

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032630.D
 Acq On : 07 Nov 2022 16:24
 Operator : JC/MD
 Sample : N5484-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP110322

Quant Time: Nov 08 03:14:48 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72625	49.643	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	56552	46.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.300%		
50) Toluene-d8	8.647	98	212048	49.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.520%		
62) 4-Bromofluorobenzene	11.079	95	84781	50.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.860%		
Target Compounds					Qvalue	
16) Acetone	2.379	43	3862m	7.263	ug/l	
25) 2-Butanone	4.580	43	2254	2.736	ug/l	97
30) Chloroform	5.104	83	3579	1.558	ug/l	99
31) Cyclohexane	5.470	56	87922	49.567	ug/l	95
39) Methylcyclohexane	7.385	83	60548	29.988	ug/l	96
40) Benzene	6.043	78	1828	0.379	ug/l #	87
51) 4-Methyl-2-Pentanone	8.579	43	3424	1.993	ug/l	92
52) Toluene	8.720	92	64390	20.437	ug/l	99
67) Ethyl Benzene	10.195	91	678744	111.324	ug/l	100
68) m/p-Xylenes	10.305	106	564315	238.358	ug/l	100
69) o-Xylene	10.640	106	251898	109.432	ug/l	99
73) Isopropylbenzene	10.963	105	86577	13.869	ug/l	100
78) n-propylbenzene	11.305	91	170457	23.700	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	284042	53.238	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	900173	169.634	ug/l	98
85) sec-Butylbenzene	11.890	105	13878m	2.165	ug/l	
86) p-Isopropyltoluene	12.006	119	8167m	1.502	ug/l	
89) n-Butylbenzene	12.329	91	34225	7.234	ug/l #	31
95) Naphthalene	13.774	128	273077	44.154	ug/l	100

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

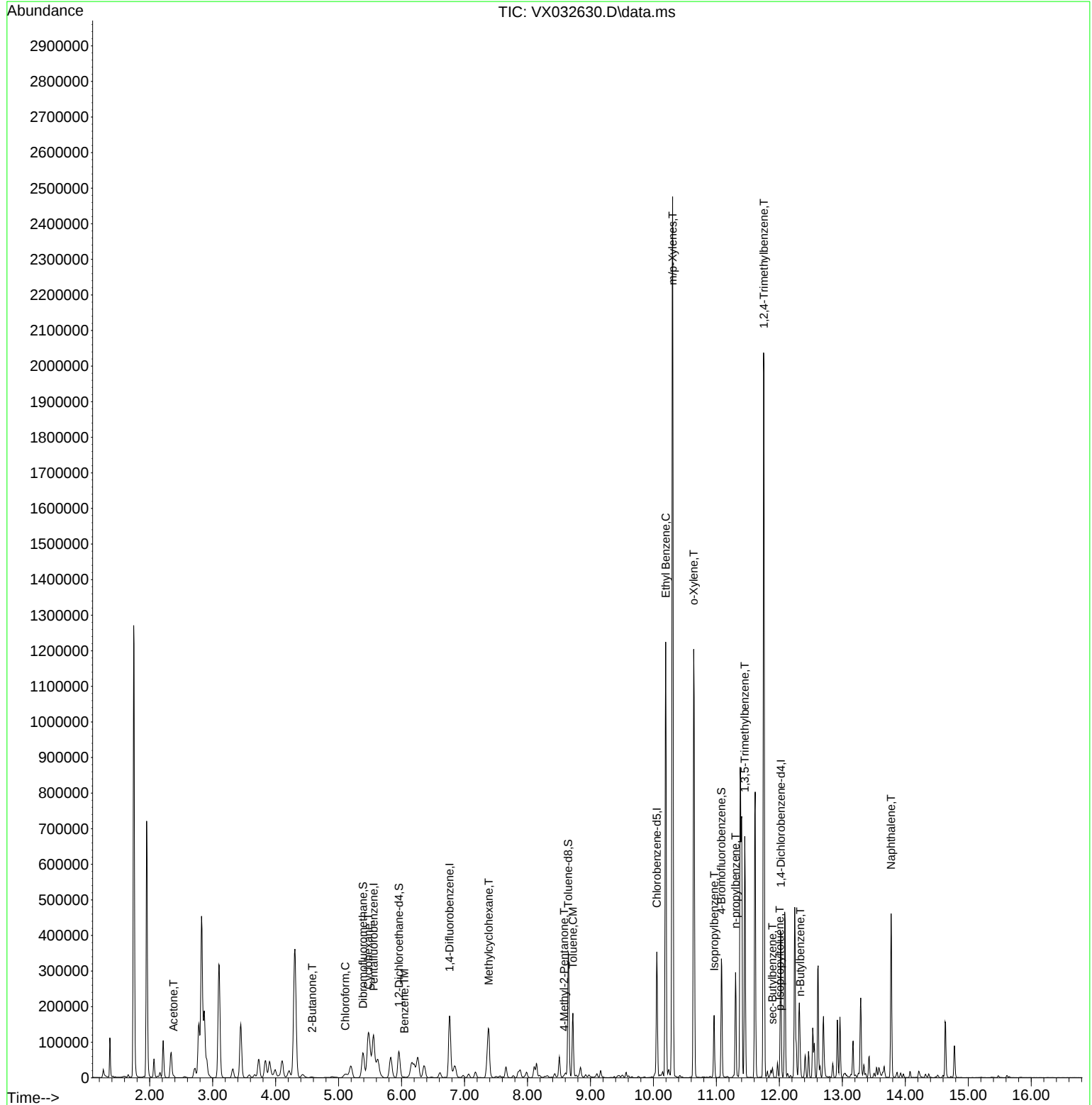
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032630.D
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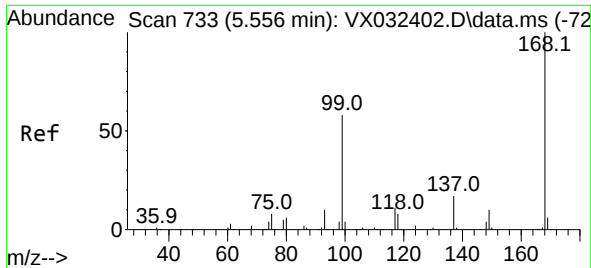
Instrument :
MSVOA_X
ClientSampleId :
DUP110322

Quant Time: Nov 08 03:14:48 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

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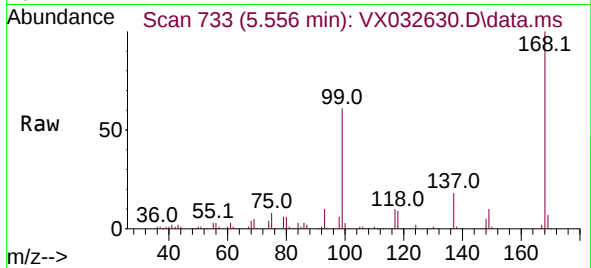
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

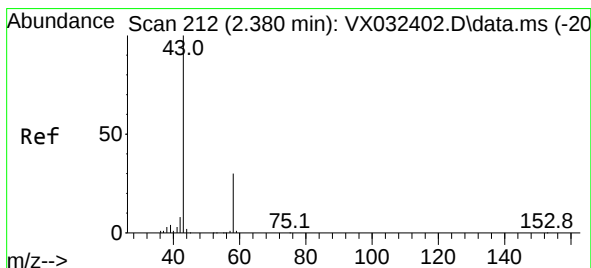
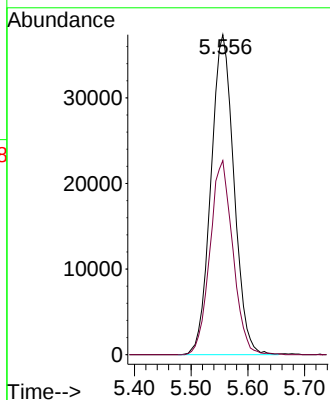
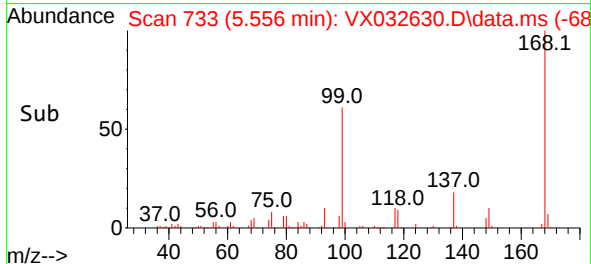
Instrument :
MSVOA_X
Client Sample Id :
DUP110322



Tgt Ion: 168 Resp: 105288
Ion Ratio Lower Upper
168 100
99 60.6 46.1 69.1

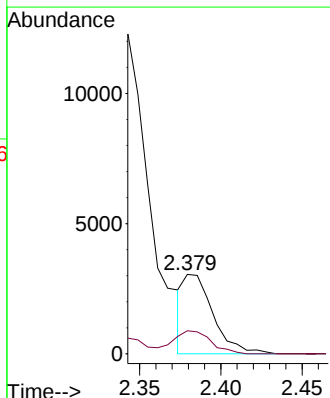
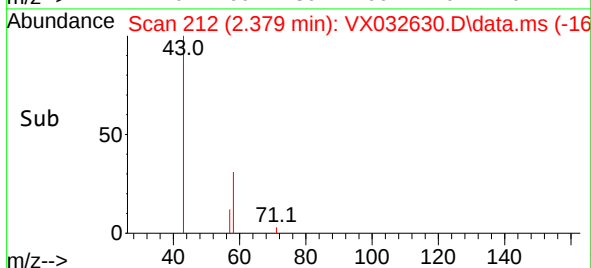
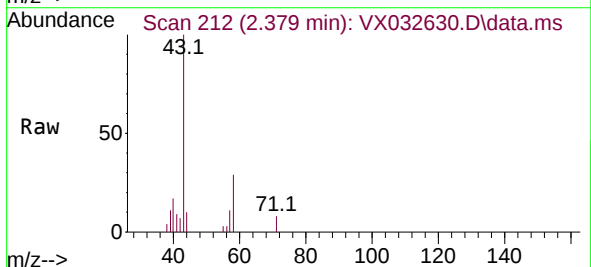
Manual Integrations
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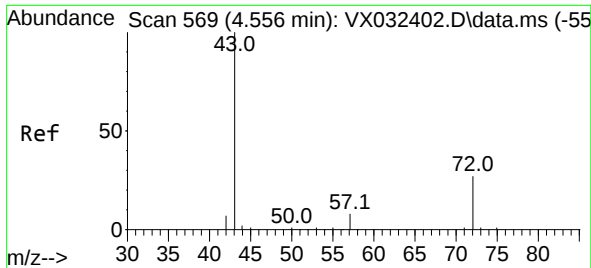
Reviewed By : John Carlone 11/08/2022
Supervised By : Mahesh Dadoda 11/08/2022



#16
Acetone
Concen: 7.263 ug/l m
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.8





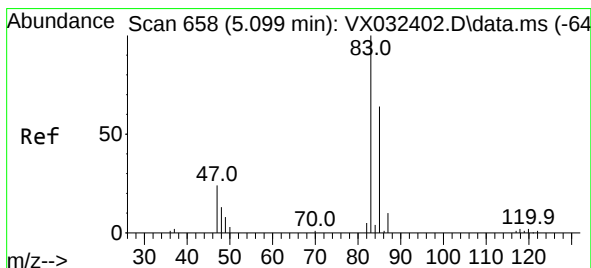
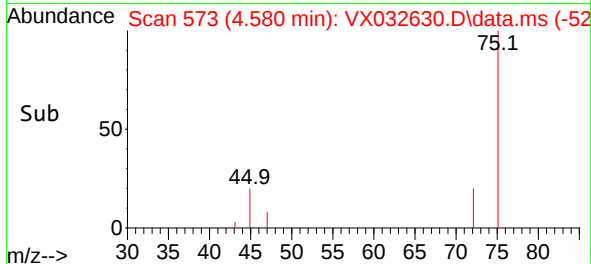
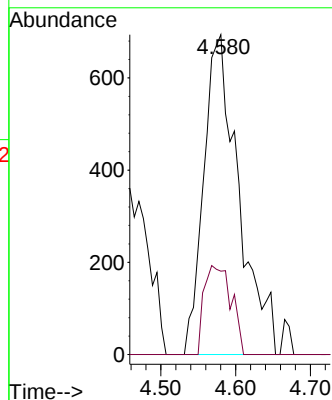
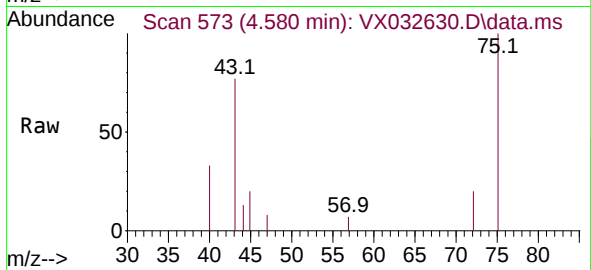
#25
2-Butanone
Concen: 2.736 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP110322

Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
72 26.1 22.2 33.2

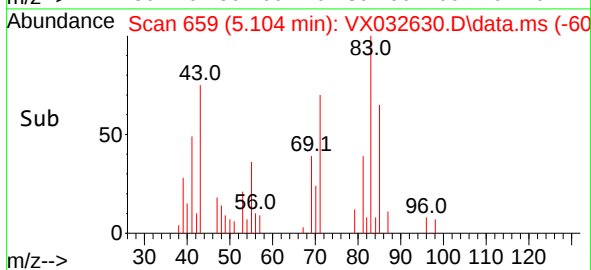
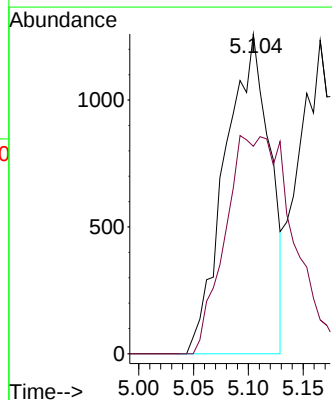
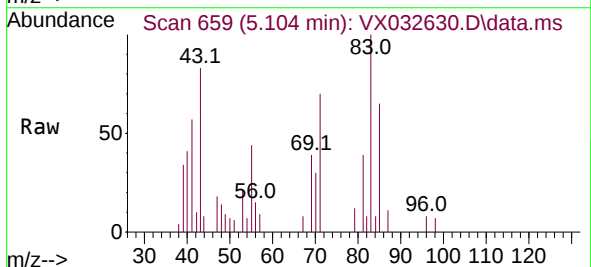
Manual Integrations
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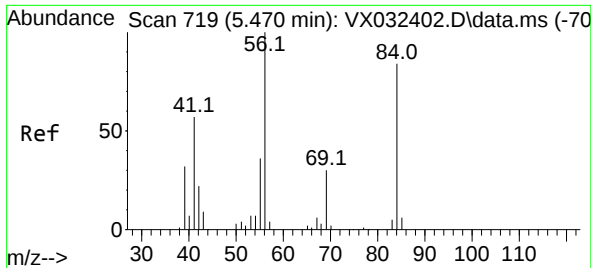
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#30
Chloroform
Concen: 1.558 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

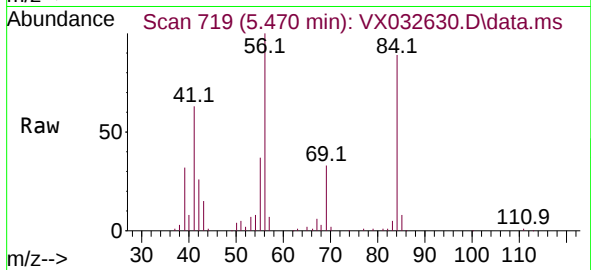
Tgt Ion: 83 Resp: 3579
Ion Ratio Lower Upper
83 100
85 64.9 51.1 76.7





#31
Cyclohexane
Concen: 49.567 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

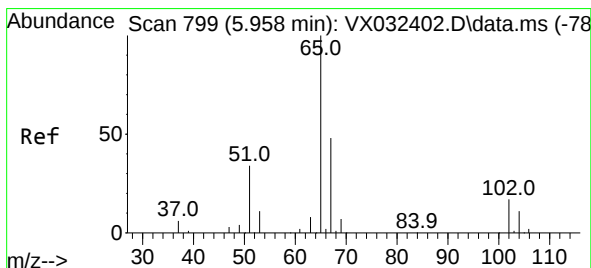
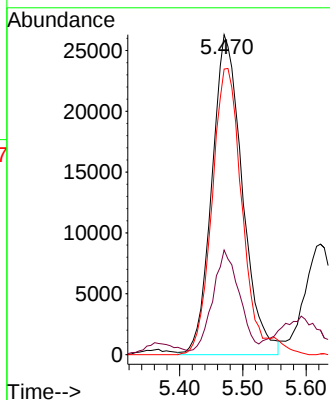
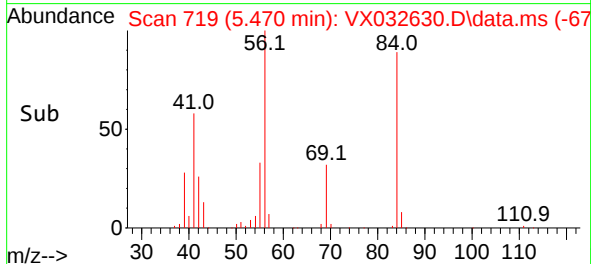
Instrument :
MSVOA_X
ClientSampleId :
DUP110322



Tgt Ion: 56 Resp: 87922
Ion Ratio Lower Upper
56 100
69 30.6 24.1 36.1
84 89.8 66.9 100.3

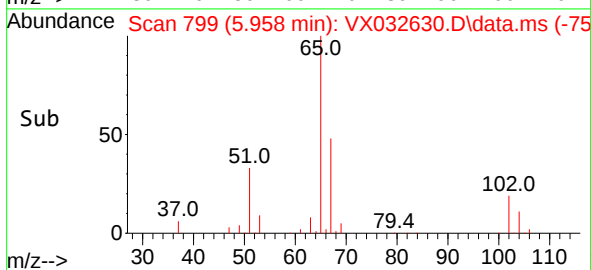
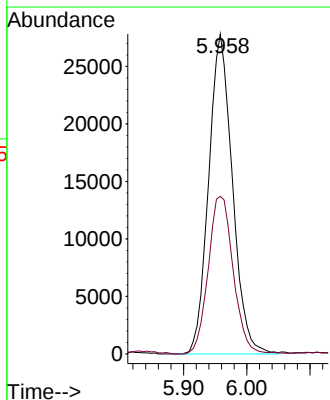
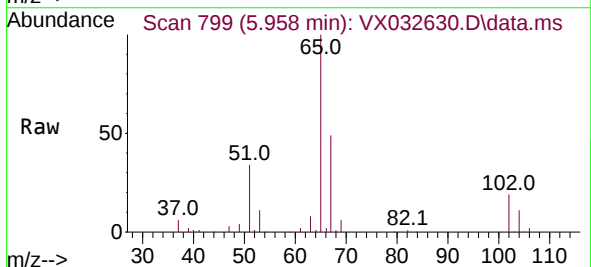
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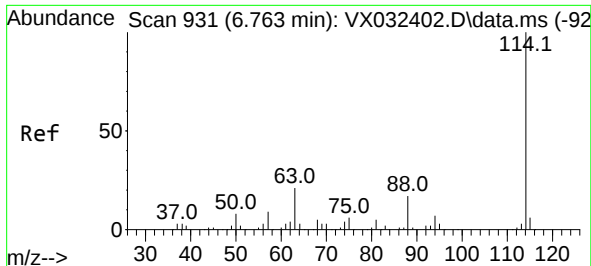
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#33
1,2-Dichloroethane-d4
Concen: 49.643 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

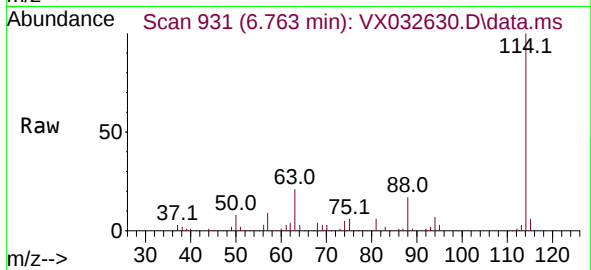
Tgt Ion: 65 Resp: 72625
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

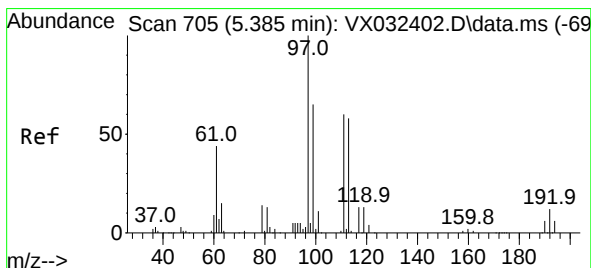
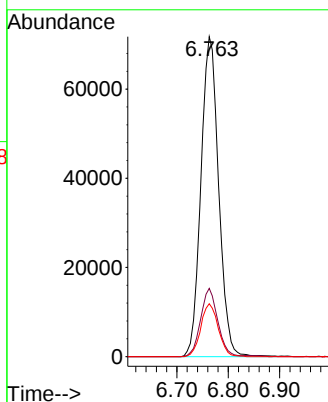
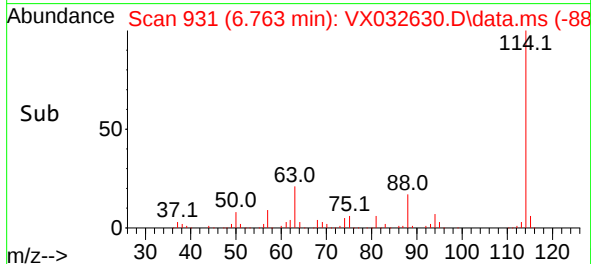
Instrument :
MSVOA_X
ClientSampleId :
DUP110322



Tgt Ion:114 Resp: 171798
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 16.5 0.0 33.4

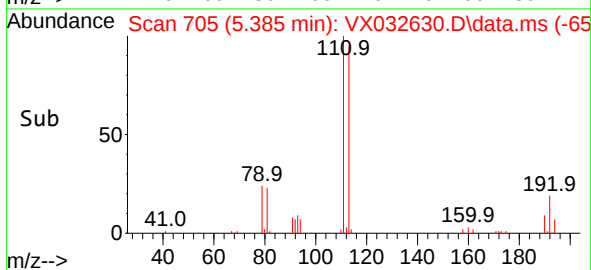
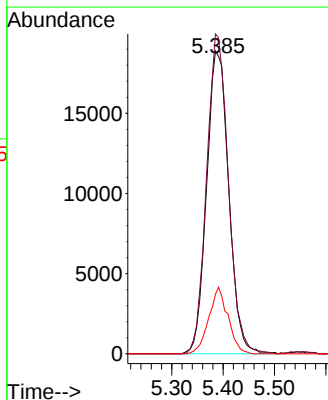
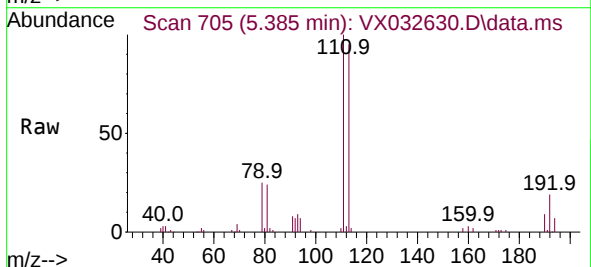
Manual Integrations
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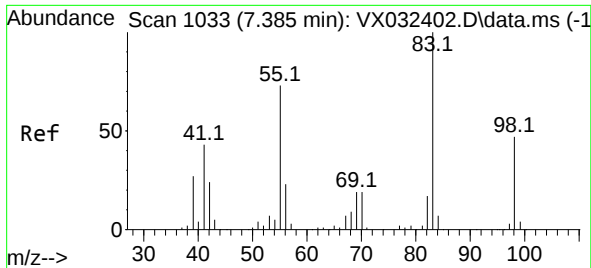
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#35
Dibromofluoromethane
Concen: 46.148 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Tgt Ion:113 Resp: 56552
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.1 15.4 23.2





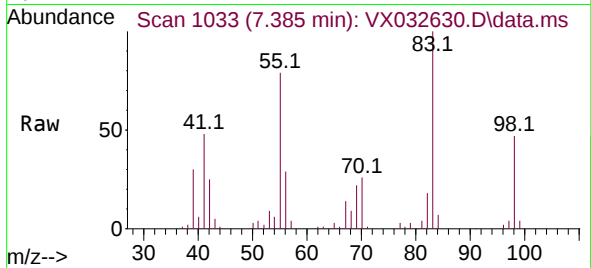
#39
Methylcyclohexane
Concen: 29.988 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP110322



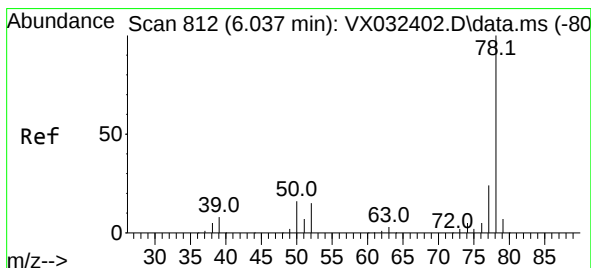
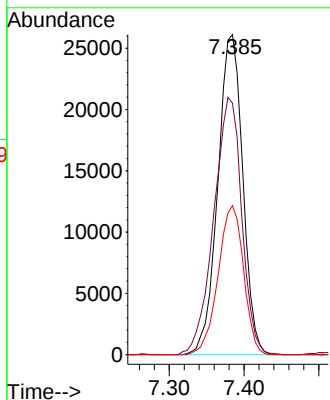
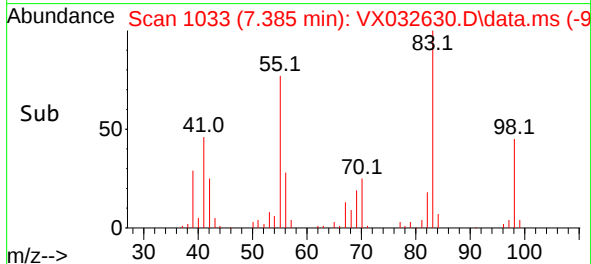
Tgt Ion: 83 Resp: 60548
Ion Ratio Lower Upper
83 100
55 78.6 58.4 87.6
98 46.5 37.2 55.8

Manual Integrations

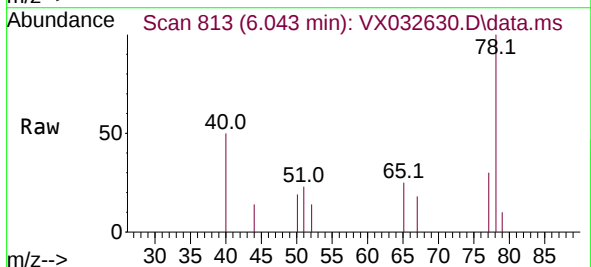
APPROVED

Reviewed By :John Carlone 11/08/2022

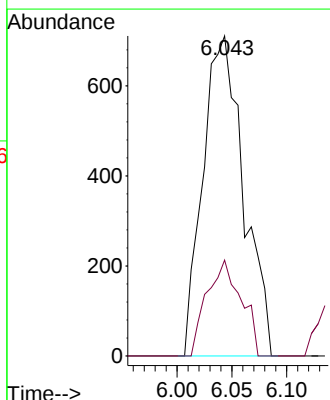
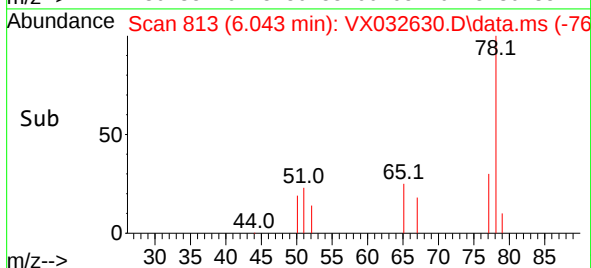
Supervised By :Mahesh Dadoda 11/08/2022

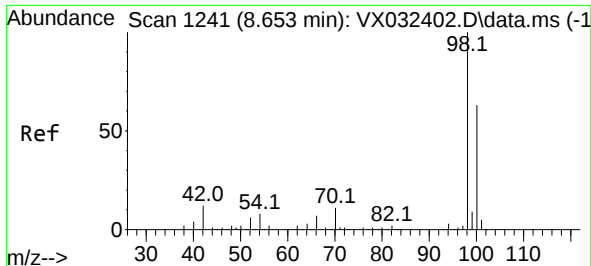


#40
Benzene
Concen: 0.379 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24



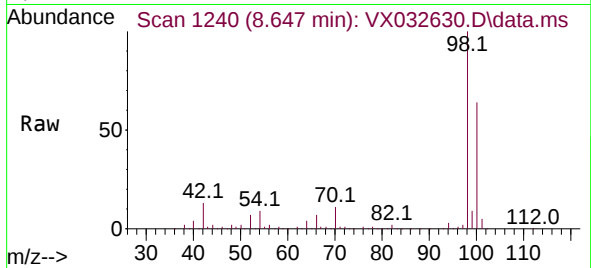
Tgt Ion: 78 Resp: 1828
Ion Ratio Lower Upper
78 100
77 30.0 19.0 28.4#





#50
Toluene-d8
Concen: 49.763 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

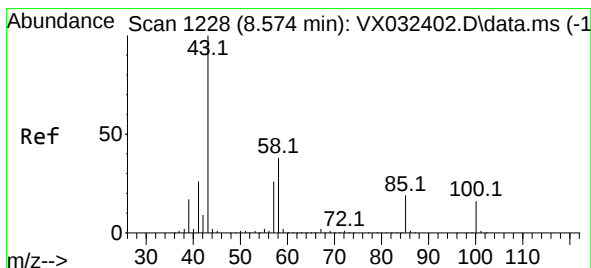
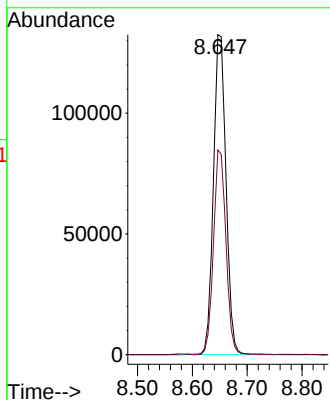
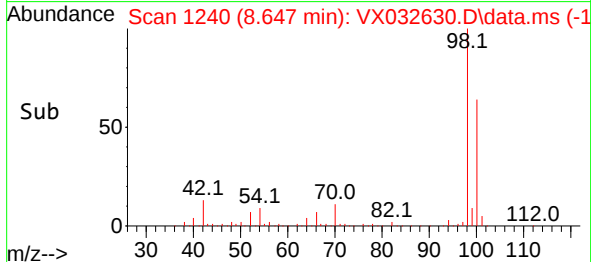
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DUP110322



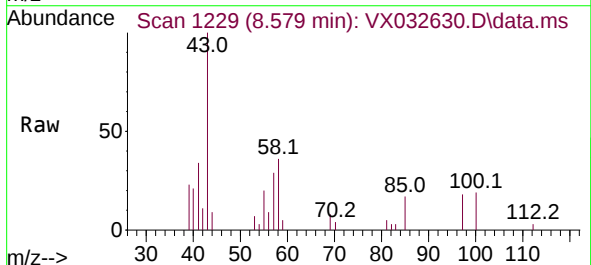
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Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

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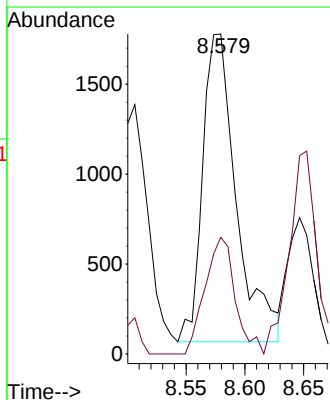
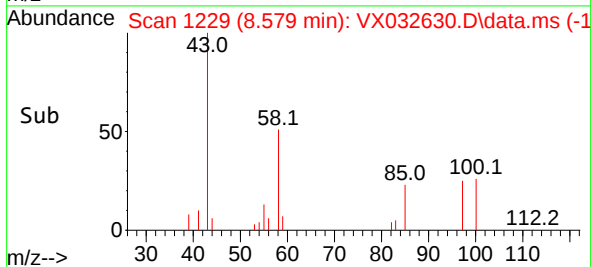
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

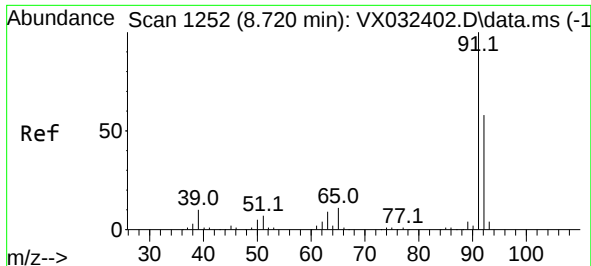


#51
4-Methyl-2-Pentanone
Concen: 1.993 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24



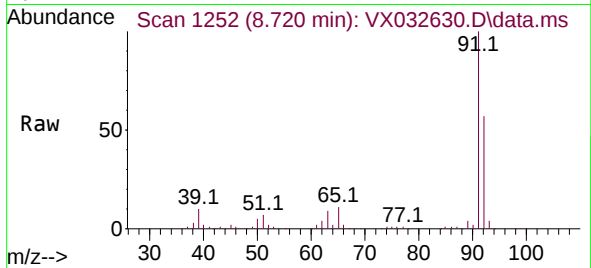
Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
58 33.7 30.9 46.3





#52
Toluene
Concen: 20.437 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

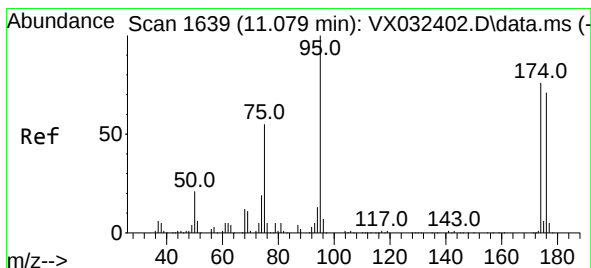
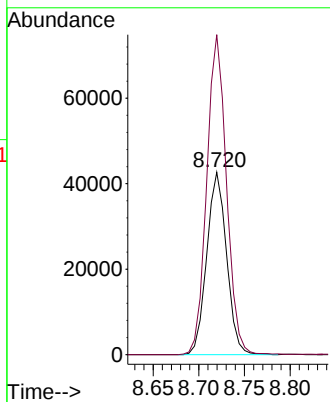
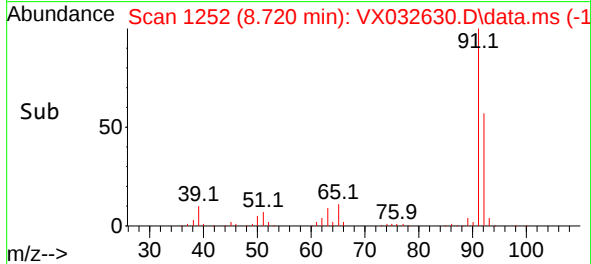
Instrument :
MSVOA_X
ClientSampleId :
DUP110322



Tgt Ion: 92 Resp: 64390
Ion Ratio Lower Upper
92 100
91 174.7 138.3 207.5

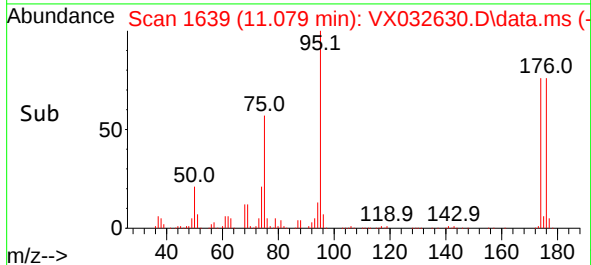
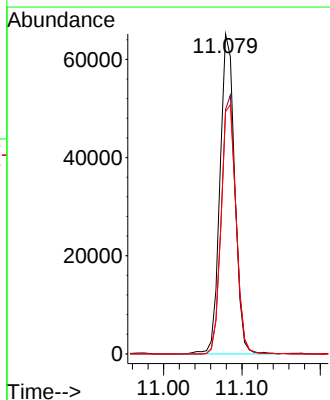
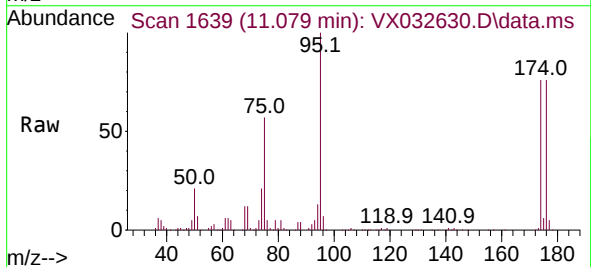
Manual Integrations
APPROVED

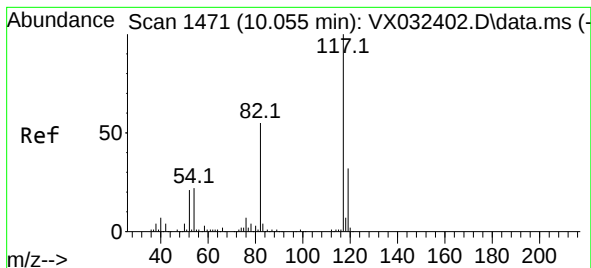
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#62
4-Bromofluorobenzene
Concen: 50.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

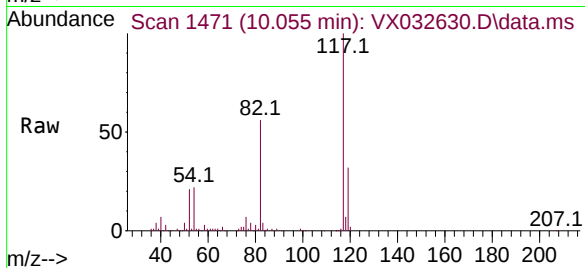
Tgt Ion: 95 Resp: 84781
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 78.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

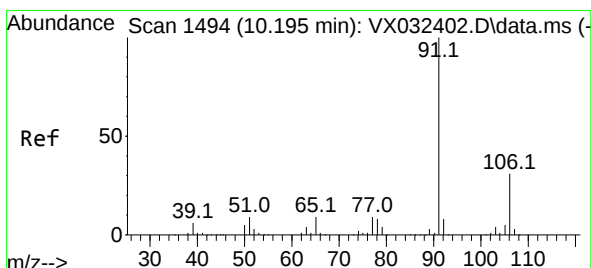
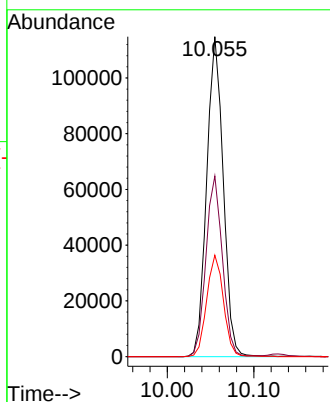
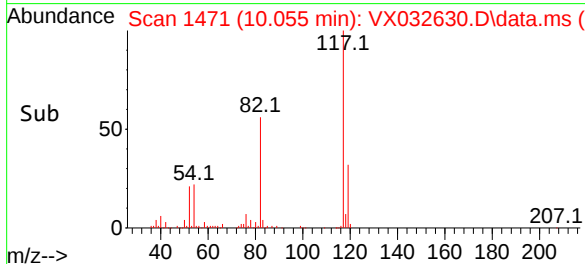
Instrument :
MSVOA_X
ClientSampleId :
DUP110322



Tgt Ion: 117 Resp: 152207
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 31.7 25.7 38.5

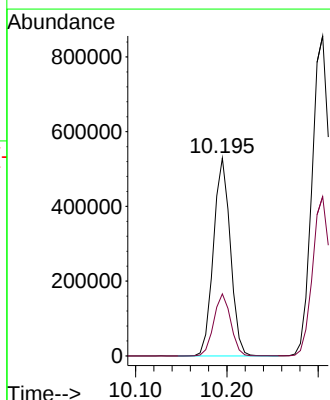
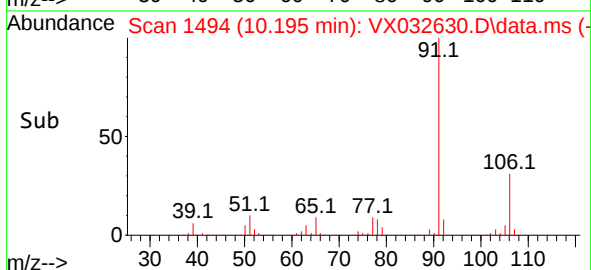
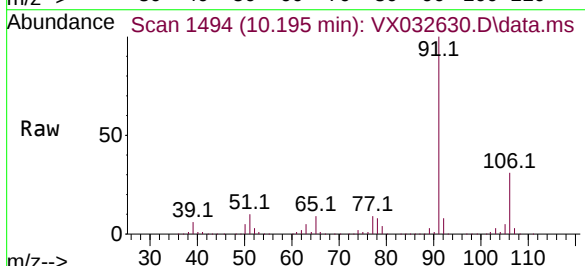
Manual Integrations
APPROVED

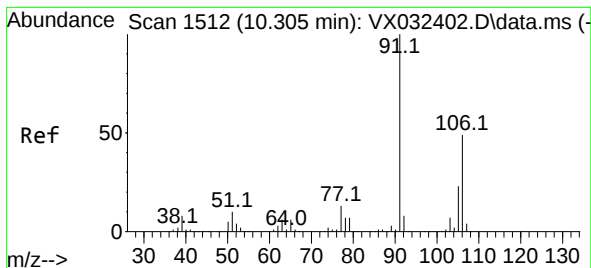
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#67
Ethyl Benzene
Concen: 111.324 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 91 Resp: 678744
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6





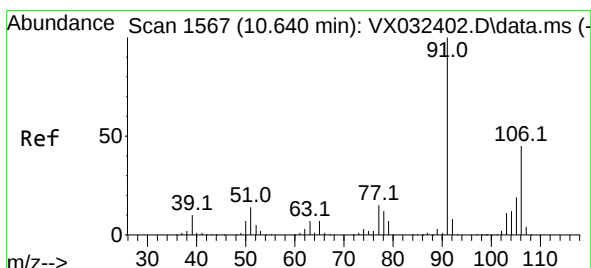
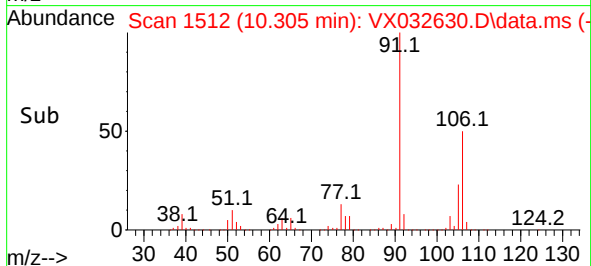
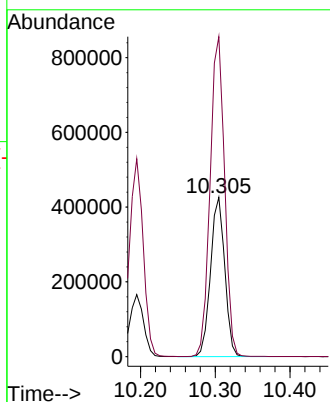
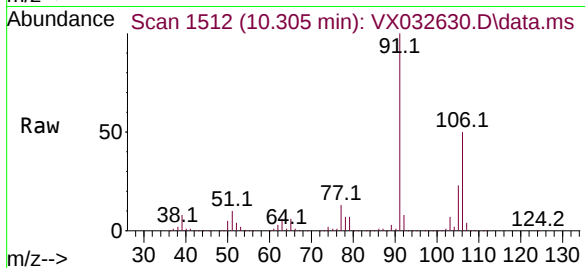
#68
m/p-Xylenes
Concen: 238.358 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP110322

Tgt Ion:106 Resp: 564315
Ion Ratio Lower Upper
106 100
91 204.9 164.5 246.7

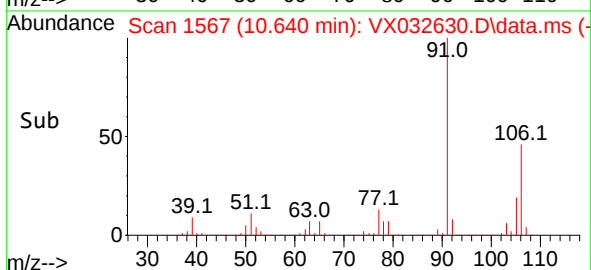
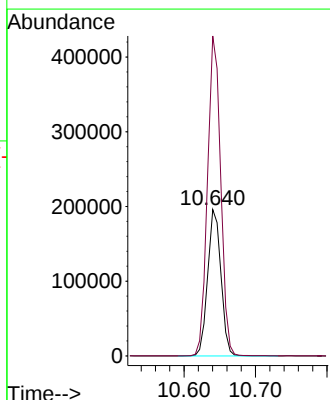
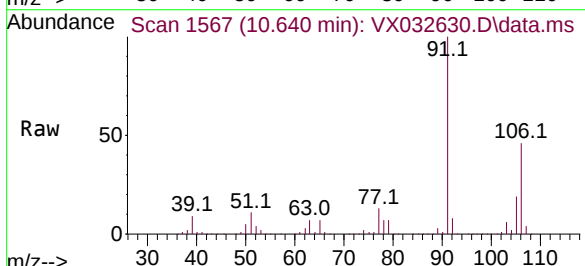
Manual Integrations
APPROVED

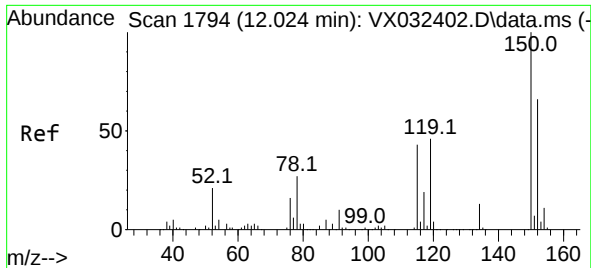
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#69
o-Xylene
Concen: 109.432 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

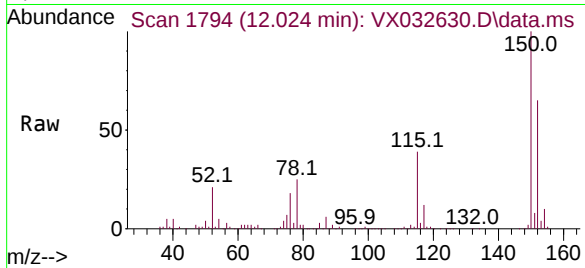
Tgt Ion:106 Resp: 251898
Ion Ratio Lower Upper
106 100
91 217.4 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

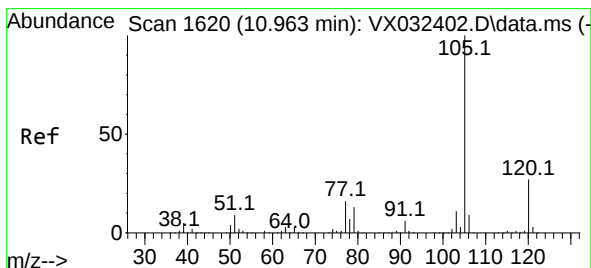
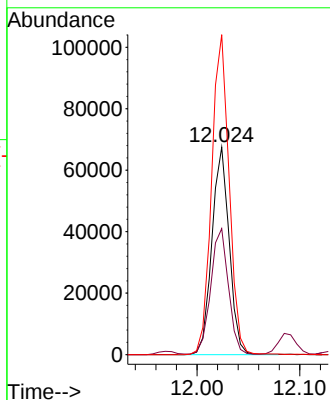
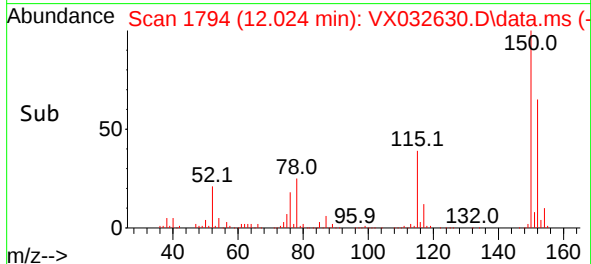
Instrument :
MSVOA_X
ClientSampleId :
DUP110322



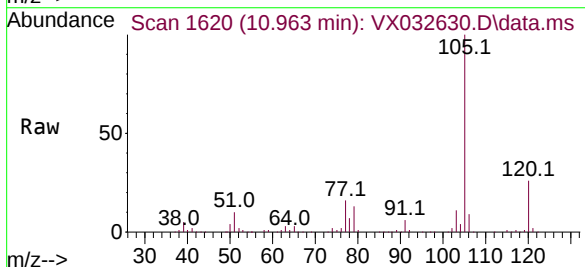
Tgt Ion:152 Resp: 78780
Ion Ratio Lower Upper
152 100
115 62.4 44.0 132.0
150 156.5 0.0 351.8

Manual Integrations
APPROVED

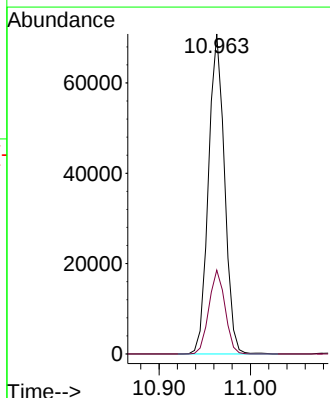
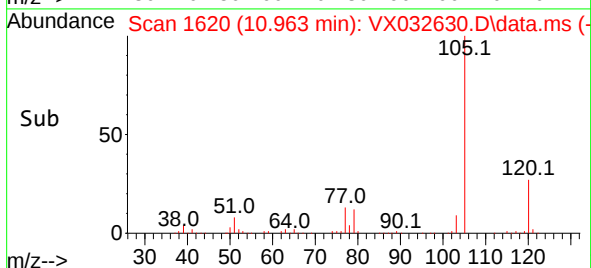
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

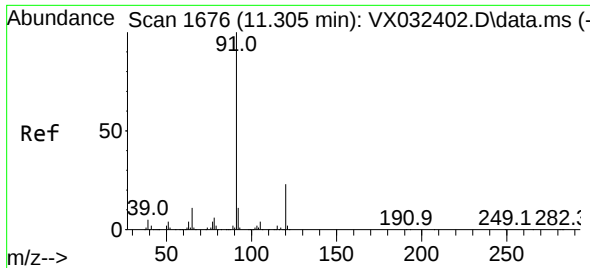


#73
Isopropylbenzene
Concen: 13.869 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24



Tgt Ion:105 Resp: 86577
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3





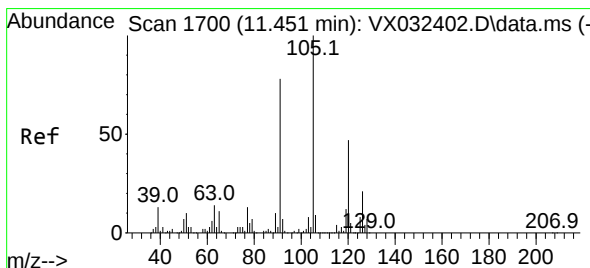
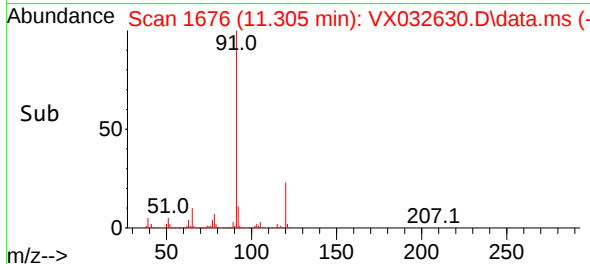
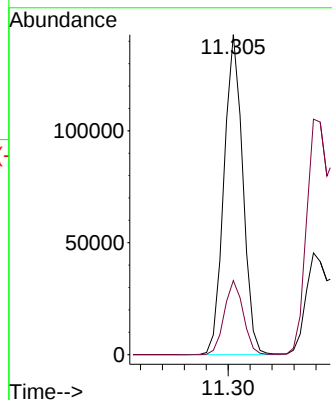
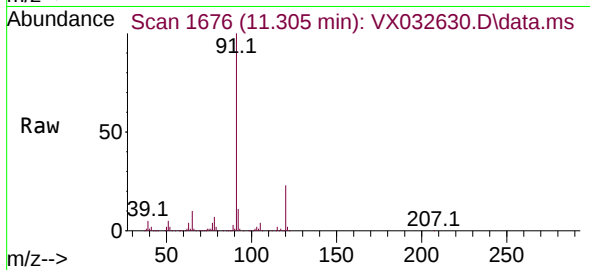
#78
n-propylbenzene
Concen: 23.700 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP110322

Tgt Ion: 91 Resp: 170452
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8

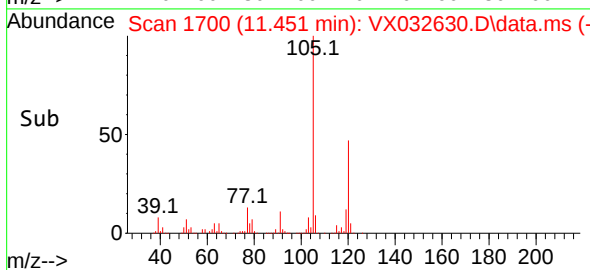
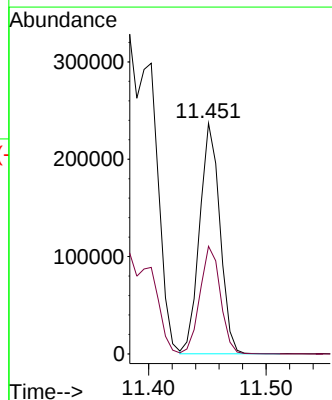
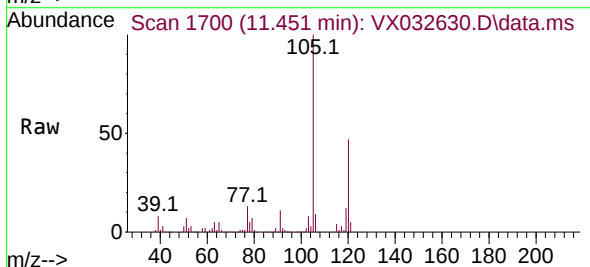
Manual Integrations
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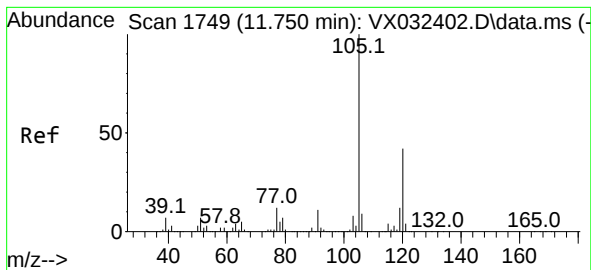
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.238 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Tgt Ion:105 Resp: 284042
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 169.634 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032630.D

Acq: 07 Nov 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP110322

Tgt Ion:105 Resp: 900173

Ion Ratio Lower Upper

105 100

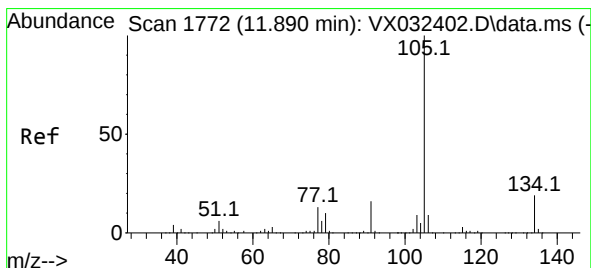
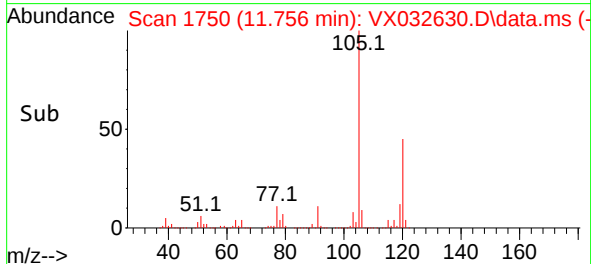
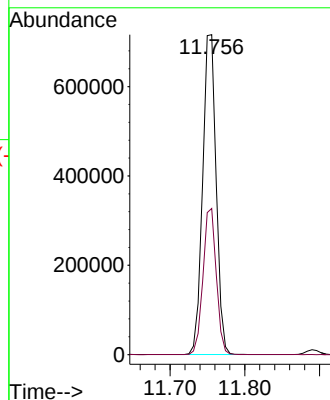
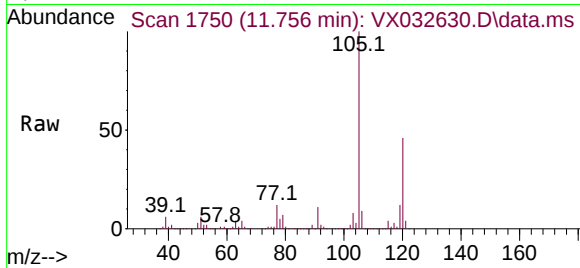
120 44.9 21.9 65.5

Manual Integrations

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Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#85

sec-Butylbenzene

Concen: 2.165 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032630.D

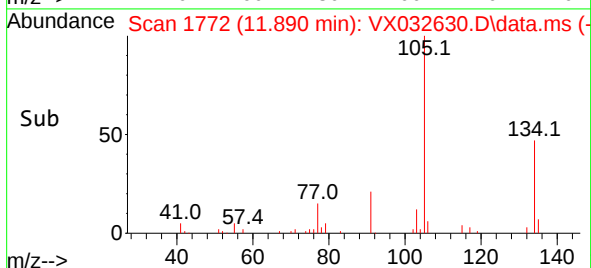
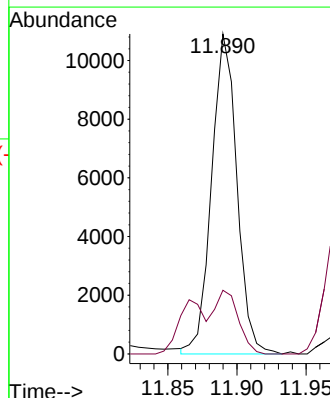
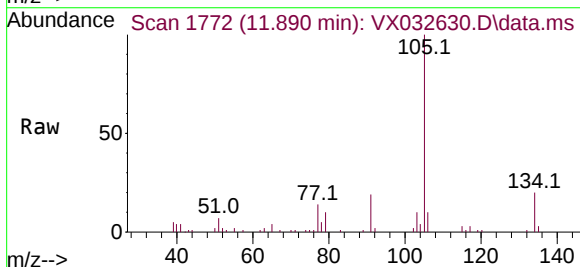
Acq: 07 Nov 2022 16:24

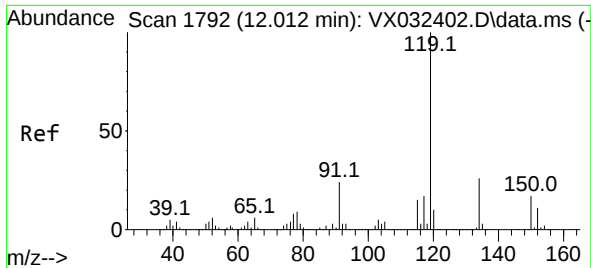
Tgt Ion:105 Resp: 13878

Ion Ratio Lower Upper

105 100

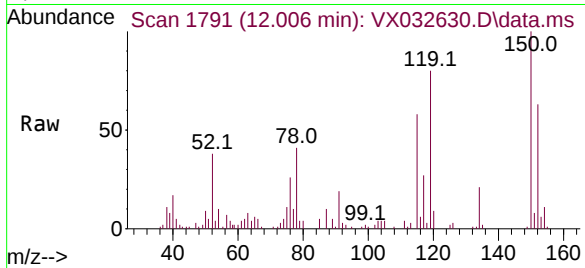
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 1.502 ug/l m
RT: 12.006 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

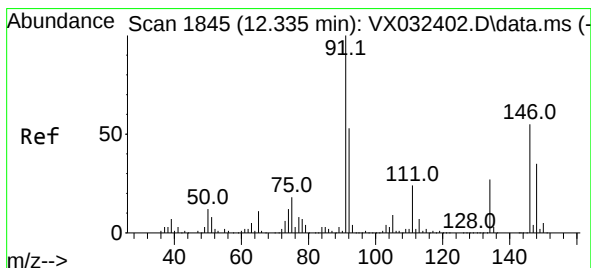
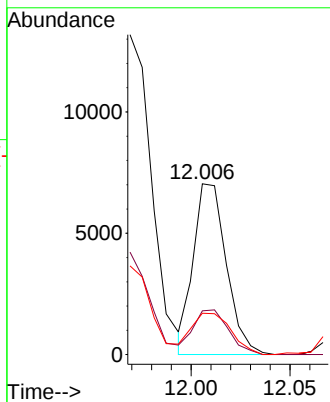
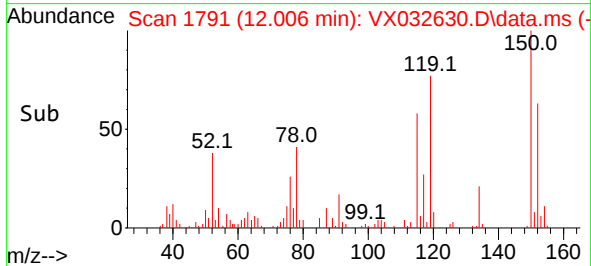
Instrument :
MSVOA_X
ClientSampleId :
DUP110322



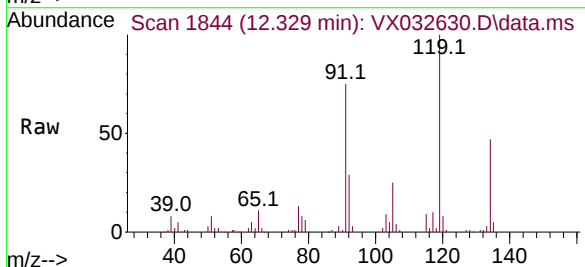
Tgt Ion: 119 Resp: 8162
Ion Ratio Lower Upper
119 100
134 59.0 12.9 38.7
91 56.5 12.5 37.5

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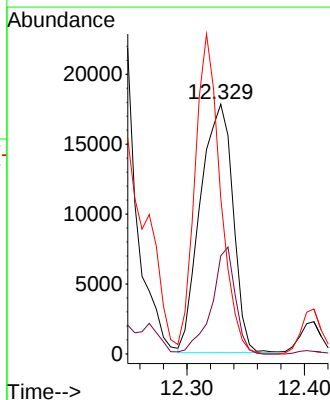
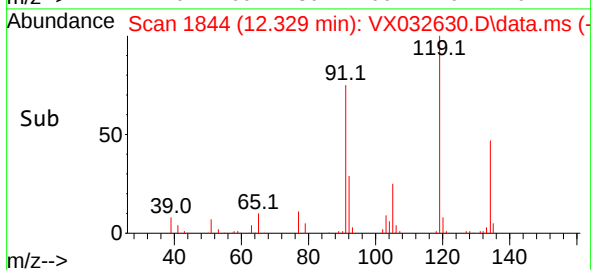
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

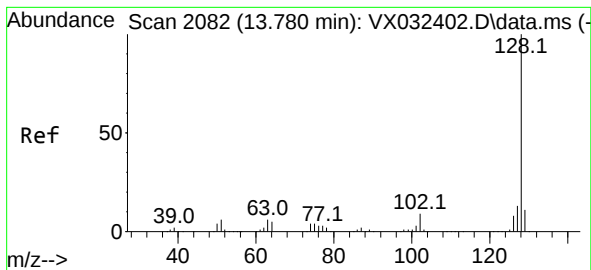


#89
n-Butylbenzene
Concen: 7.234 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24



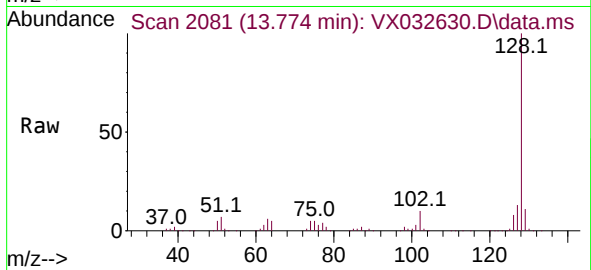
Tgt Ion: 91 Resp: 34225
Ion Ratio Lower Upper
91 100
92 31.2 26.2 78.6
134 100.6 12.9 38.6





#95
Naphthalene
Concen: 44.154 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032630.D
Acq: 07 Nov 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP110322



Tgt Ion:128 Resp: 273072
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.3 8.9 13.3

Manual Integrations
APPROVED

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

