

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032639.D
 Acq On : 07 Nov 2022 19:51
 Operator : JC/MD
 Sample : N5504-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211L

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 03:17:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	86371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	24223	20.184	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.360%#		
35) Dibromofluoromethane	5.398	113	19220	21.853	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	43.700%#		
50) Toluene-d8	8.653	98	143673	46.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.960%		
62) 4-Bromofluorobenzene	11.079	95	38359	32.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	64.220%#		
Target Compounds					Qvalue	
16) Acetone	2.380	43	51433	117.916	ug/l	99
17) Carbon Disulfide	2.520	76	1234	0.598	ug/l	97
25) 2-Butanone	4.574	43	3669	5.429	ug/l	96
29) Tetrahydrofuran	5.038	42	1335	3.098	ug/l #	81
52) Toluene	8.720	92	4862	2.150	ug/l	95
67) Ethyl Benzene	10.195	91	12219	3.659	ug/l	95
68) m/p-Xylenes	10.305	106	27850	21.474	ug/l	98
69) o-Xylene	10.647	106	16957	13.448	ug/l	99
73) Isopropylbenzene	10.964	105	4219	1.516	ug/l	98
78) n-propylbenzene	11.305	91	13321	4.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	39807	16.737	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	169893	71.818	ug/l	100
85) sec-Butylbenzene	11.890	105	3900m	1.365	ug/l	
86) p-Isopropyltoluene	12.012	119	3924	1.619	ug/l	91
89) n-Butylbenzene	12.323	91	11522	5.463	ug/l #	14

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

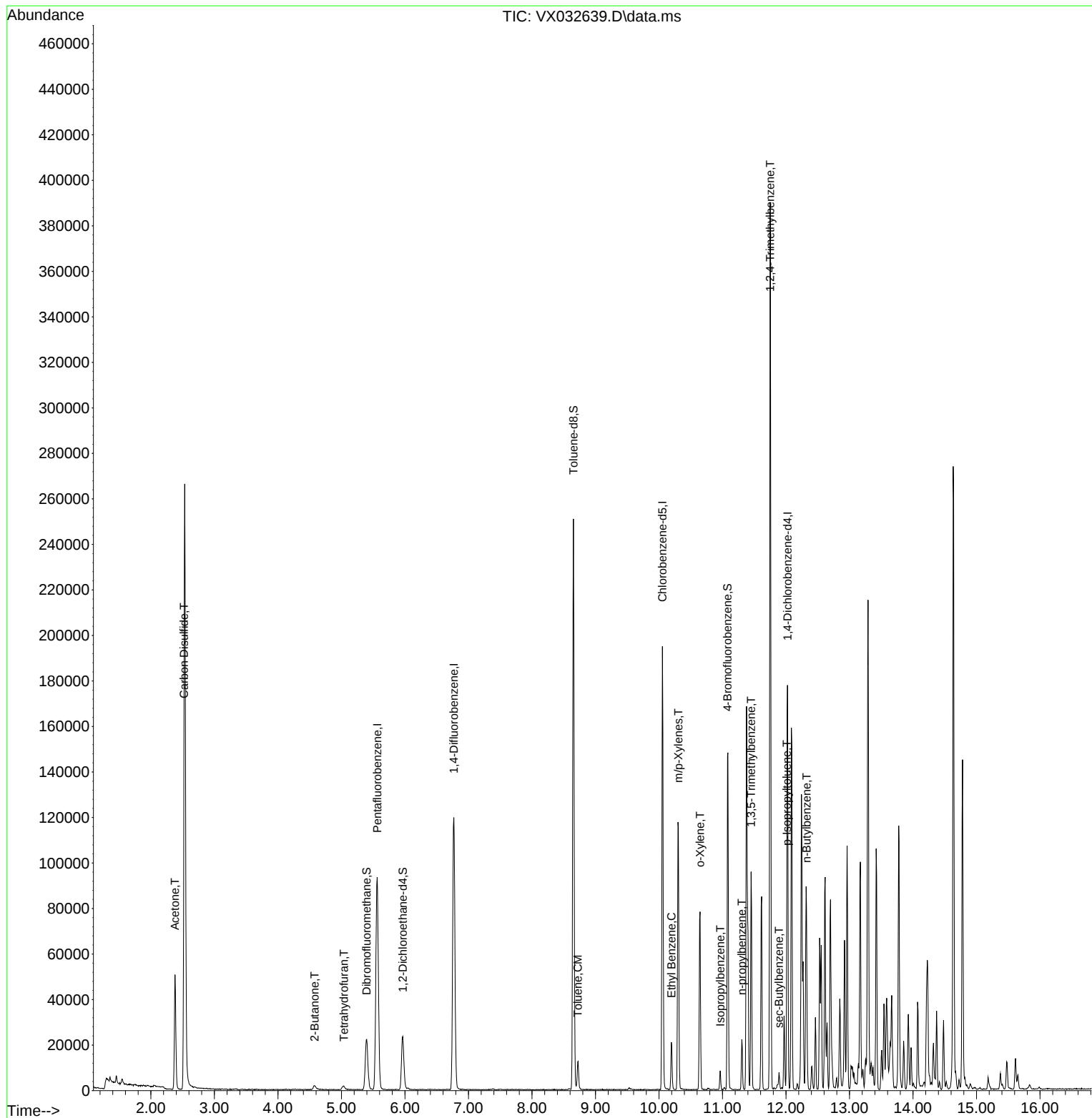
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032639.D
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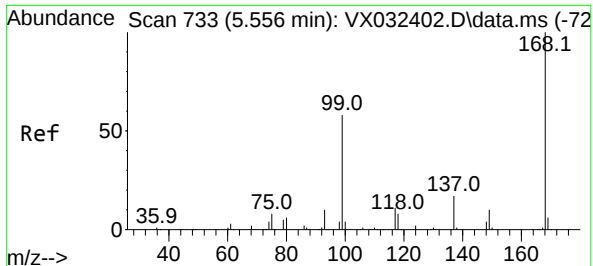
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Nov 08 03:17:56 2022
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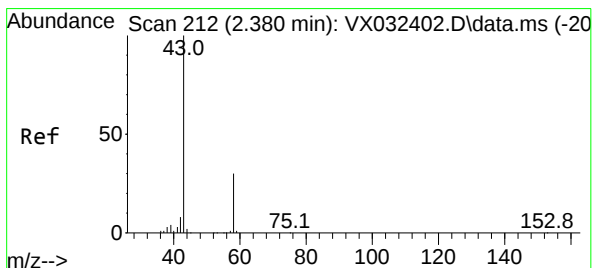
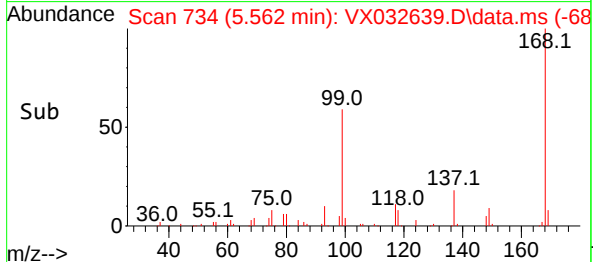
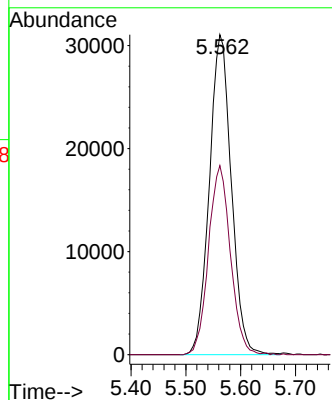
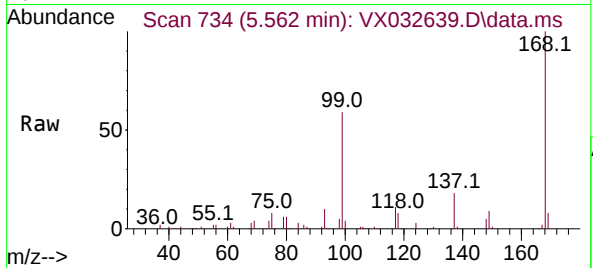
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Instrument :
MSVOA_X
Client Sample Id :
SV34211L

Tgt Ion: 168 Resp: 8637
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1

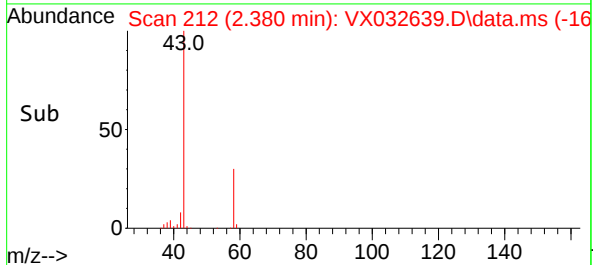
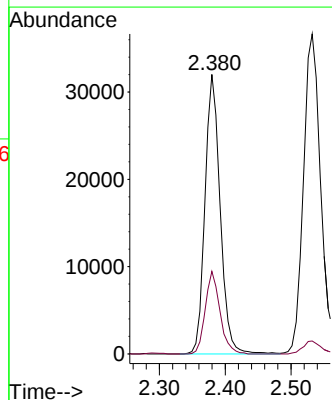
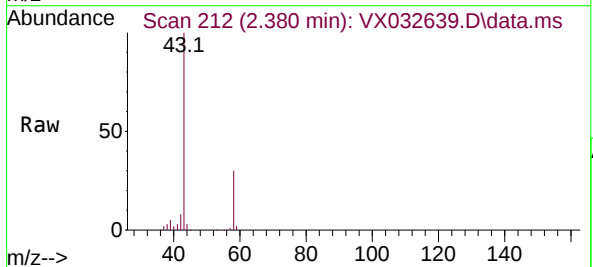
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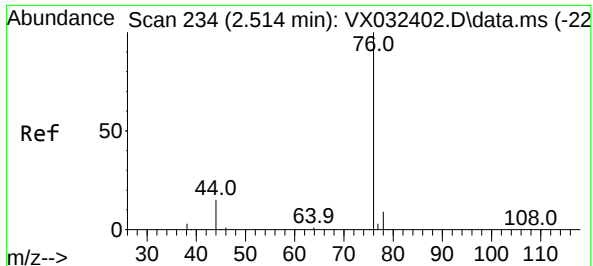
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#16
Acetone
Concen: 117.916 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Tgt Ion: 43 Resp: 51433
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8





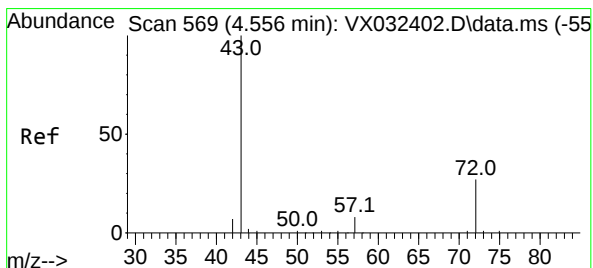
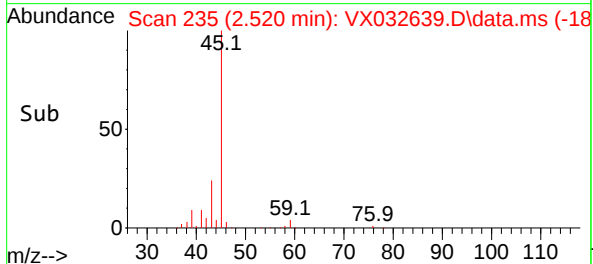
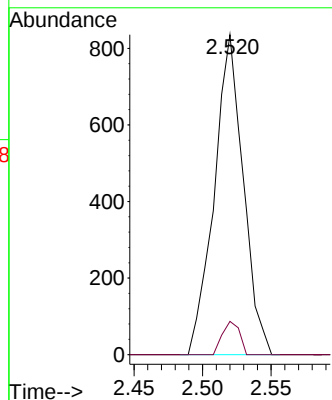
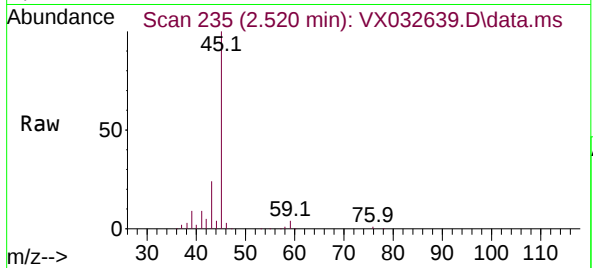
#17
Carbon Disulfide
Concen: 0.598 ug/l
RT: 2.520 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion: 76 Resp: 1234
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

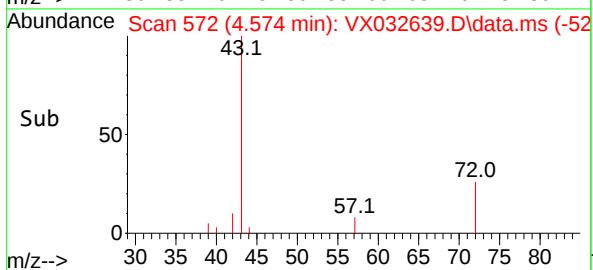
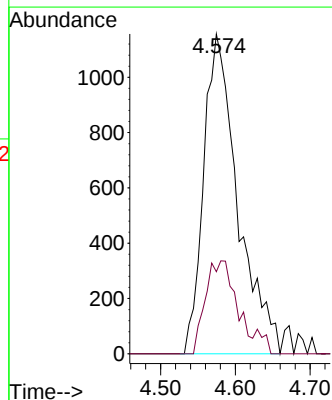
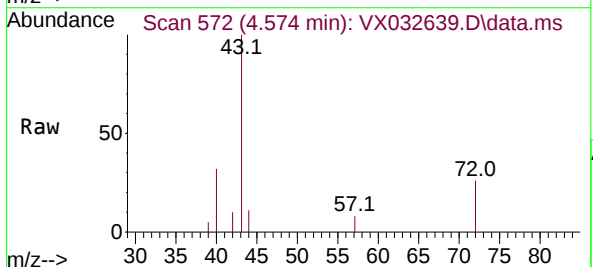
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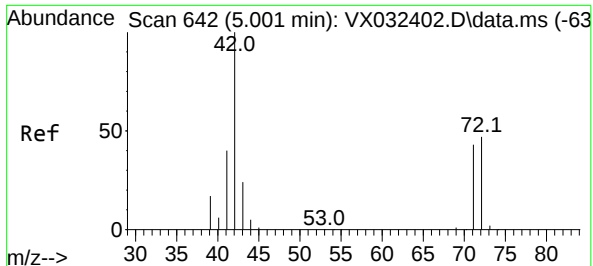
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#25
2-Butanone
Concen: 5.429 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
72 25.7 22.2 33.2





#29

Tetrahydrofuran

Concen: 3.098 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX032639.D

Acq: 07 Nov 2022 19:51

Instrument :

MSVOA_X

ClientSampleId :

SV34211L

Tgt Ion: 42 Resp: 1335

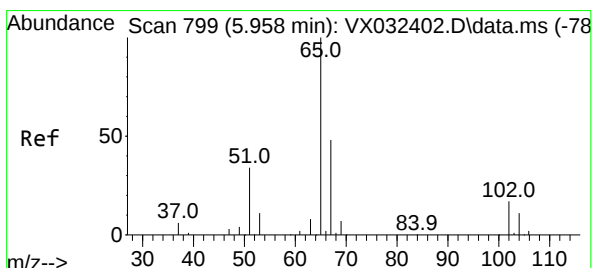
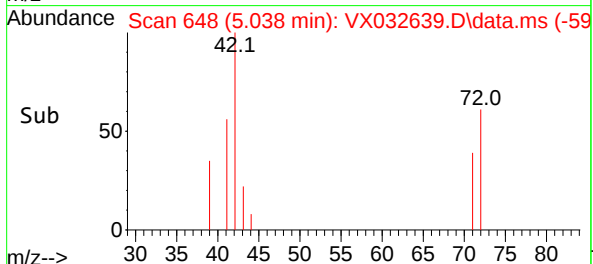
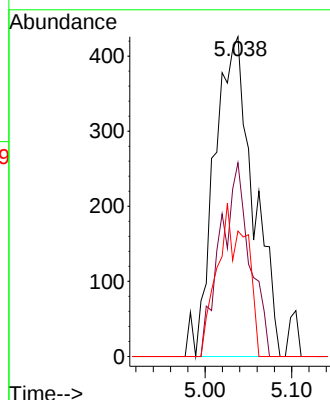
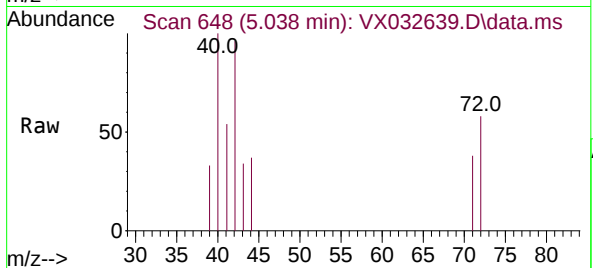
Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.6	56.4
71	19.8	34.7	52.1

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 20.184 ug/l

RT: 5.964 min Scan# 800

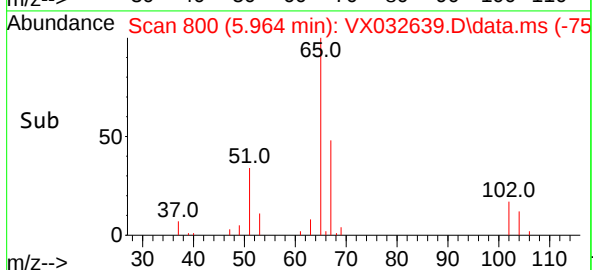
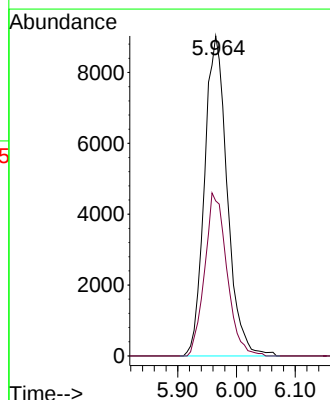
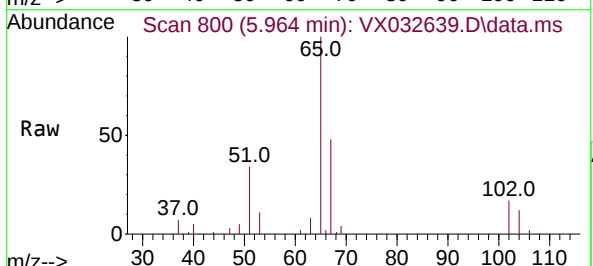
Delta R.T. 0.006 min

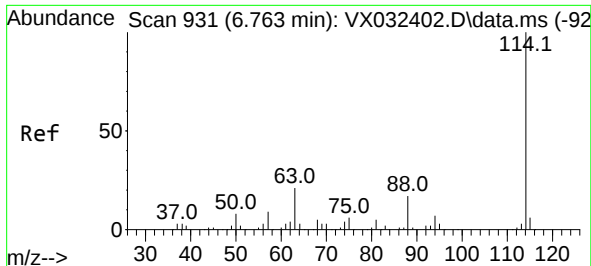
Lab File: VX032639.D

Acq: 07 Nov 2022 19:51

Tgt Ion: 65 Resp: 24223

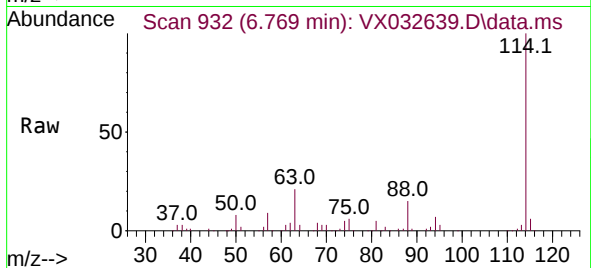
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

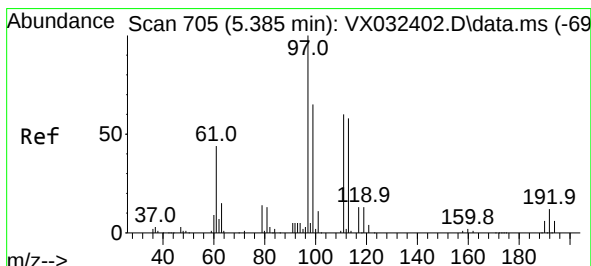
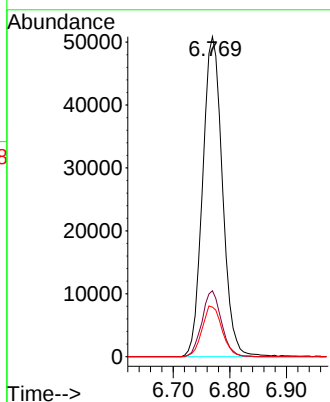
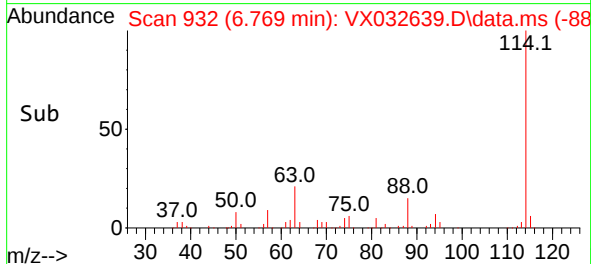
Instrument :
MSVOA_X
ClientSampleId :
SV34211L



Tgt Ion:114 Resp: 123299
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 15.5 0.0 33.4

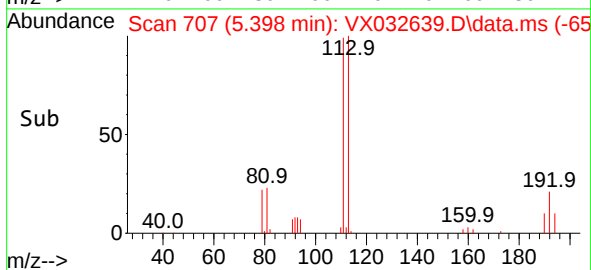
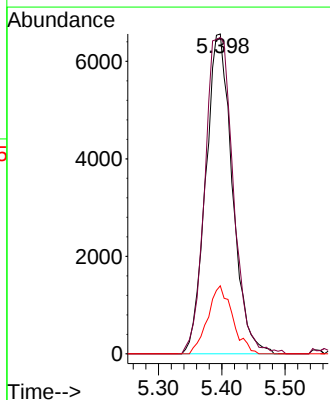
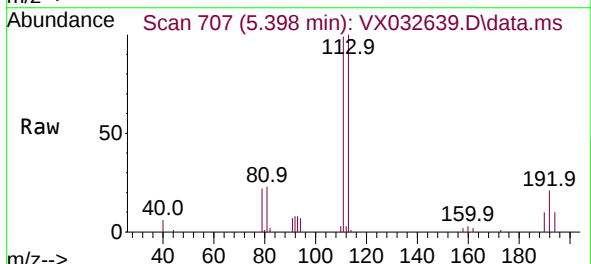
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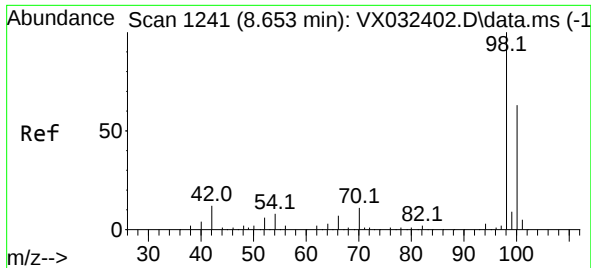
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#35
Dibromofluoromethane
Concen: 21.853 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

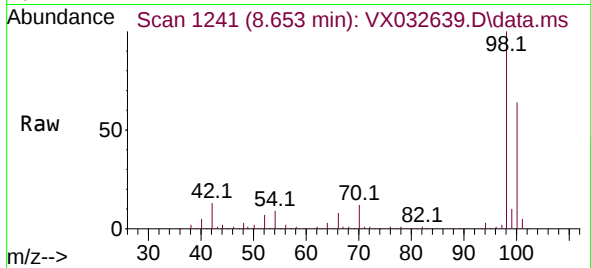
Tgt Ion:113 Resp: 19220
Ion Ratio Lower Upper
113 100
111 105.6 82.4 123.6
192 19.8 15.4 23.2





#50
Toluene-d8
Concen: 46.979 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

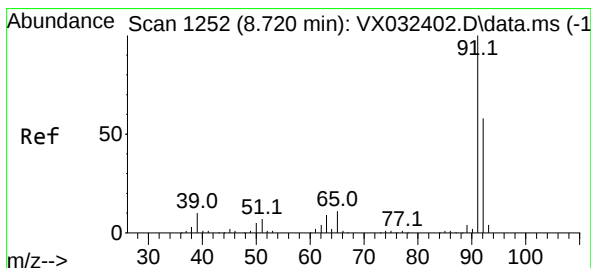
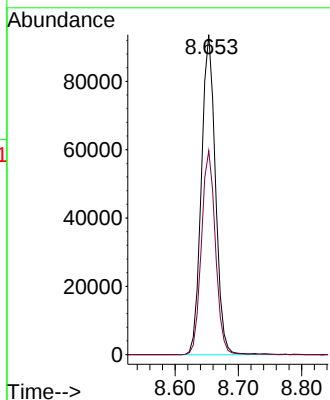
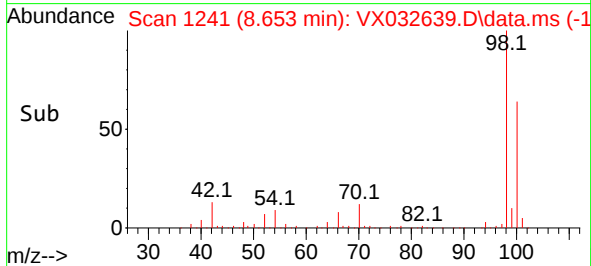
Instrument :
MSVOA_X
ClientSampleId :
SV34211L



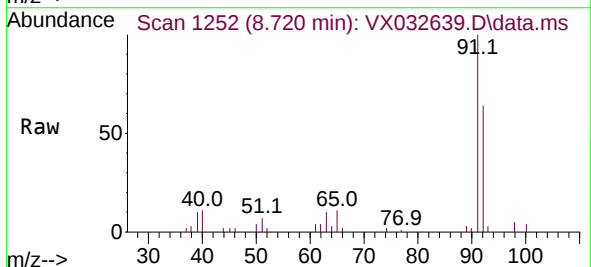
Tgt Ion: 98 Resp: 143673
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

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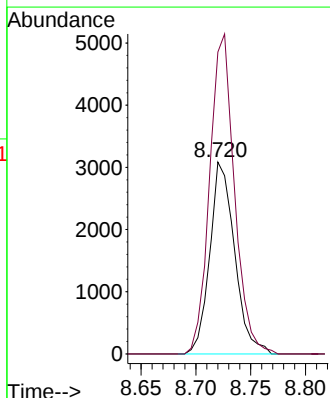
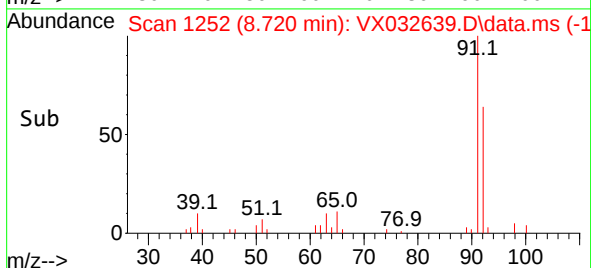
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

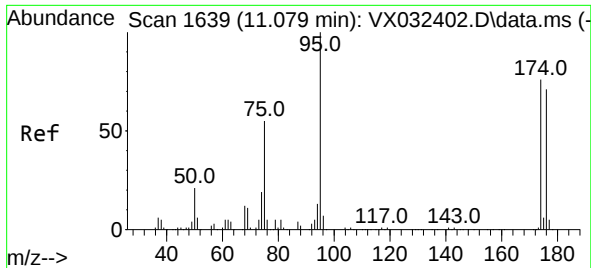


#52
Toluene
Concen: 2.150 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51



Tgt Ion: 92 Resp: 4862
Ion Ratio Lower Upper
92 100
91 166.5 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 32.110 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032639.D

Acq: 07 Nov 2022 19:51

Instrument :

MSVOA_X

ClientSampleId :

SV34211L

Tgt Ion: 95 Resp: 38359

Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.0

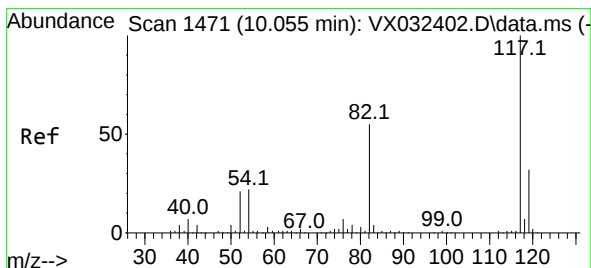
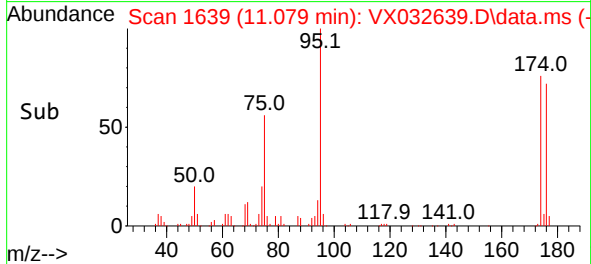
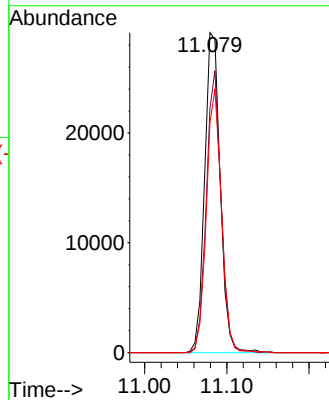
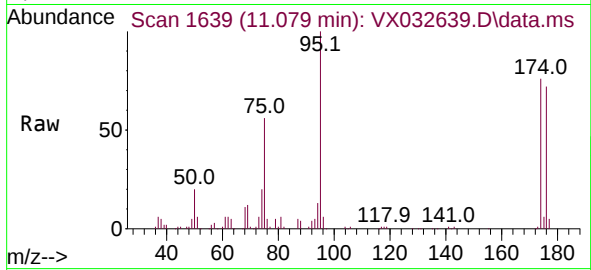
176 79.7 0.0 154.4

Manual Integrations

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Supervised By :Mahesh Dadoda 11/08/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032639.D

Acq: 07 Nov 2022 19:51

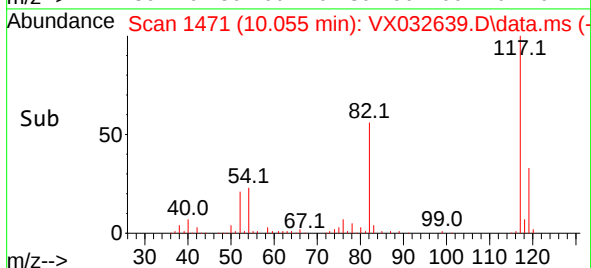
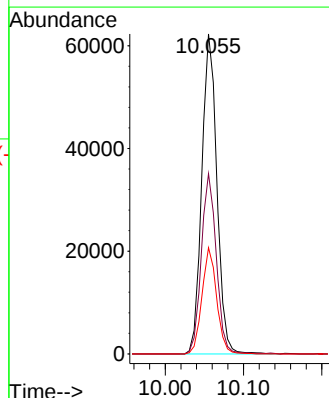
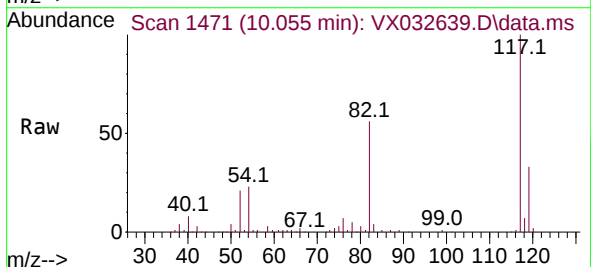
Tgt Ion:117 Resp: 83377

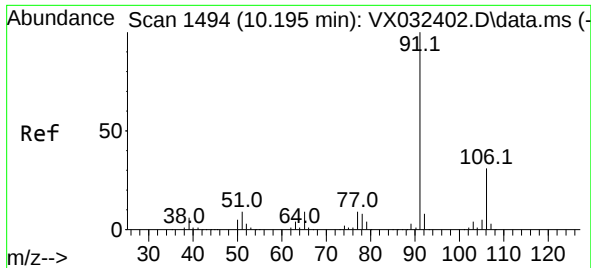
Ion Ratio Lower Upper

117 100

82 56.3 44.3 66.5

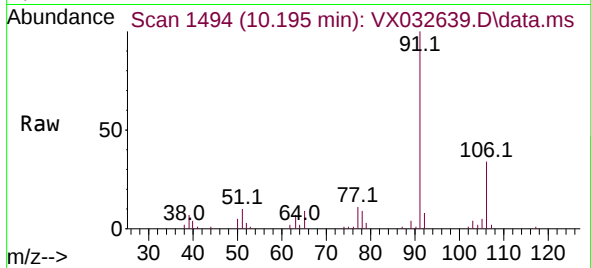
119 33.2 25.7 38.5





#67
Ethyl Benzene
Concen: 3.659 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

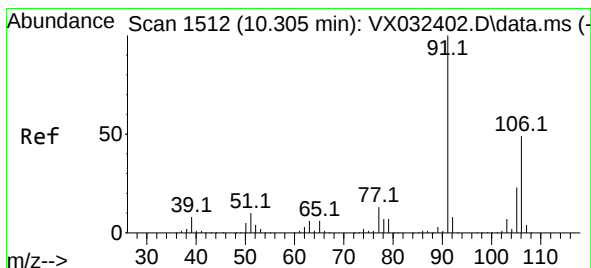
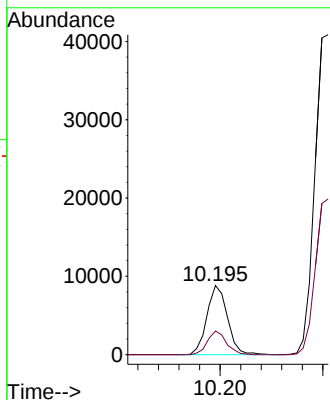
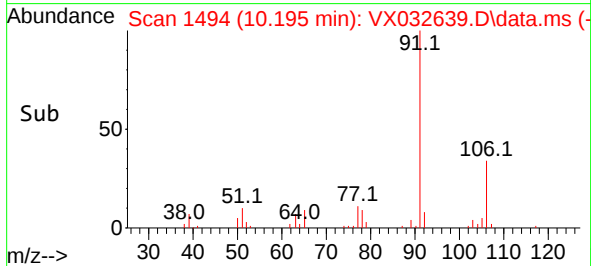
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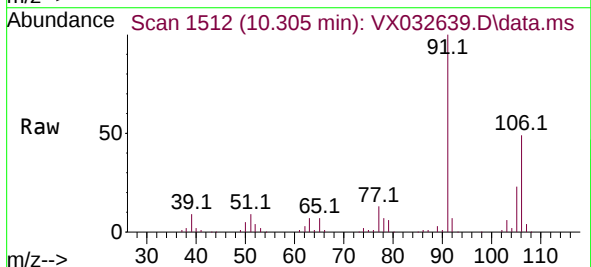
Tgt Ion: 91 Resp: 12219
Ion Ratio Lower Upper
91 100
106 34.3 25.0 37.6

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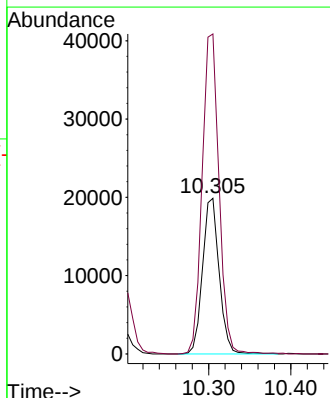
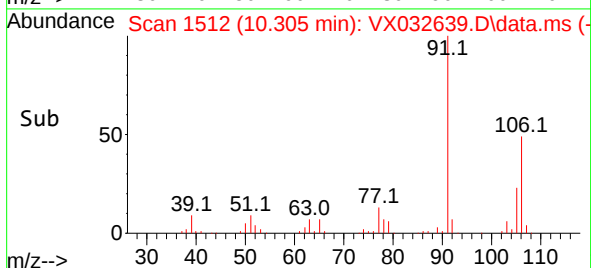
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

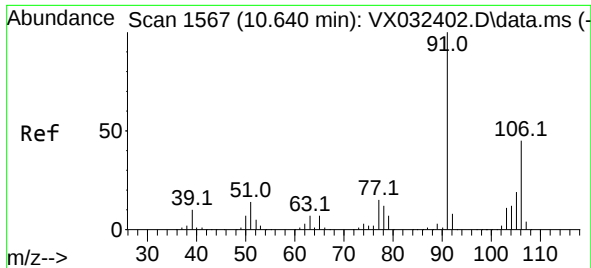


#68
m/p-Xylenes
Concen: 21.474 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51



Tgt Ion:106 Resp: 27850
Ion Ratio Lower Upper
106 100
91 208.9 164.5 246.7





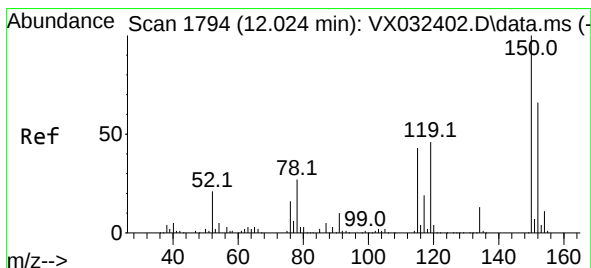
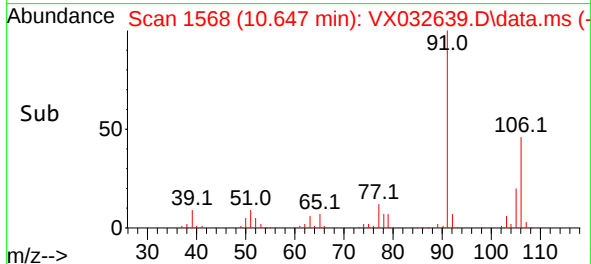
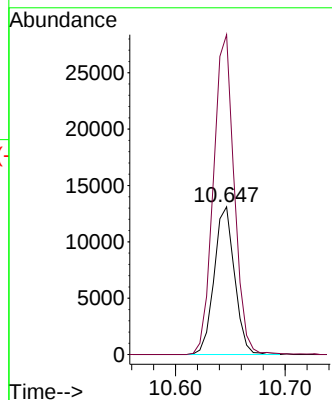
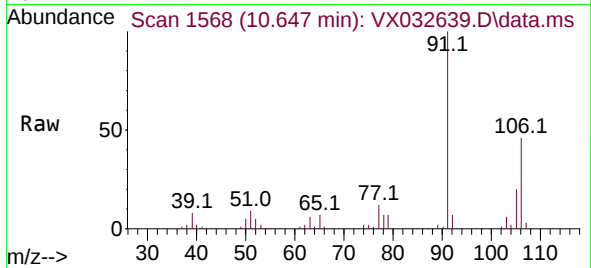
#69
o-Xylene
Concen: 13.448 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion:106 Resp: 1695
Ion Ratio Lower Upper
106 100
91 220.6 109.2 327.6

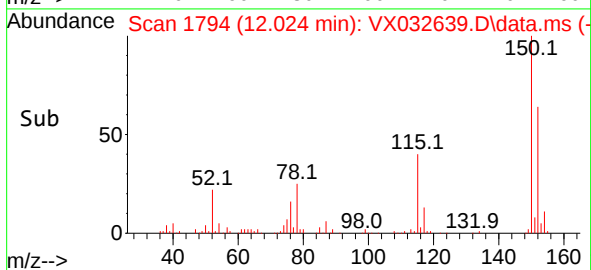
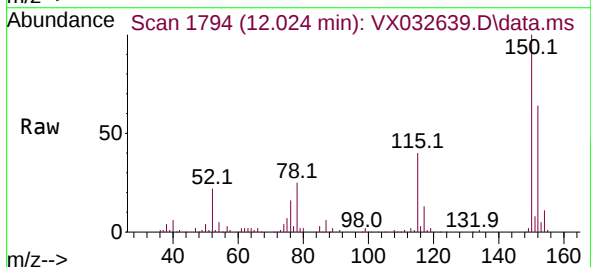
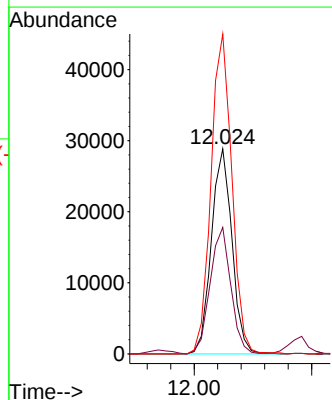
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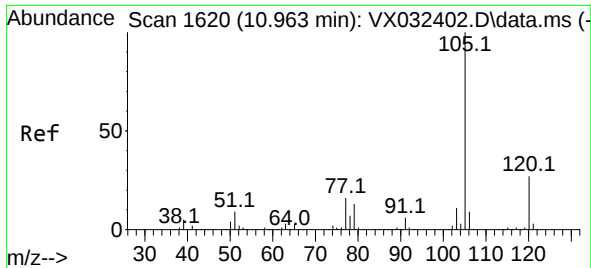
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Tgt Ion:152 Resp: 35119
Ion Ratio Lower Upper
152 100
115 62.1 44.0 132.0
150 157.7 0.0 351.8





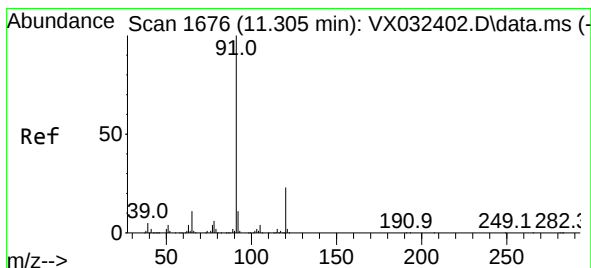
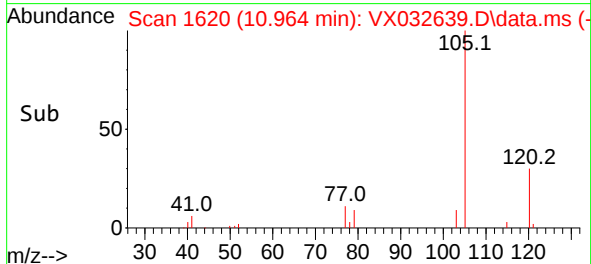
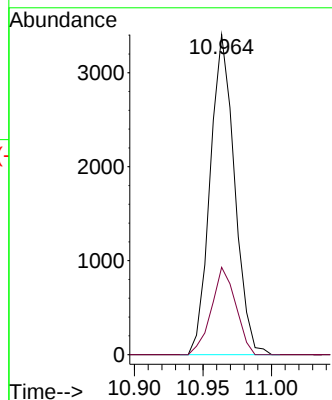
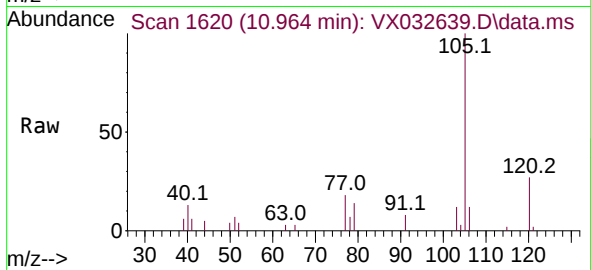
#73
Isopropylbenzene
Concen: 1.516 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion:105 Resp: 4219
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.3

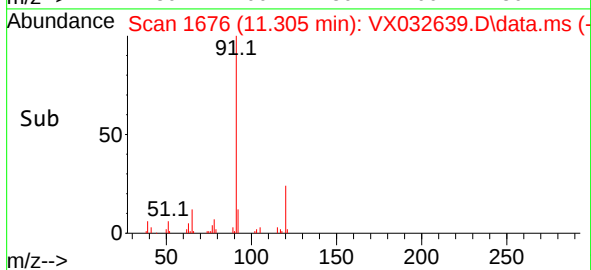
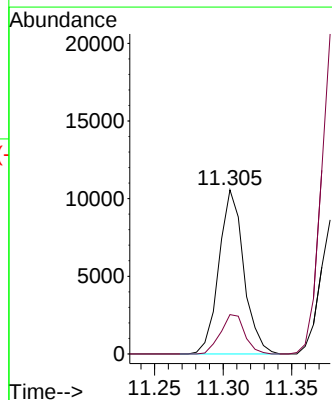
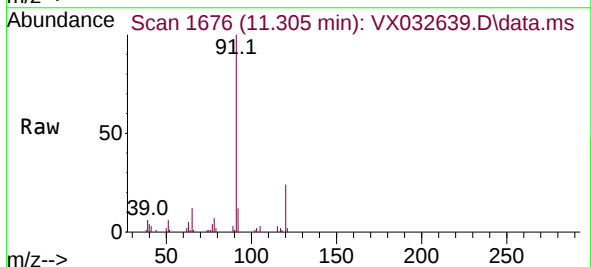
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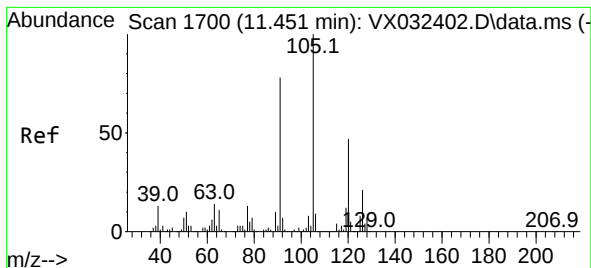
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#78
n-propylbenzene
Concen: 4.155 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Tgt Ion: 91 Resp: 13321
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





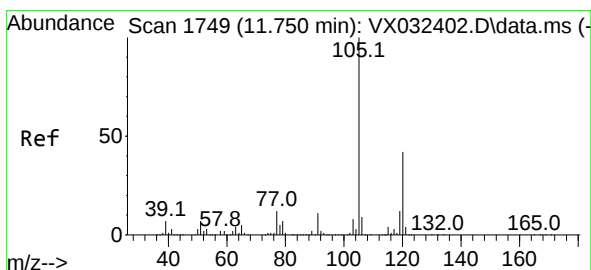
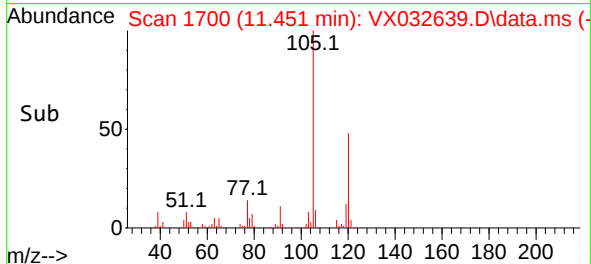
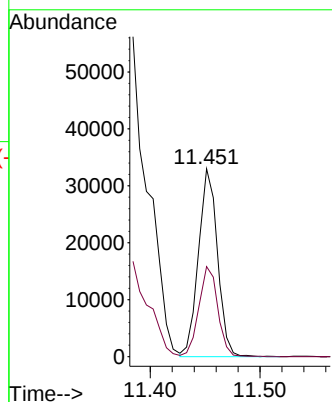
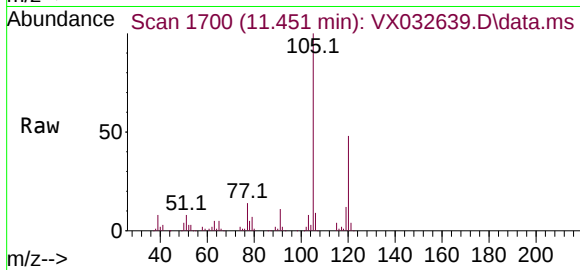
#80
1,3,5-Trimethylbenzene
Concen: 16.737 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
SV34211L

Tgt Ion:105 Resp: 3980
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0

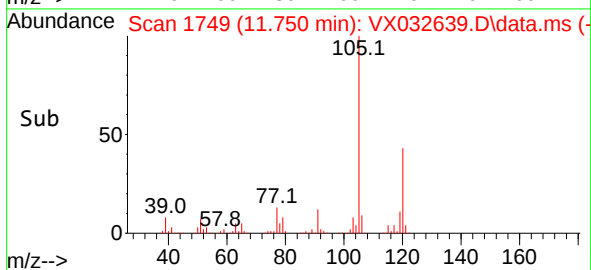
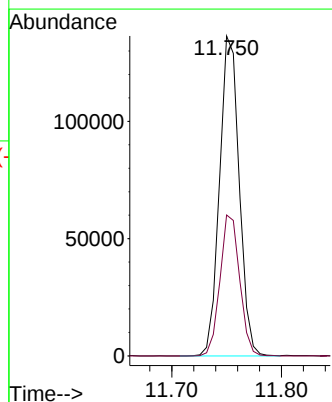
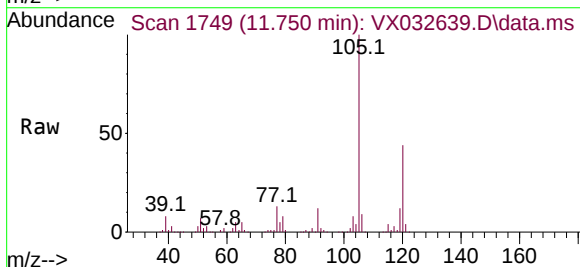
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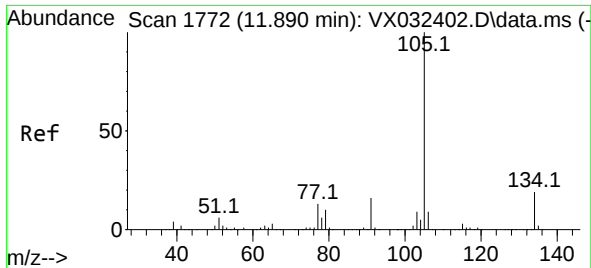
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#84
1,2,4-Trimethylbenzene
Concen: 71.818 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032639.D
Acq: 07 Nov 2022 19:51

Tgt Ion:105 Resp: 169893
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.5





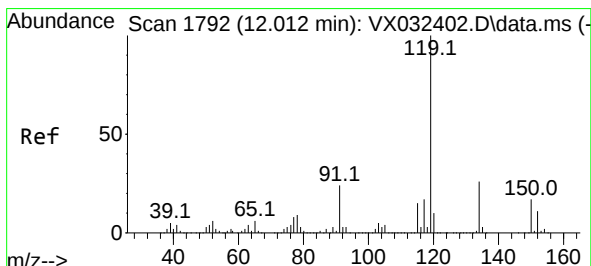
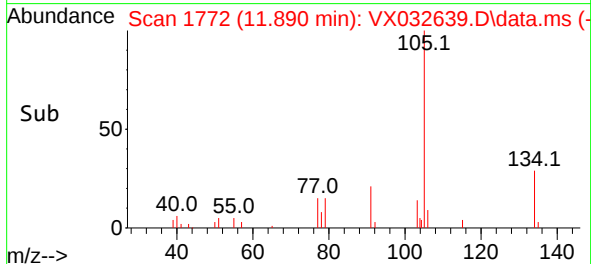
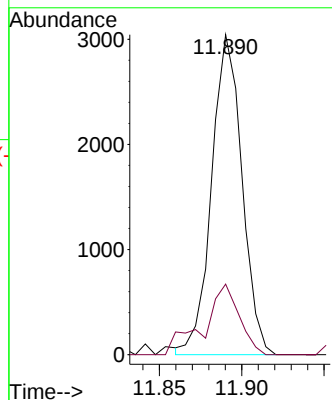
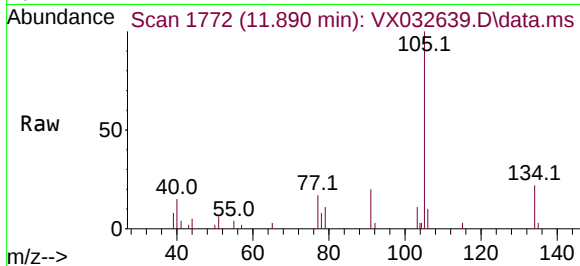
#85
 sec-Butylbenzene
 Concen: 1.365 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032639.D
 Acq: 07 Nov 2022 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211L

Tgt Ion:105 Resp: 3900
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

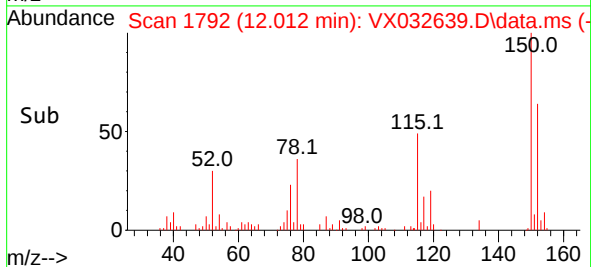
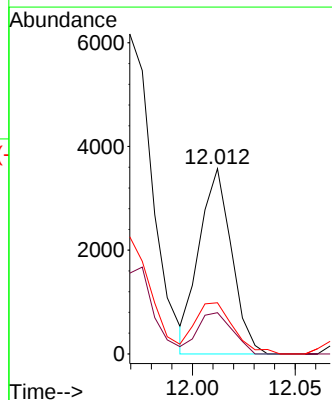
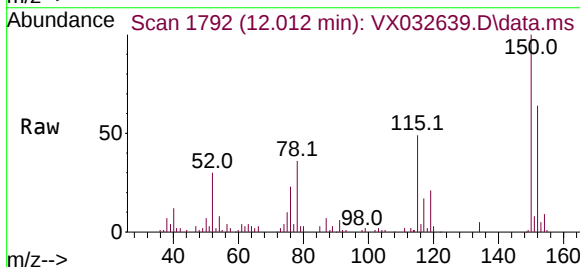
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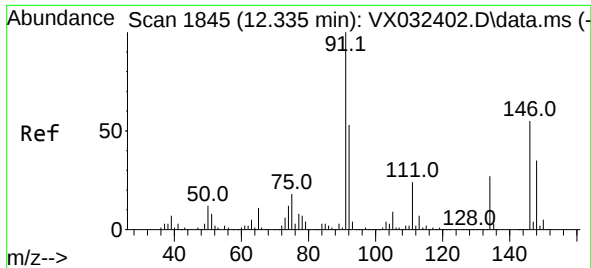
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022



#86
 p-Isopropyltoluene
 Concen: 1.619 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032639.D
 Acq: 07 Nov 2022 19:51

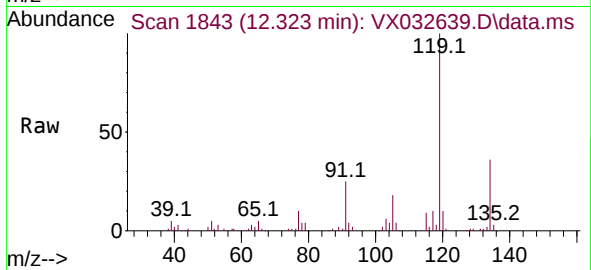
Tgt Ion:119 Resp: 3924
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.9 38.7
 91 32.8 12.5 37.5





#89
 n-Butylbenzene
 Concen: 5.463 ug/l
 RT: 12.323 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: VX032639.D
 Acq: 07 Nov 2022 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211L



Tgt Ion: 91 Resp: 1152

Ion	Ratio	Lower	Upper
91	100		
92	25.3	26.2	78.6
134	119.3	12.9	38.6

Manual Integrations
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Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

