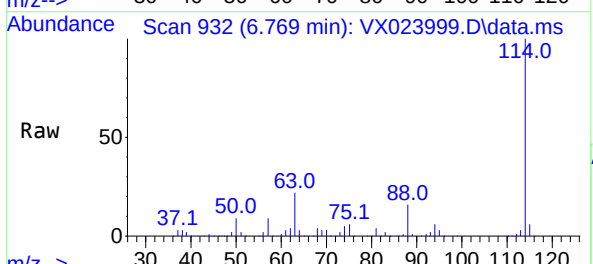
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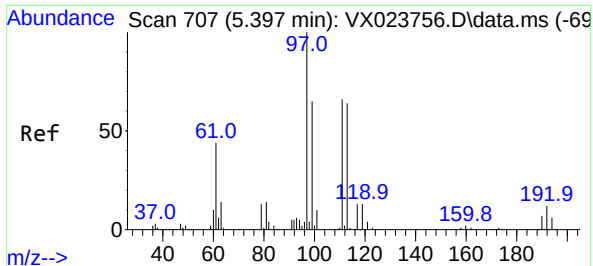


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 114 Resp: 269427
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.4 0.0 32.8





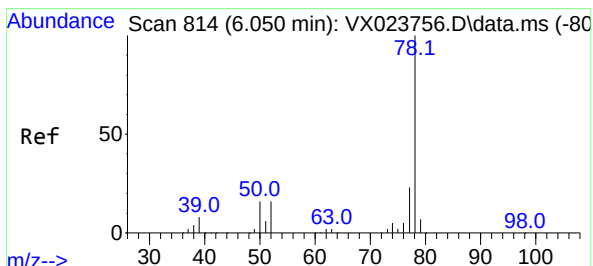
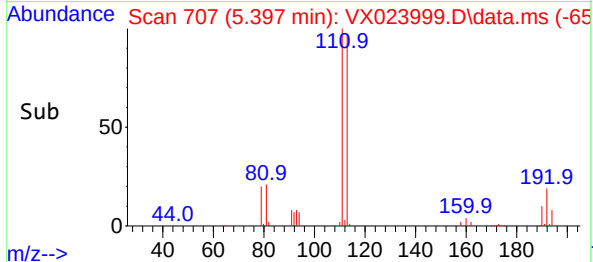
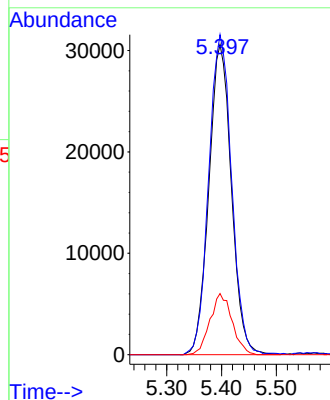
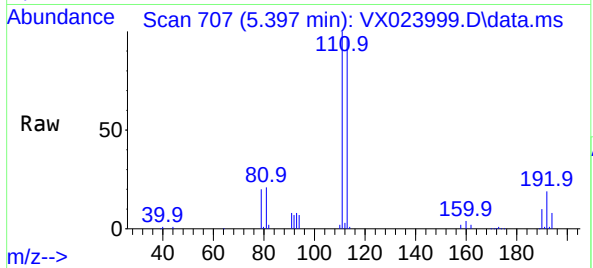
#35
Dibromofluoromethane
Concen: 48.815 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:113 Resp: 87050
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 19.4 16.7 25.1

Instrument :
MSVOA_X
ClientSampled :
VE4-9

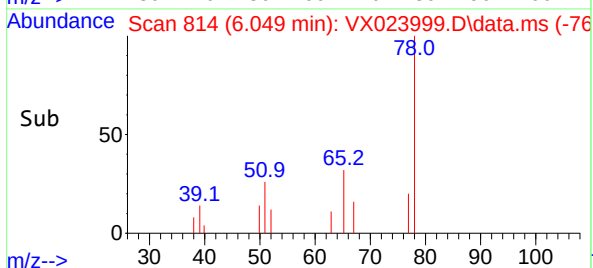
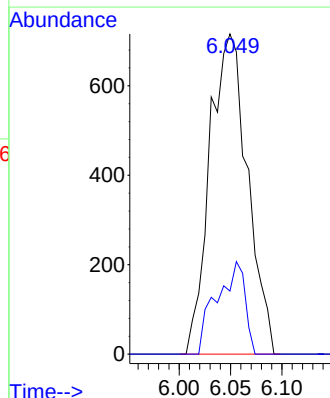
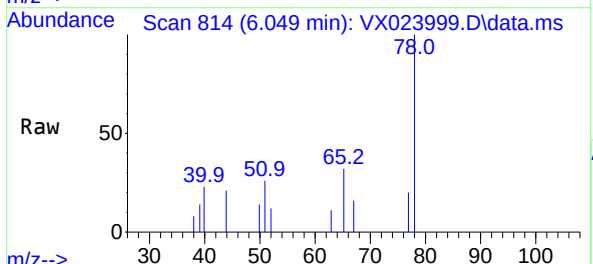
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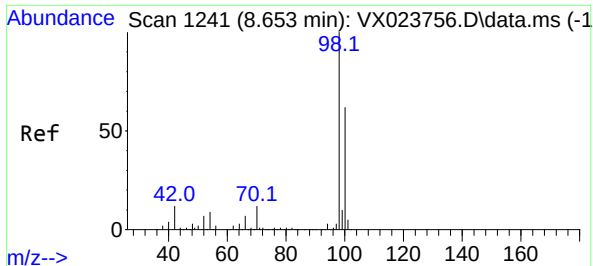
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#40
Benzene
Concen: 0.248 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.001 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 78 Resp: 1827
Ion Ratio Lower Upper
78 100
77 19.7 18.9 28.3





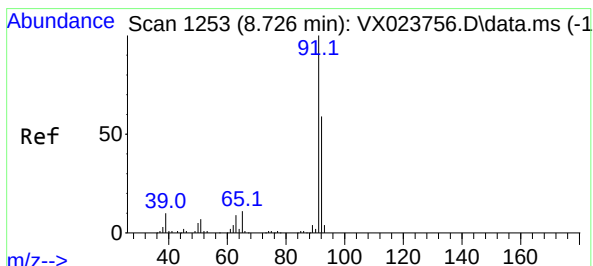
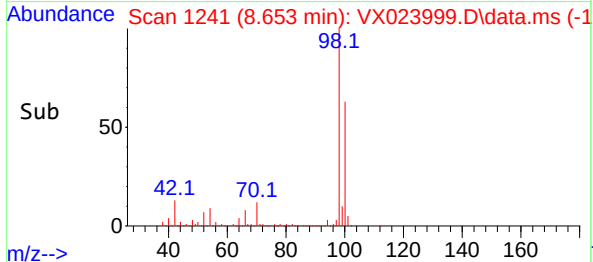
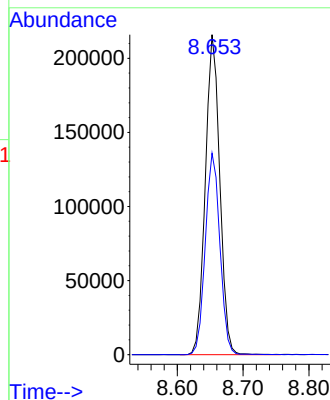
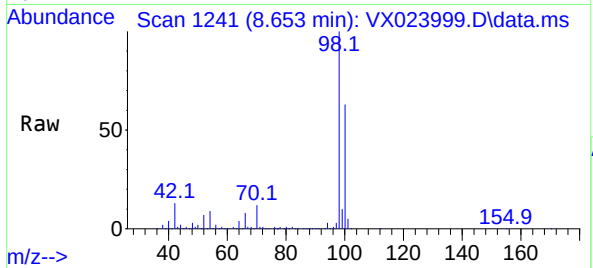
#50
Toluene-d8
Concen: 48.655 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 98 Resp: 330231
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

Instrument :
MSVOA_X
ClientSampled :
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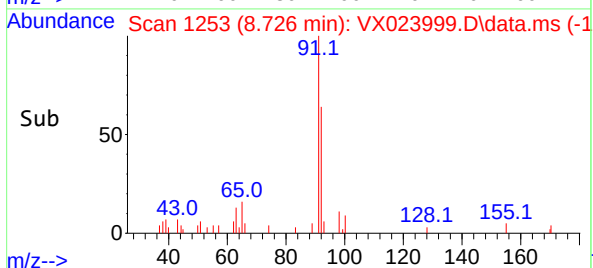
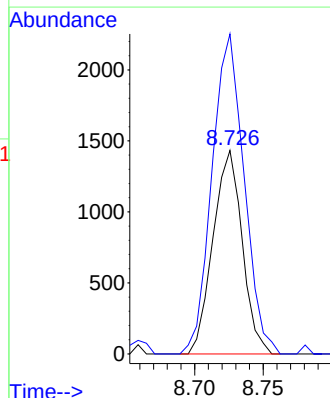
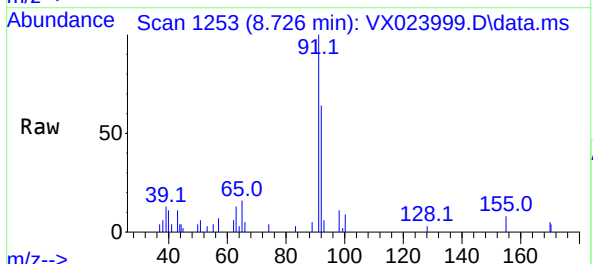
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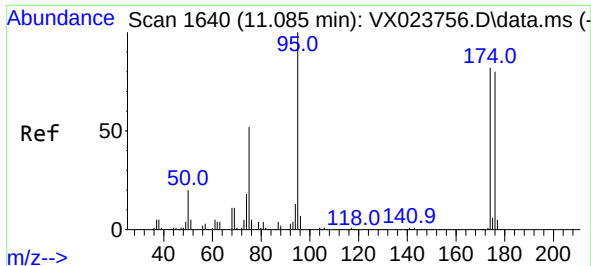
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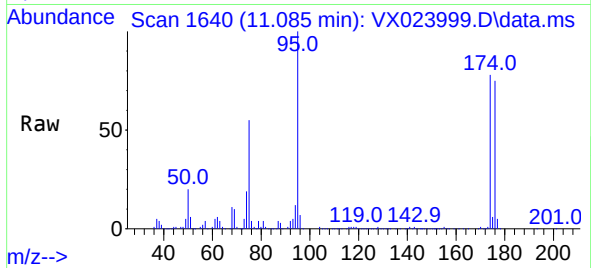
#52
Toluene
Concen: 0.444 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion: 92 Resp: 2123
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7

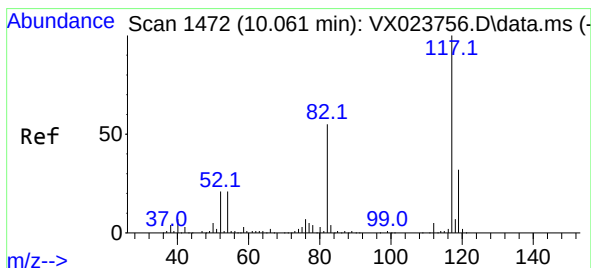
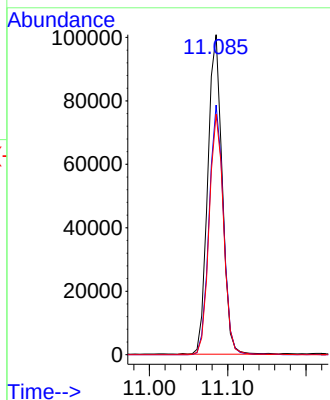
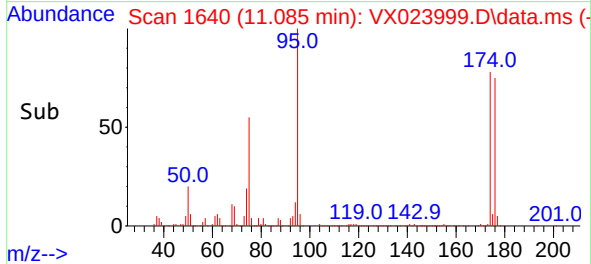




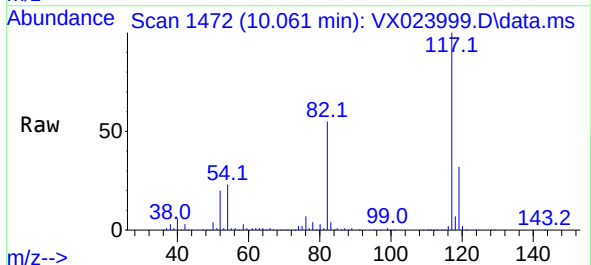
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4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54



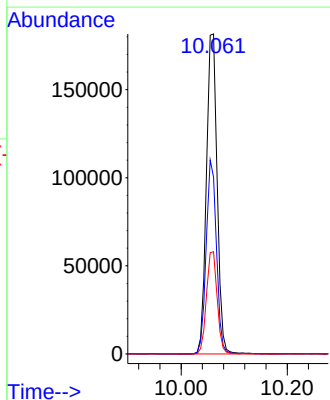
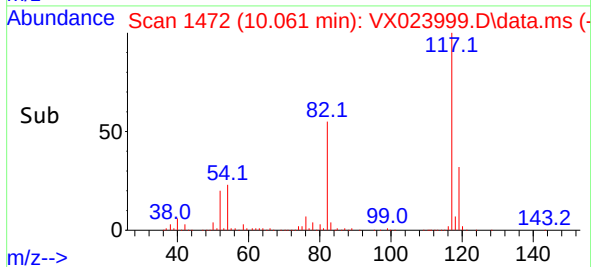
Tgt Ion: 95 Resp: 128742
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54



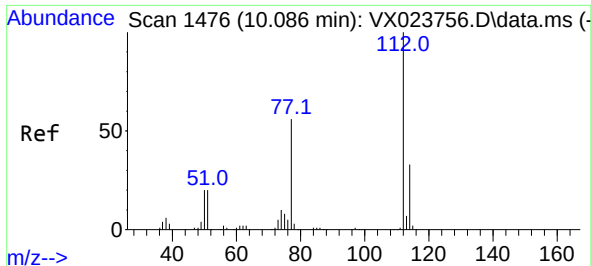
Tgt Ion: 117 Resp: 255019
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.0 26.6 39.8



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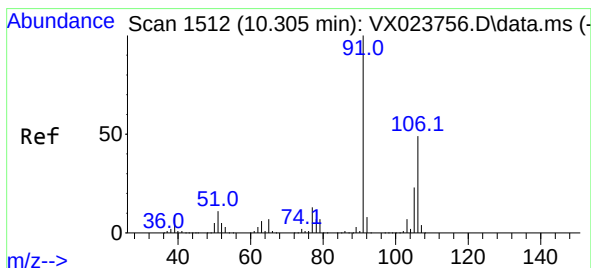
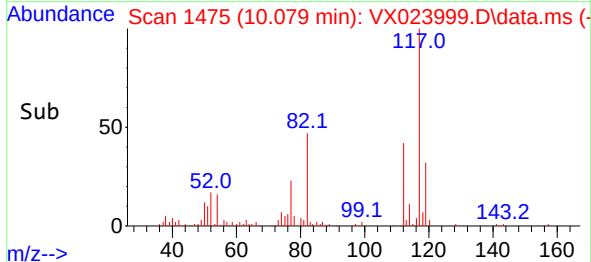
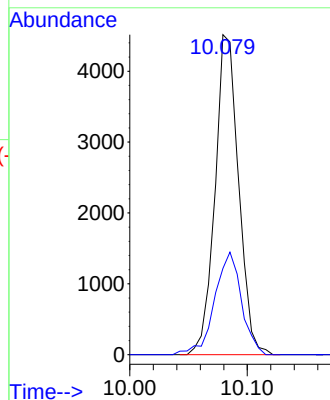
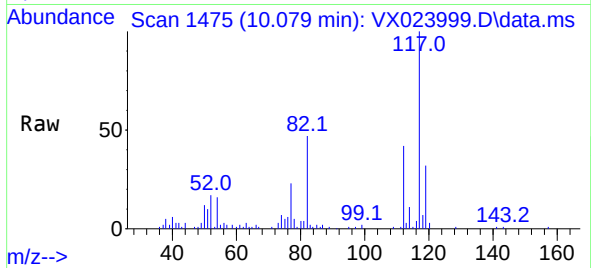
#65
Chlorobenzene
Concen: 1.186 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:112 Resp: 6309
Ion Ratio Lower Upper
112 100
114 27.0 25.8 38.6

Instrument :
MSVOA_X
ClientSampled :
VE4-9

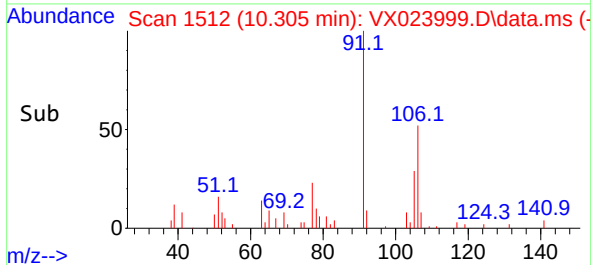
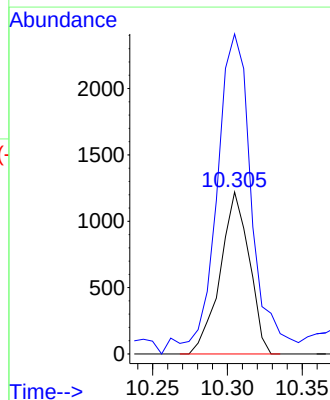
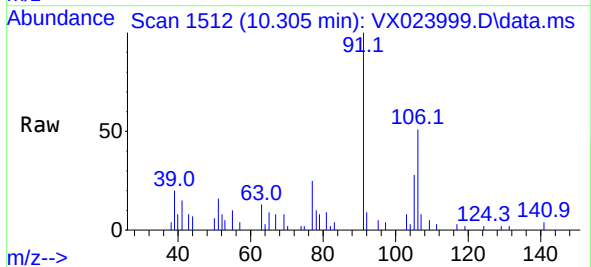
Manual Integrations
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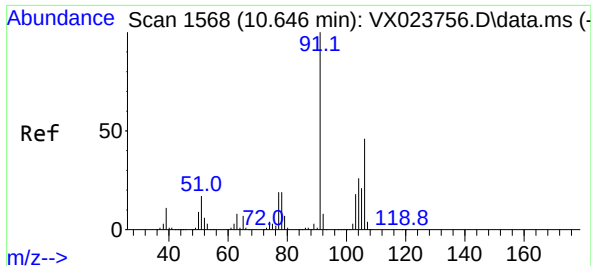
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#68
m/p-Xylenes
Concen: 0.465 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:106 Resp: 1647
Ion Ratio Lower Upper
106 100
91 239.8 162.8 244.2





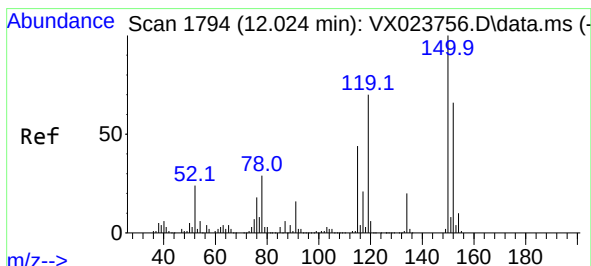
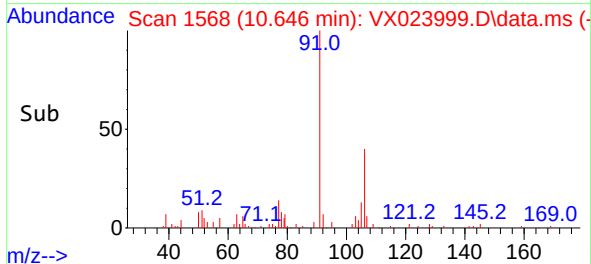
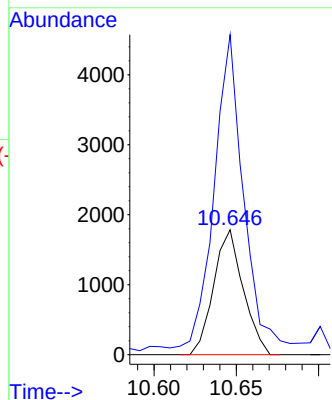
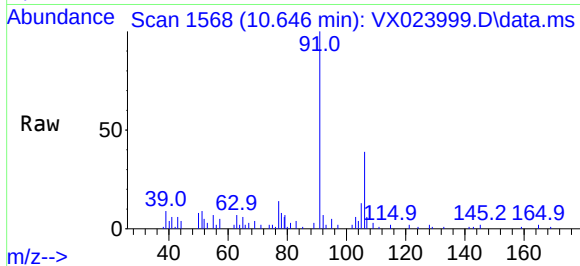
#69
o-Xylene
Concen: 0.641 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:106 Resp: 2228
Ion Ratio Lower Upper
106 100
91 253.9 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
VE4-9

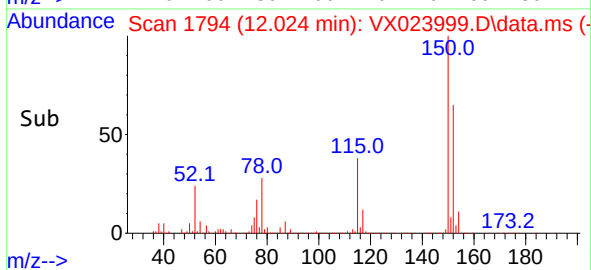
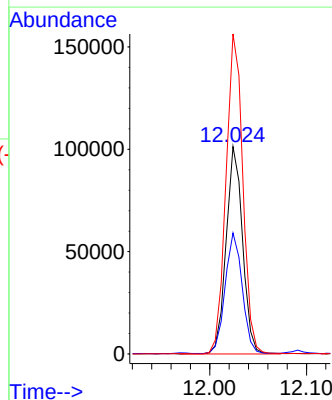
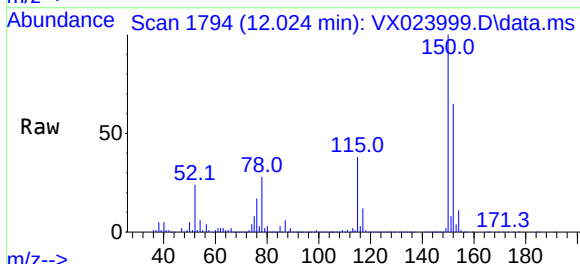
Manual Integrations
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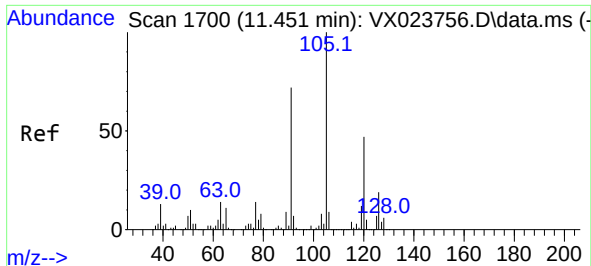
SAM
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:152 Resp: 119511
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 158.2 0.0 349.0





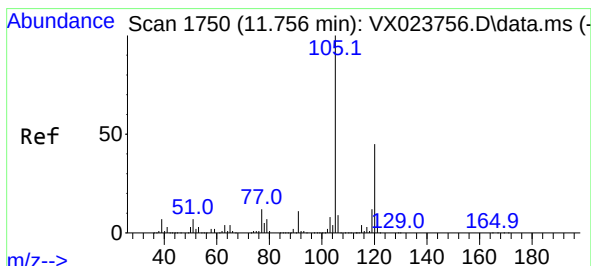
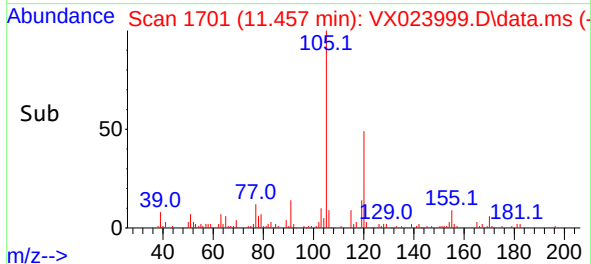
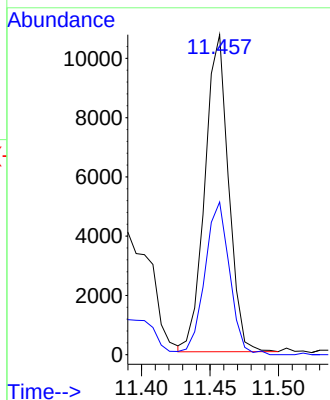
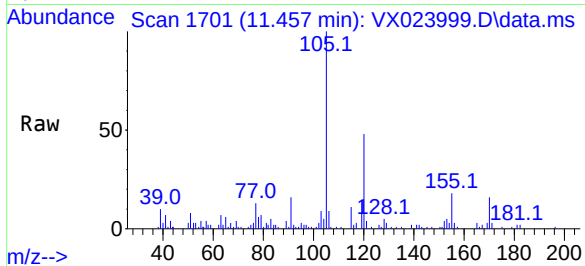
#80
1,3,5-Trimethylbenzene
Concen: 1.717 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:105 Resp: 12859
Ion Ratio Lower Upper
105 100
120 50.3 23.8 71.5

Instrument :
MSVOA_X
ClientSampled :
VE4-9

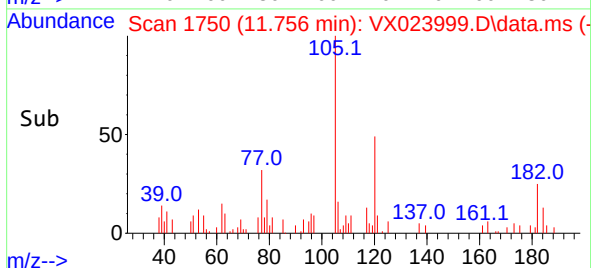
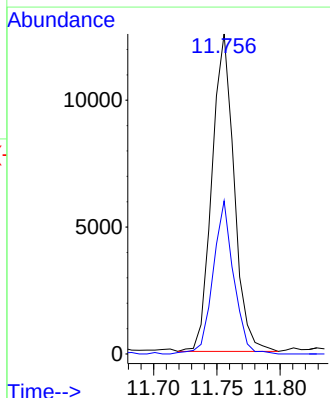
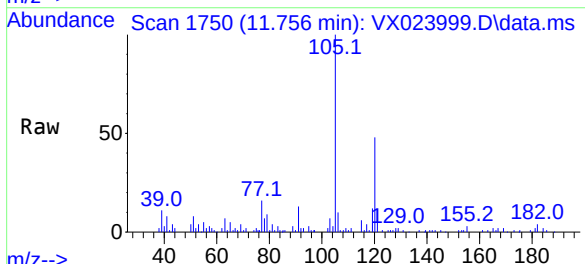
Manual Integrations
APPROVED

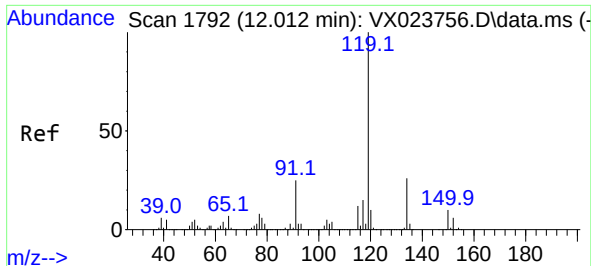
SAM
8/30/2021 9:15:54 AM



#84
1,2,4-Trimethylbenzene
Concen: 2.042 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:105 Resp: 15250
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





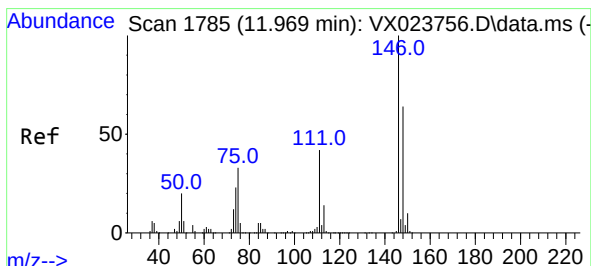
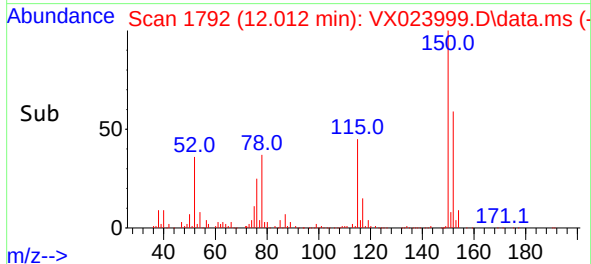
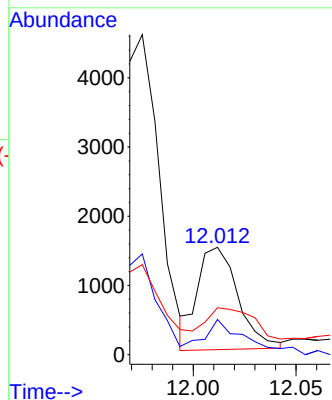
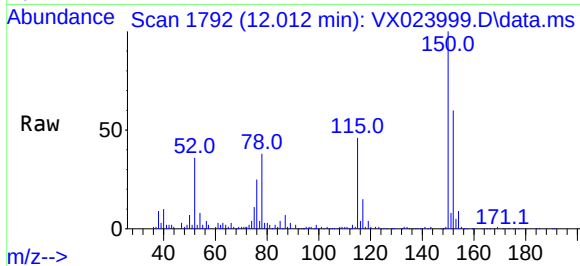
#86
p-Isopropyltoluene
Concen: 0.268 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:	119	Resp:	2032
Ion	Ratio	Lower	Upper
119	100		
134	33.8	12.9	38.7
91	32.6	11.7	35.0

Instrument :
MSVOA_X
ClientSampled :
VE4-9

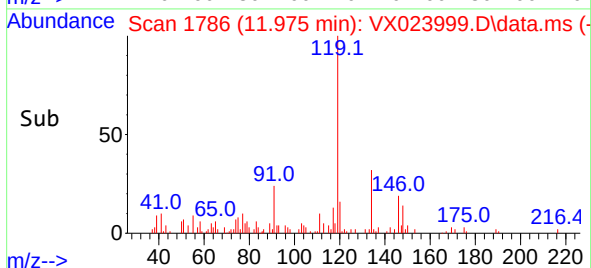
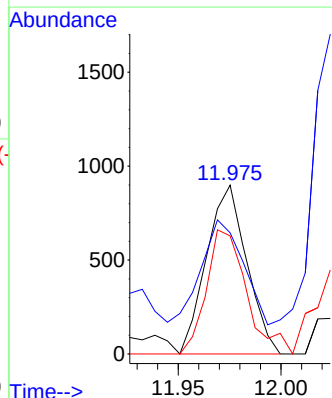
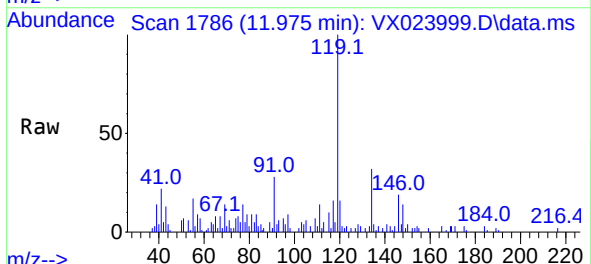
Manual Integrations
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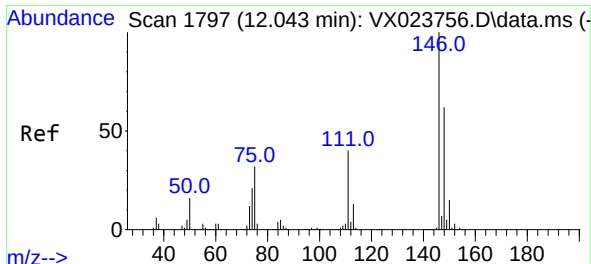
SAM
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#87
1,3-Dichlorobenzene
Concen: 0.301 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:	146	Resp:	1221
Ion	Ratio	Lower	Upper
146	100		
111	67.6	20.2	60.5#
148	73.2	31.9	95.7





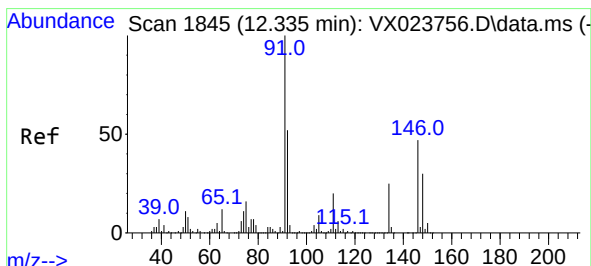
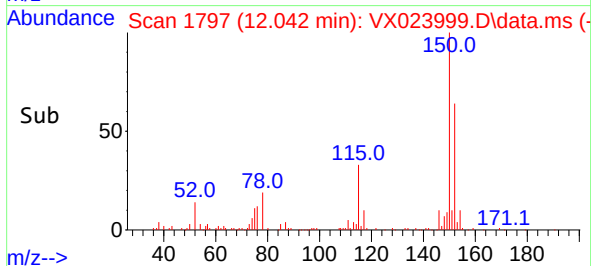
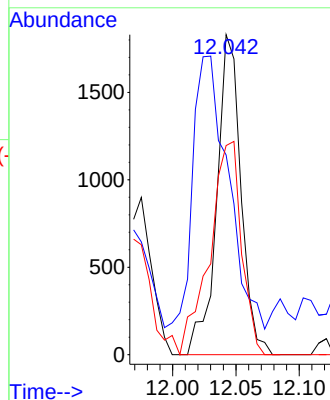
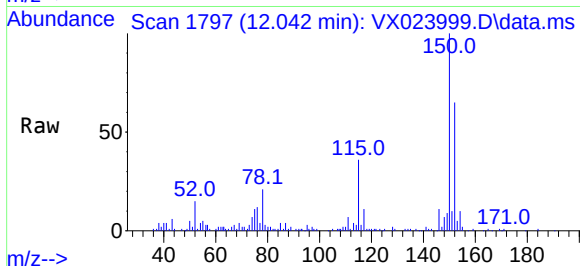
#88
1,4-Dichlorobenzene
Concen: 0.600 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:146 Resp: 2431
Ion Ratio Lower Upper
146 100
111 122.8 19.6 58.8#
148 87.5 31.6 95.0

Instrument :
MSVOA_X
ClientSampled :
VE4-9

Manual Integrations
APPROVED

SAM
8/30/2021 9:15:54 AM



#91
1,2-Dichlorobenzene
Concen: 1.053 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX023999.D
Acq: 27 Aug 2021 17:54

Tgt Ion:146 Resp: 4145
Ion Ratio Lower Upper
146 100
111 51.0 20.8 62.2
148 67.2 31.9 95.5

