

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024395.D
 Acq On : 21 Sep 2021 18:47
 Operator : JC/MD
 Sample : M3835-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-02-(1.0)

Manual Integrations
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 9/23/2021 11:06:49 AM

Quant Time: Sep 22 04:52:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	149673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109828	51.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.920%			
35) Dibromofluoromethane	5.397	113	88410	50.200	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.653	98	327265	51.009	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.020%			
62) 4-Bromofluorobenzene	11.085	95	104695	41.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.860%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	59616	65.509	ug/l	88
25) 2-Butanone	4.581	43	10984	8.195	ug/l	97
40) Benzene	6.050	78	71159	10.276	ug/l	96
52) Toluene	8.720	92	55920	12.321	ug/l	99
65) Chlorobenzene	10.086	112	38754	8.745	ug/l	98
68) m/p-Xylenes	10.305	106	1596	0.538	ug/l	95
86) p-Isopropyltoluene	12.012	119	4579	0.647	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	1030	0.276	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	3944m	1.037	ug/l	
91) 1,2-Dichlorobenzene	12.341	146	5379	1.471	ug/l	96
95) Naphthalene	13.780	128	145730	19.160	ug/l	99

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

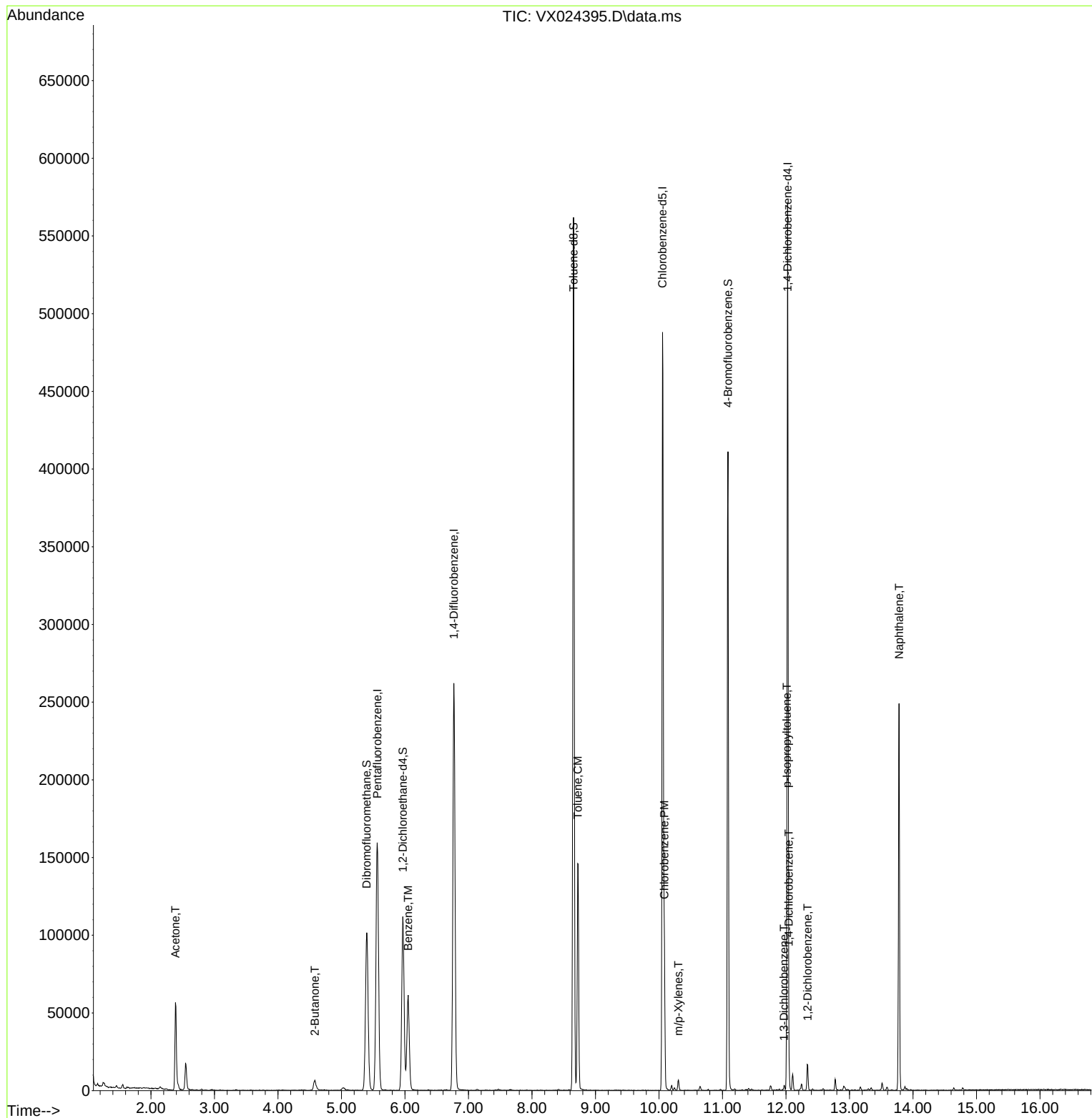
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
Data File : VX024395.D
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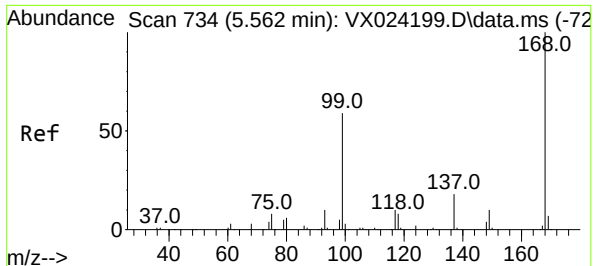
Instrument :
MSVOA_X
ClientSampleId :
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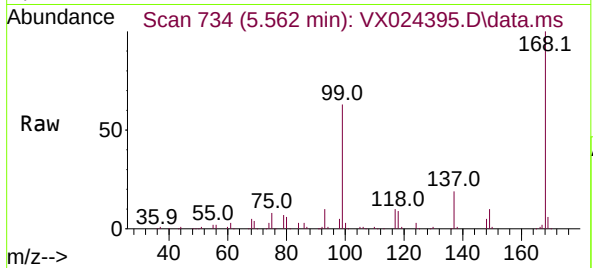
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Quant Time: Sep 22 04:52:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

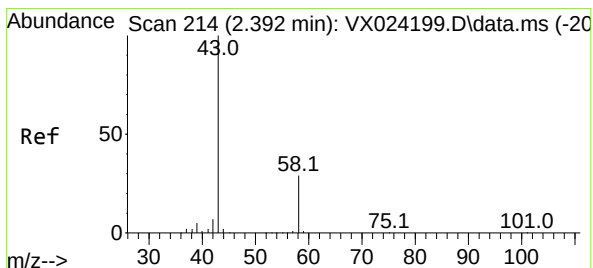
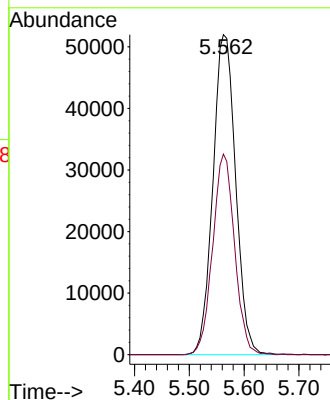
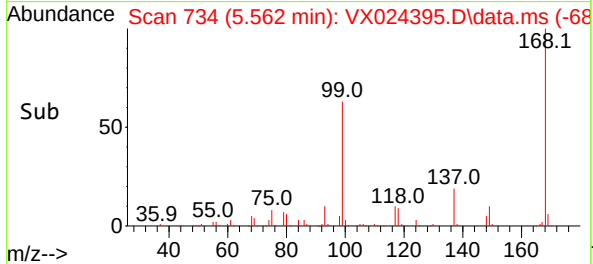




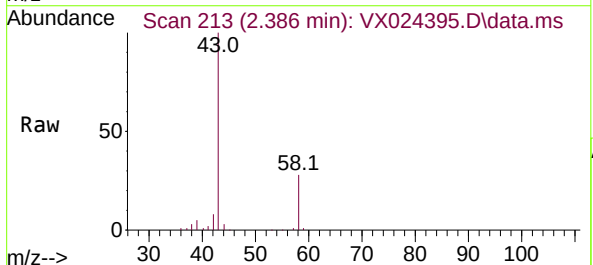
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47



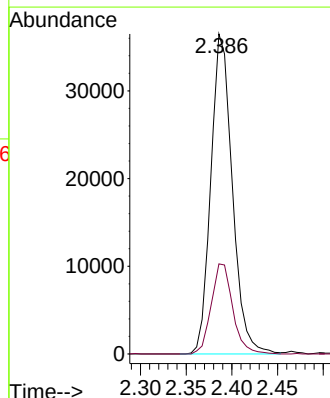
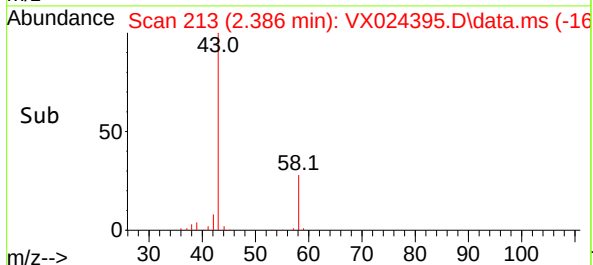
Tgt Ion:168 Resp: 149673
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#16
Acetone
Concen: 65.509 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47



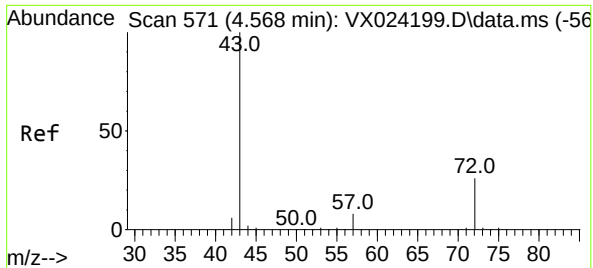
Tgt Ion: 43 Resp: 59616
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

Manual Integrations
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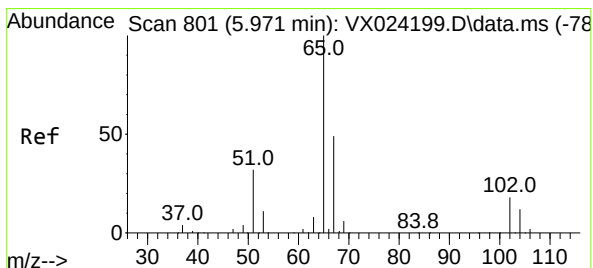
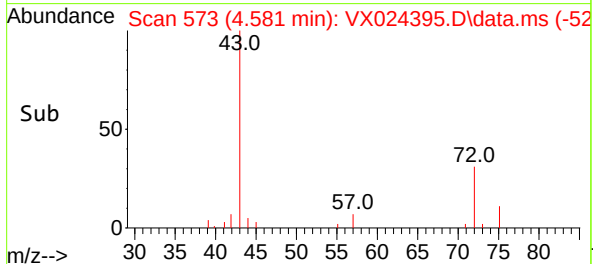
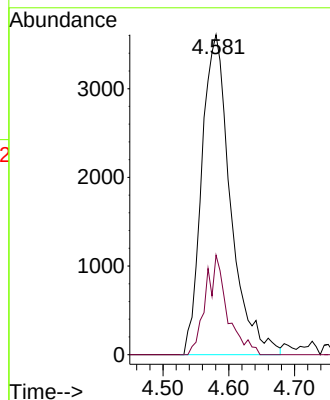
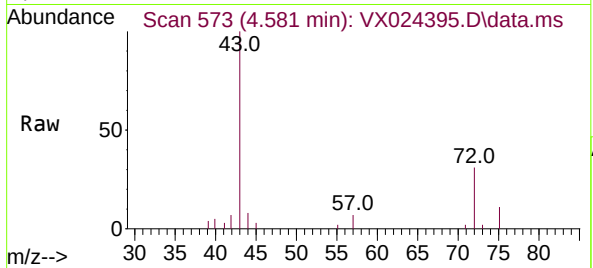
#25
2-Butanone
Concen: 8.195 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion: 43 Resp: 10984
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

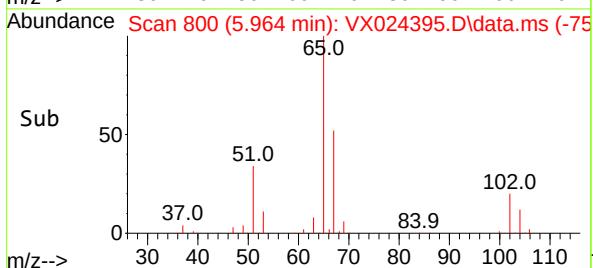
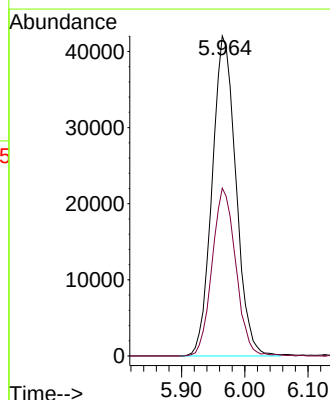
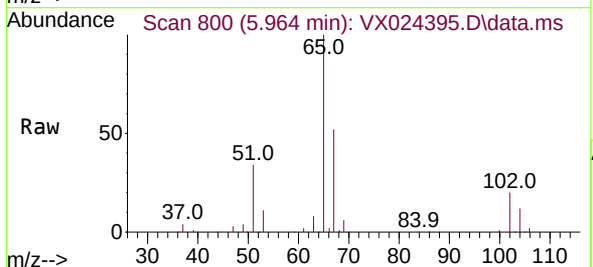
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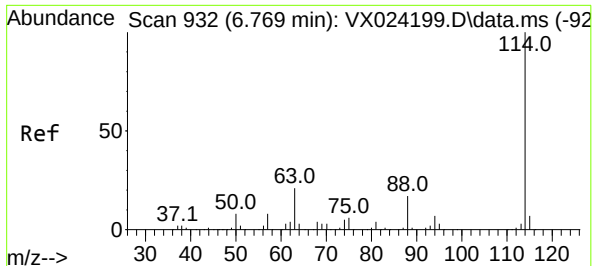
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9/23/2021 11:06:49 AM



#33
1,2-Dichloroethane-d4
Concen: 51.459 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

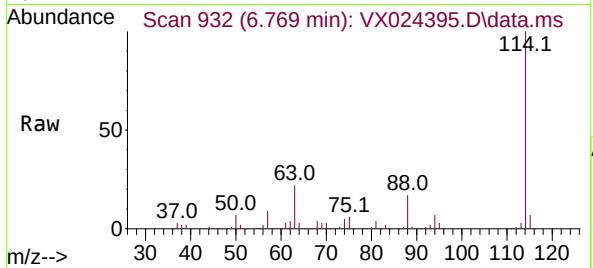
Tgt Ion: 65 Resp: 109828
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

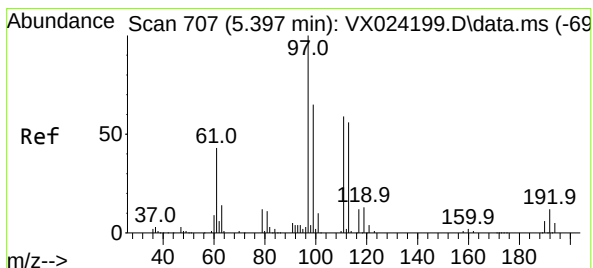
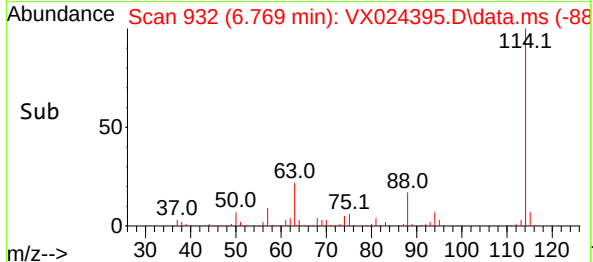
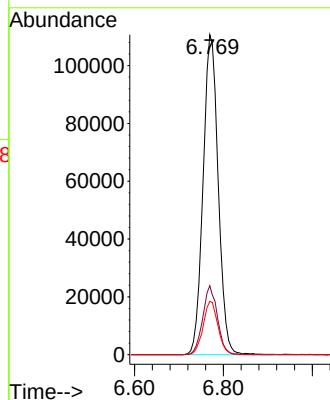
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)



Tgt Ion:114 Resp: 262606
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.7 0.0 32.8

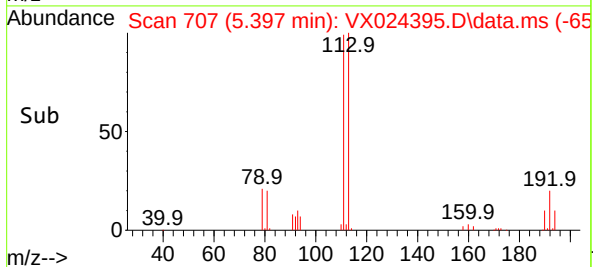
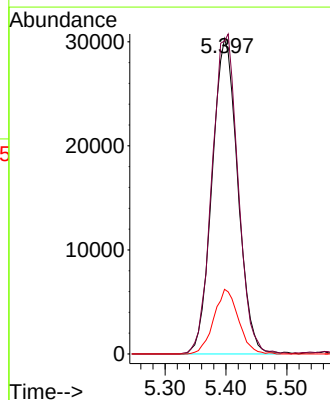
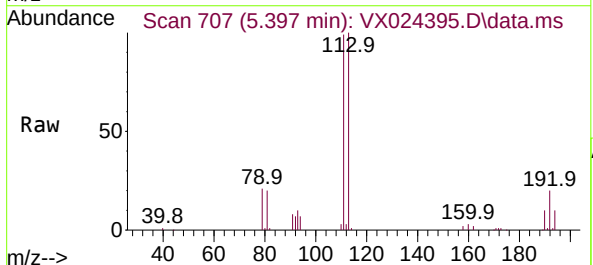
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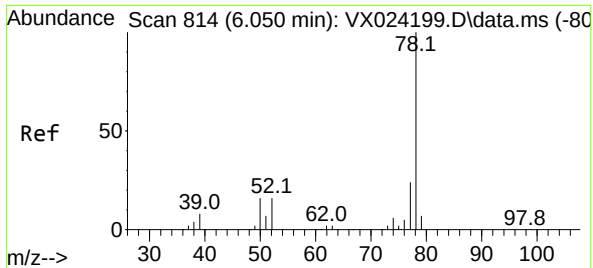
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9/23/2021 11:06:49 AM



#35
Dibromofluoromethane
Concen: 50.200 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:113 Resp: 88410
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.7 16.7 25.1





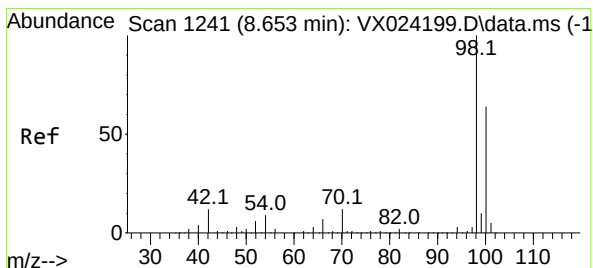
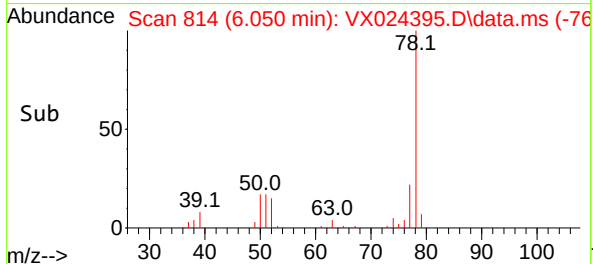
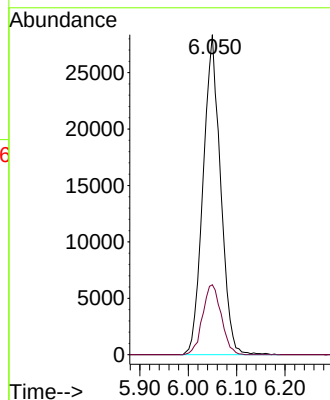
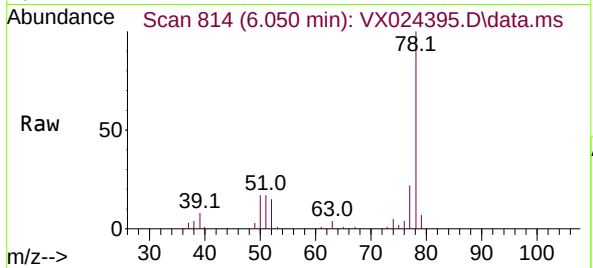
#40
Benzene
Concen: 10.276 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion: 78 Resp: 71159
Ion Ratio Lower Upper
78 100
77 21.8 18.9 28.3

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MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

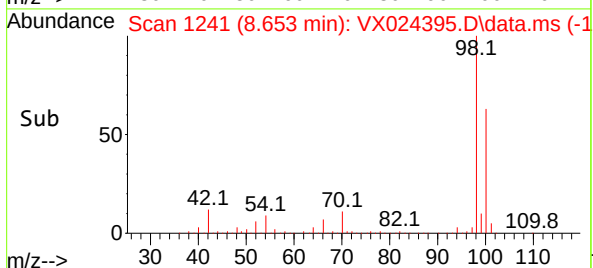
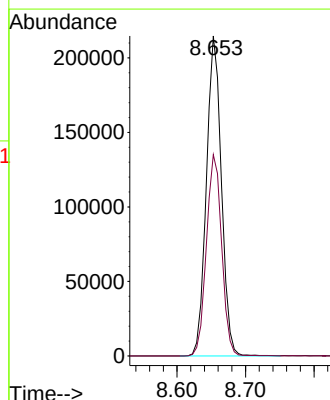
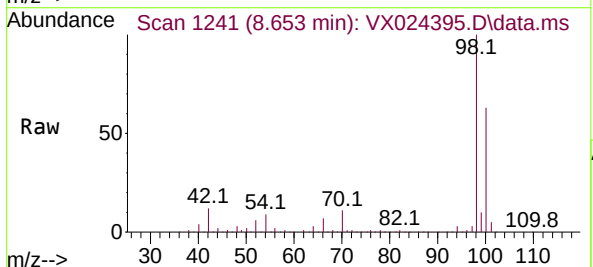
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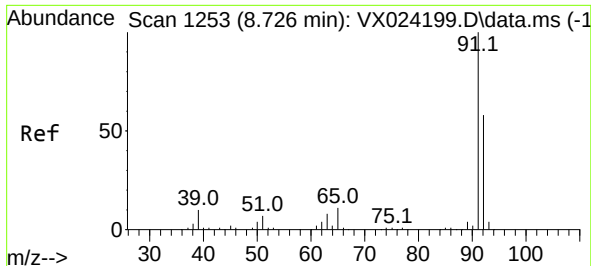
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#50
Toluene-d8
Concen: 51.009 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion: 98 Resp: 327265
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9





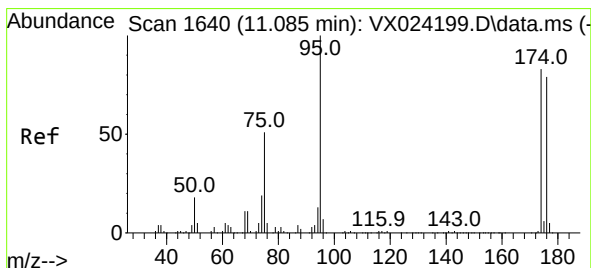
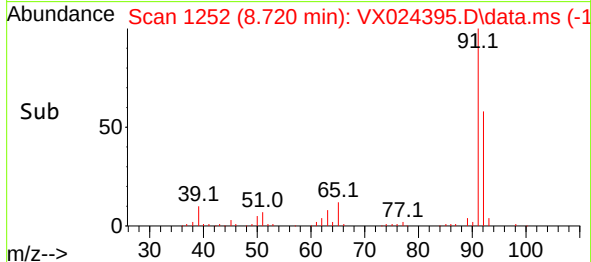
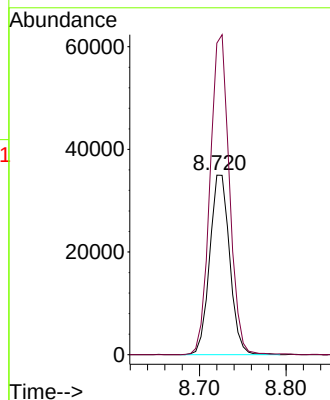
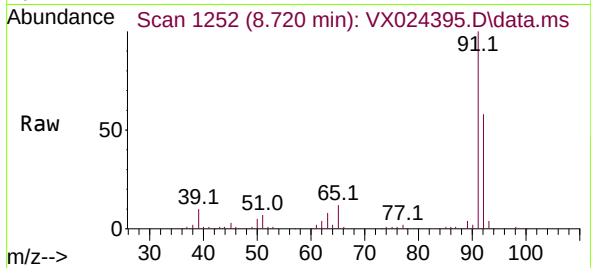
#52
Toluene
Concen: 12.321 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion: 92 Resp: 55920
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

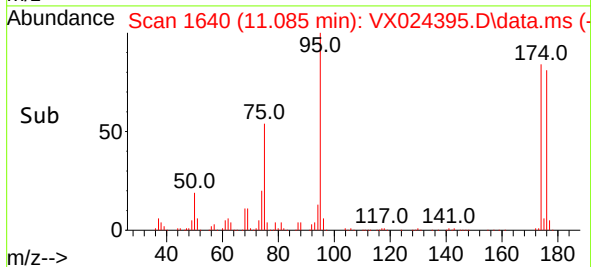
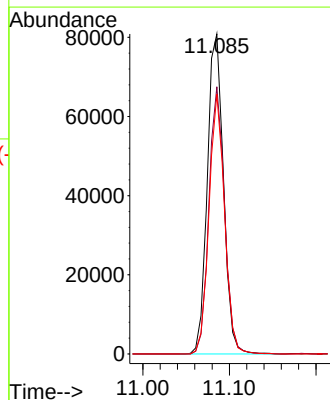
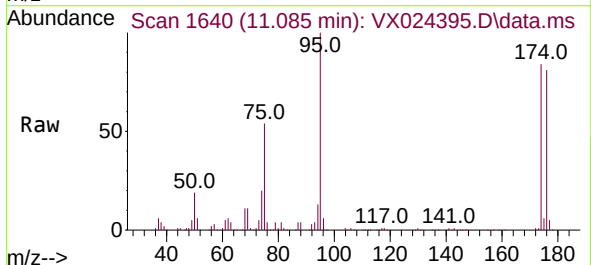
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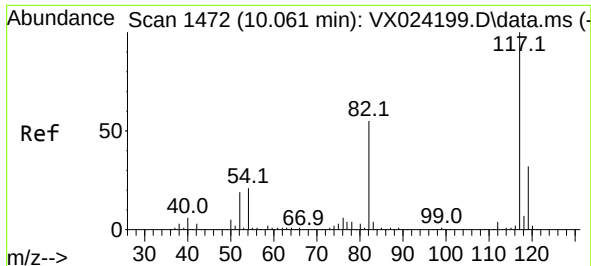
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9/23/2021 11:06:49 AM



#62
4-Bromofluorobenzene
Concen: 41.932 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion: 95 Resp: 104695
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 78.1 0.0 155.8





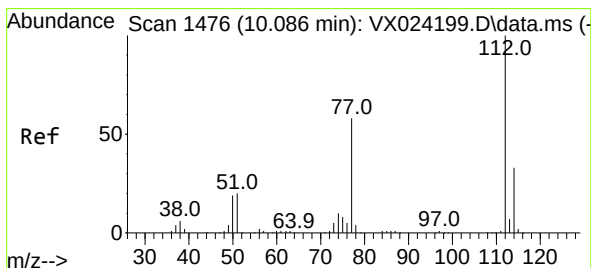
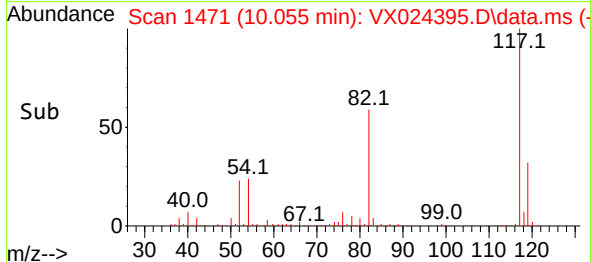
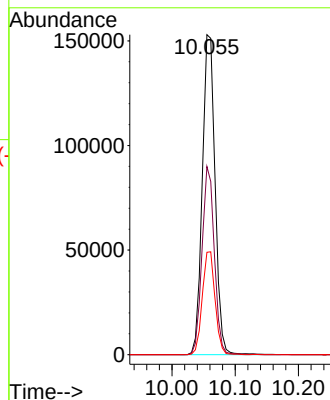
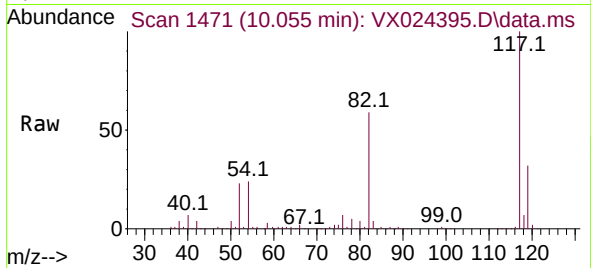
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:117 Resp: 215393
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.0 26.6 39.8

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

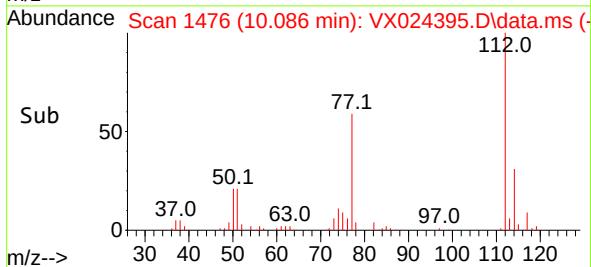
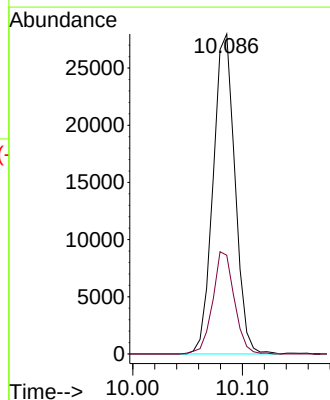
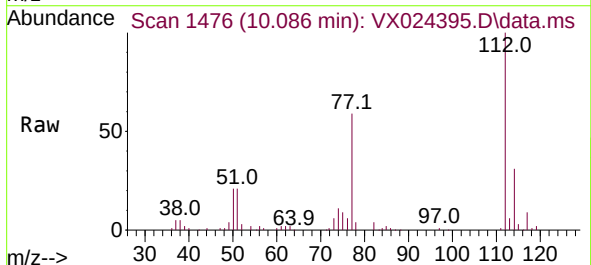
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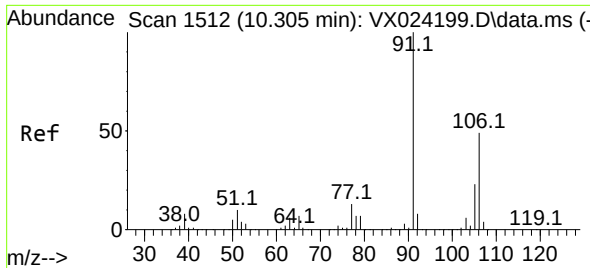
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#65
Chlorobenzene
Concen: 8.745 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:112 Resp: 38754
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6





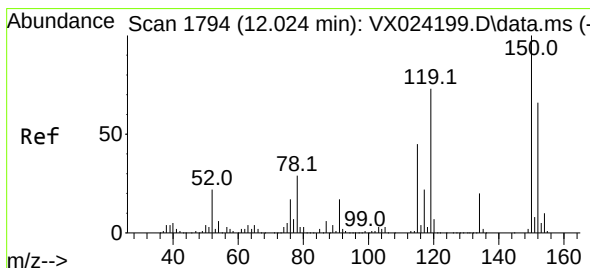
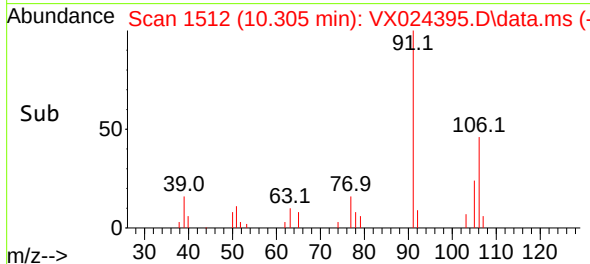
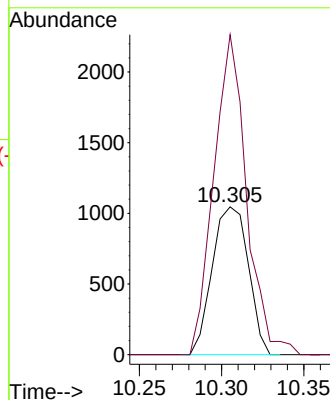
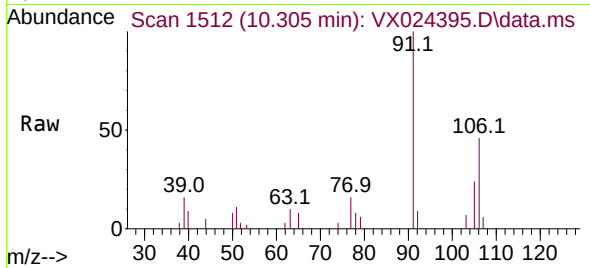
#68
m/p-Xylenes
Concen: 0.538 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

Tgt Ion:106 Resp: 1596
Ion Ratio Lower Upper
106 100
91 196.3 162.8 244.2

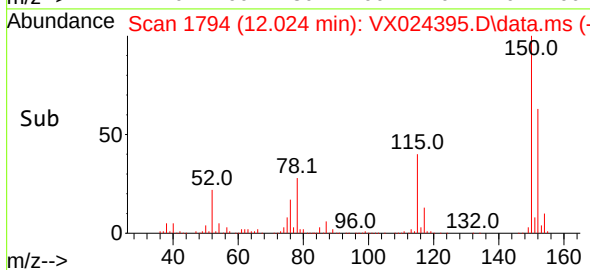
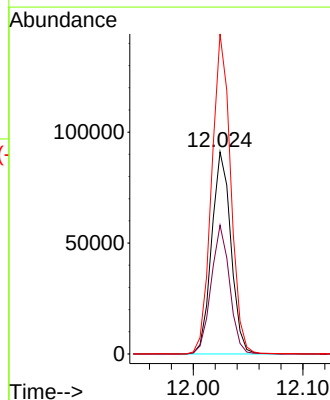
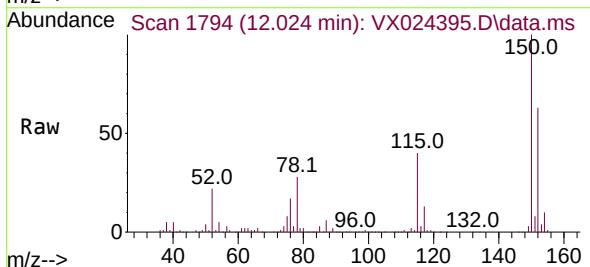
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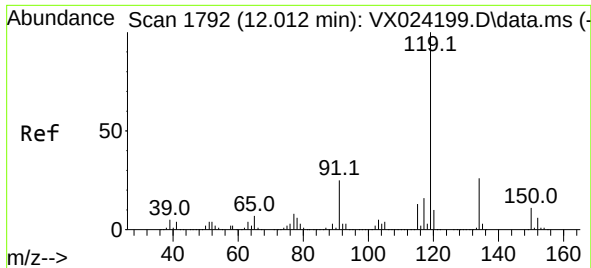
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9/23/2021 11:06:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:152 Resp: 111155
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 156.4 0.0 349.0





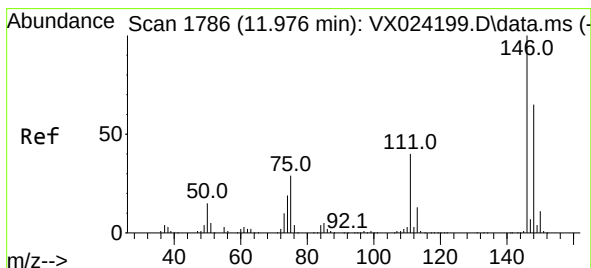
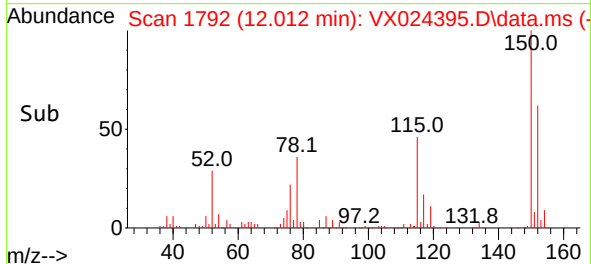
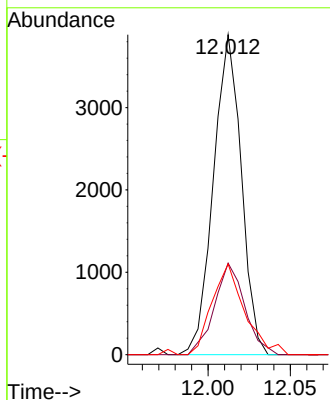
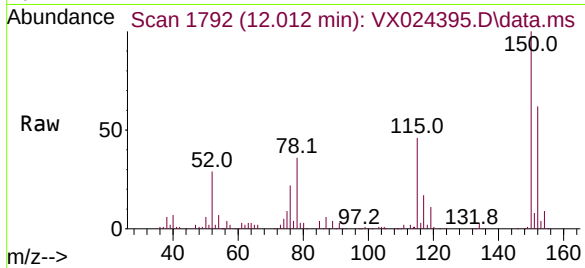
#86
p-Isopropyltoluene
Concen: 0.647 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:	119	Resp:	4579
Ion	Ratio	Lower	Upper
119	100		
134	31.2	12.9	38.7
91	33.2	11.7	35.0

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

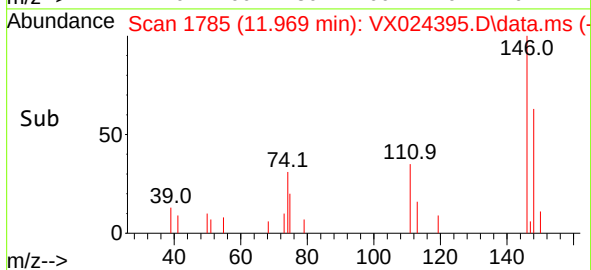
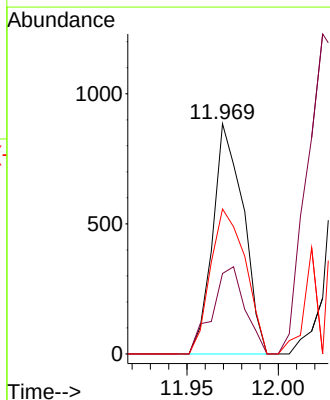
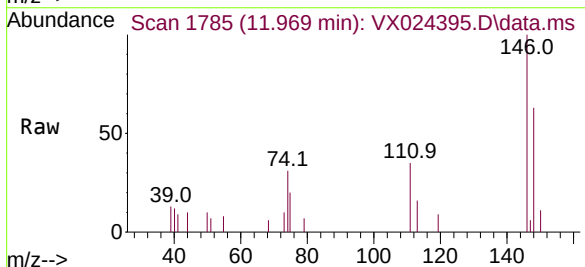
Manual Integrations
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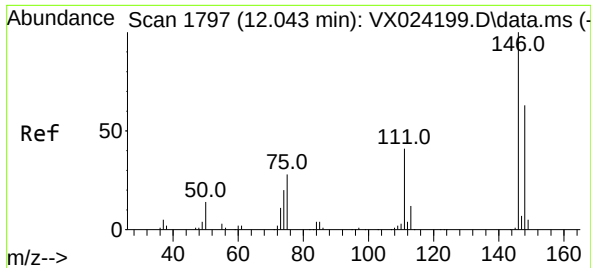
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9/23/2021 11:06:49 AM



#87
1,3-Dichlorobenzene
Concen: 0.276 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:	146	Resp:	1030
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	72.1	31.9	95.7





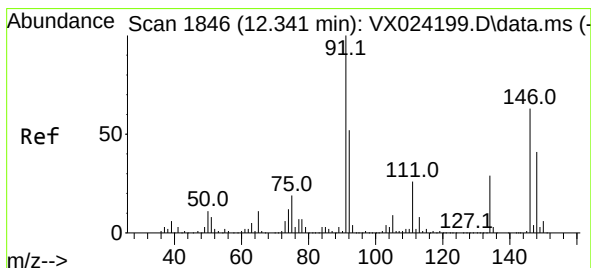
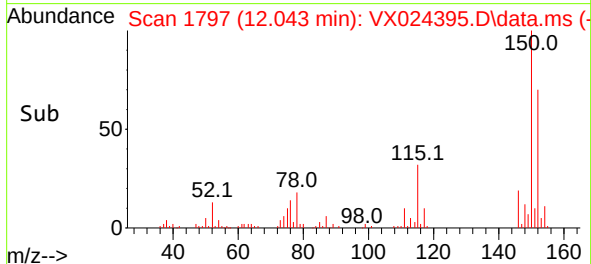
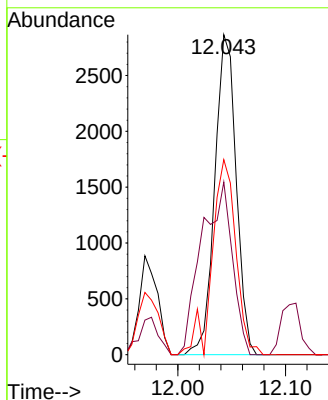
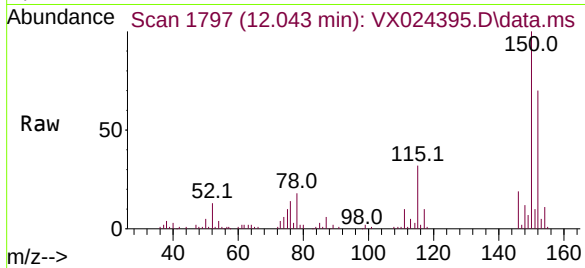
#88
1,4-Dichlorobenzene
Concen: 1.037 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	10.6	19.6	58.8#
148	18.8	31.6	95.0#

Instrument :
MSVOA_X
ClientSampled :
SW-RR-02-(1.0)

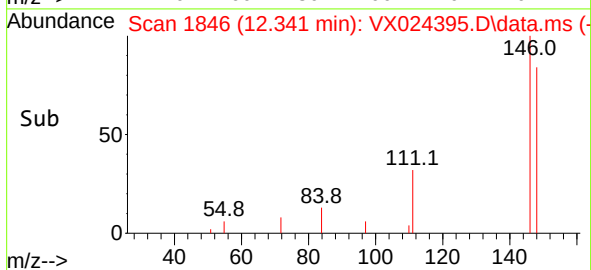
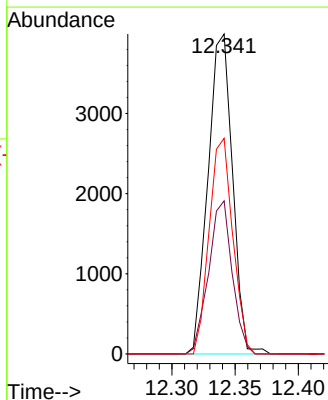
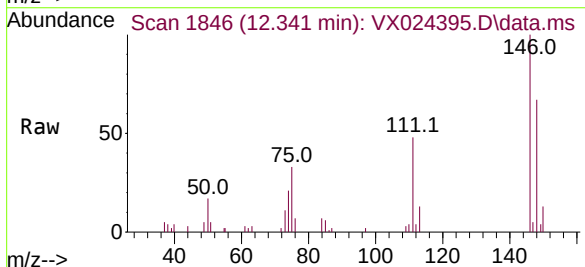
Manual Integrations
APPROVED

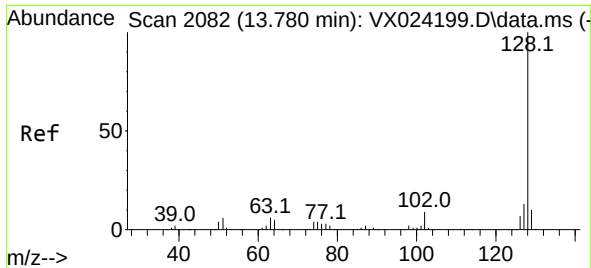
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9/23/2021 11:06:49 AM



#91
1,2-Dichlorobenzene
Concen: 1.471 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.1	20.8	62.2
148	65.1	31.9	95.5





#95
Naphthalene
Concen: 19.160 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024395.D
Acq: 21 Sep 2021 18:47

Tgt Ion:128 Resp: 145730
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.8 13.2

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

Manual Integrations
APPROVED

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