

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032687.D
 Acq On : 09 Nov 2022 18:11
 Operator : JC/MD
 Sample : N5551-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12I

Quant Time: Nov 10 03:06:18 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 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79235	49.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.100%		
35) Dibromofluoromethane	5.385	113	62377	46.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.240%		
50) Toluene-d8	8.647	98	234645	49.895	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.800%		
62) 4-Bromofluorobenzene	11.079	95	103871	56.544	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.080%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	23015	39.600	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	12204	3.009	ug/l #	1
25) 2-Butanone	4.568	43	13340	14.815	ug/l	98
31) Cyclohexane	5.471	56	85177	43.932	ug/l	95
39) Methylcyclohexane	7.379	83	43259	19.414	ug/l	94
40) Benzene	6.038	78	704603	132.207	ug/l	100
52) Toluene	8.720	92	300363	86.382	ug/l	100
67) Ethyl Benzene	10.195	91	5421070	784.948	ug/l	94
68) m/p-Xylenes	10.305	106	2256895	841.572	ug/l	94
69) o-Xylene	10.646	106	546028	209.414	ug/l	100
73) Isopropylbenzene	10.963	105	185756	24.312	ug/l	100
78) n-propylbenzene	11.305	91	532749	60.519	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	317331	48.595	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1545555	237.964	ug/l	98
85) sec-Butylbenzene	11.890	105	20226m	2.578	ug/l	
86) p-Isopropyltoluene	12.012	119	4051m	0.609	ug/l	
89) n-Butylbenzene	12.329	91	36000	6.217	ug/l #	38
95) Naphthalene	13.774	128	774373	102.300	ug/l	99

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

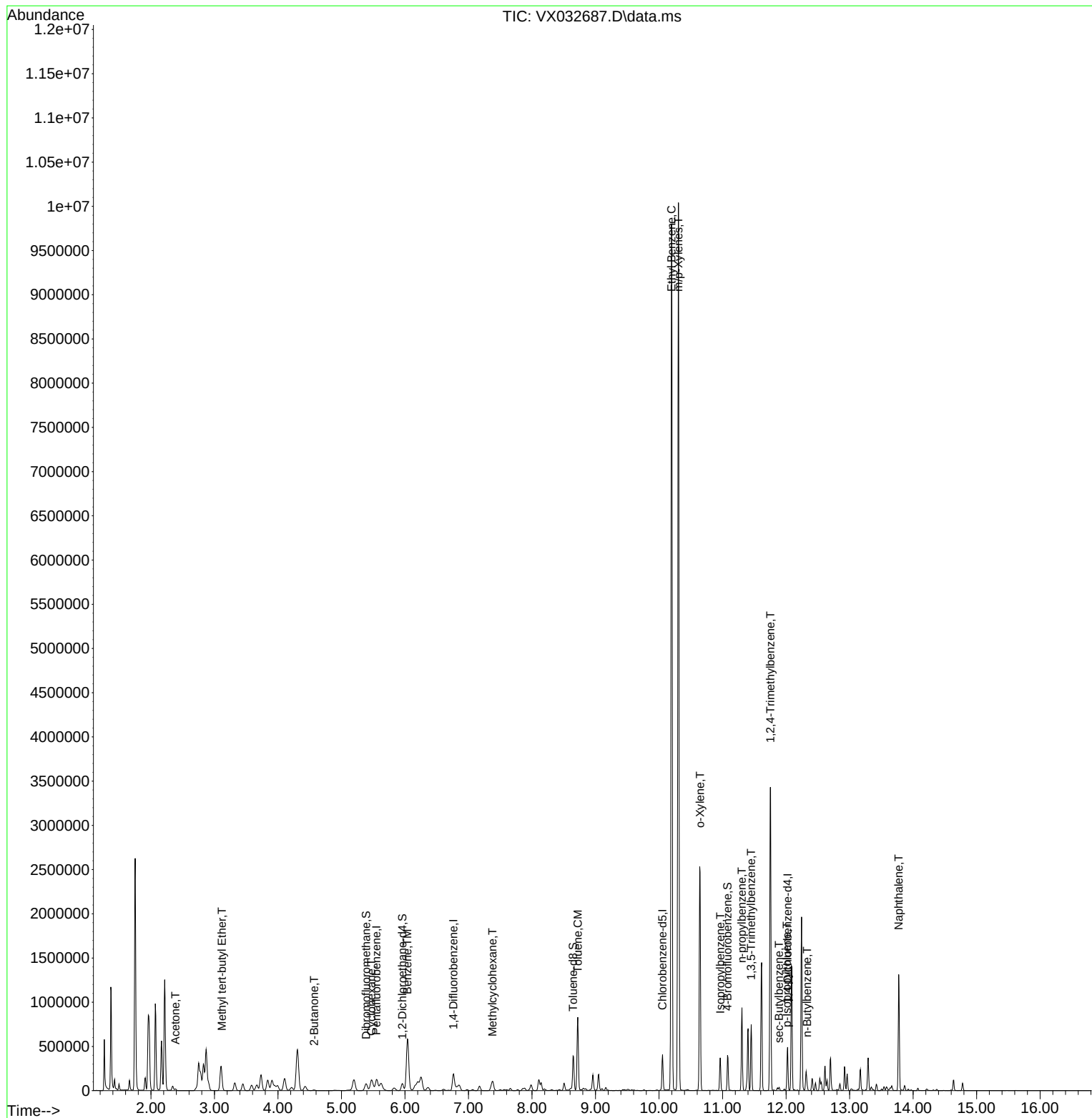
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
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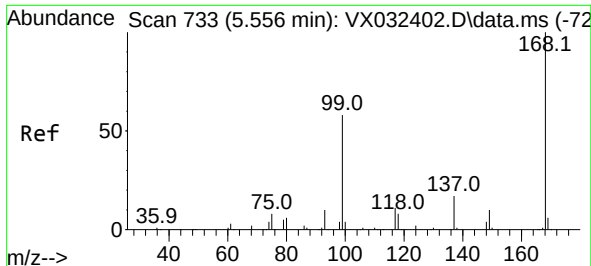
Instrument :
MSVOA_X
ClientSampleId :
MW-12I

Quant Time: Nov 10 03:06:18 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

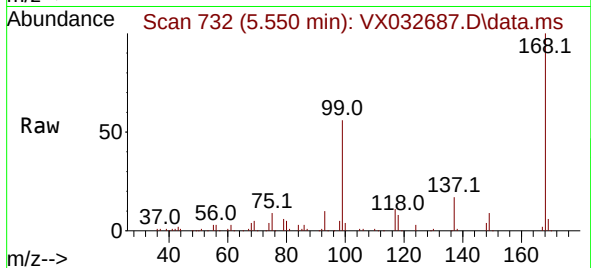
Reviewed By : John Carlone 11/10/2022
Supervised By : Mahesh Dadoda 11/10/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

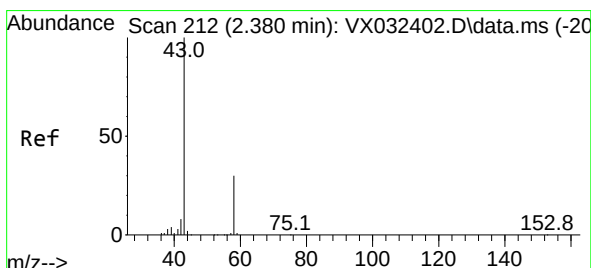
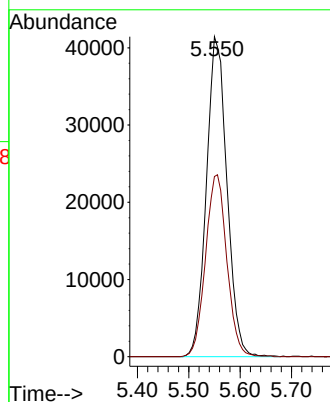
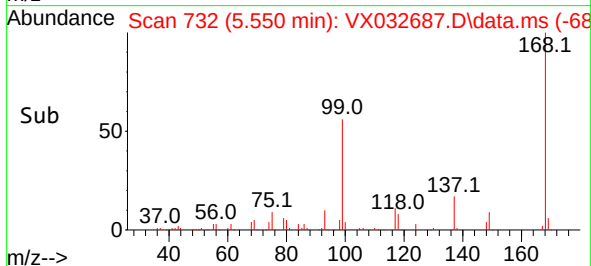
Instrument :
MSVOA_X
ClientSampleId :
MW-121



Tgt Ion:168 Resp: 11508
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1

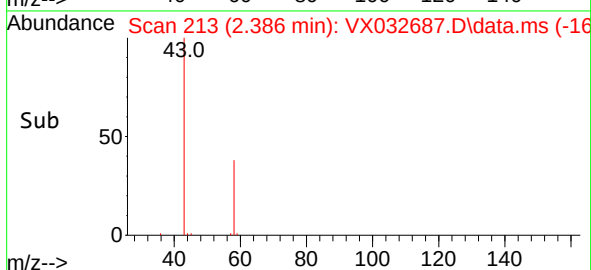
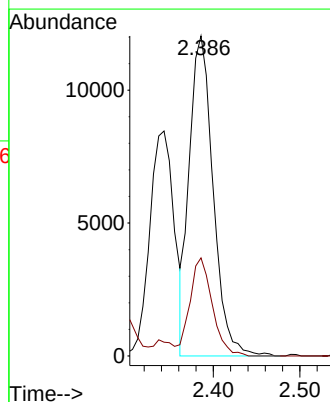
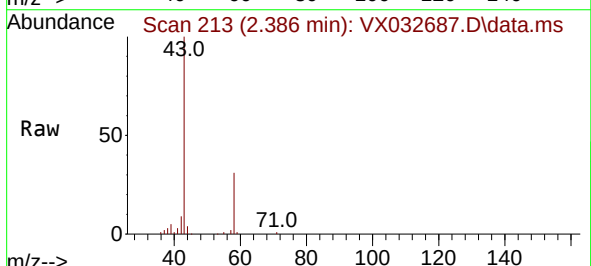
Manual Integrations
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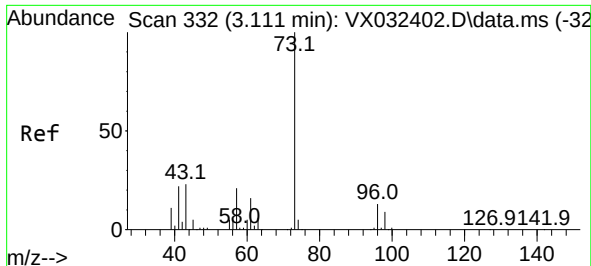
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#16
Acetone
Concen: 39.600 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Tgt Ion: 43 Resp: 23015
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.8





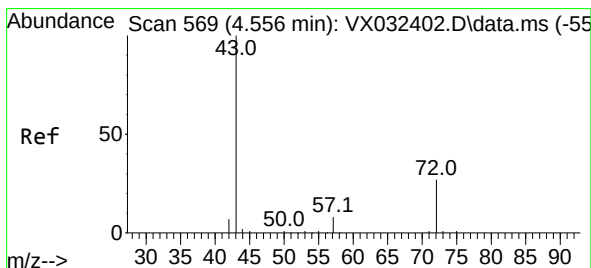
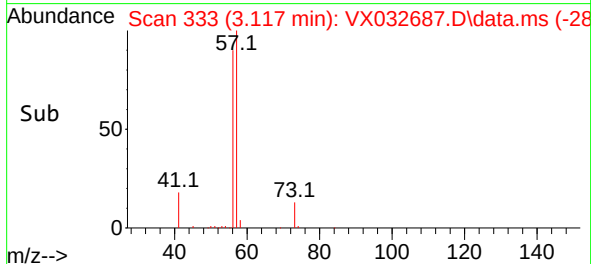
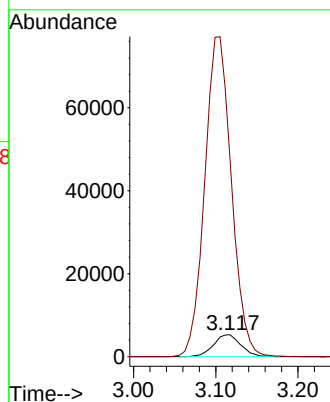
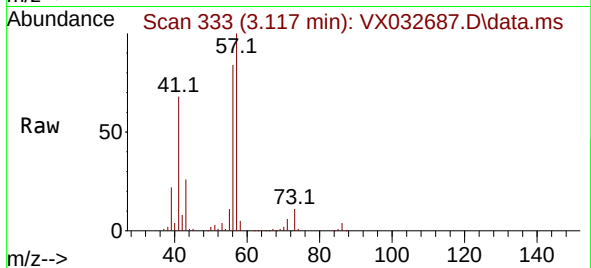
#19
Methyl tert-butyl Ether
Concen: 3.009 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-121

Tgt Ion: 73 Resp: 12204
Ion Ratio Lower Upper
73 100
57 894.0 16.6 25.0

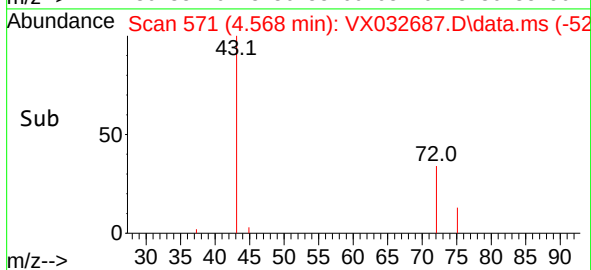
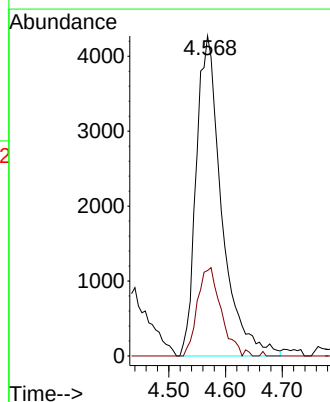
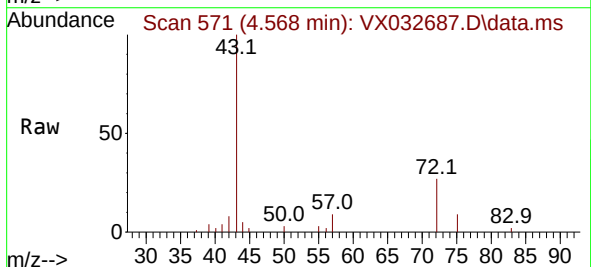
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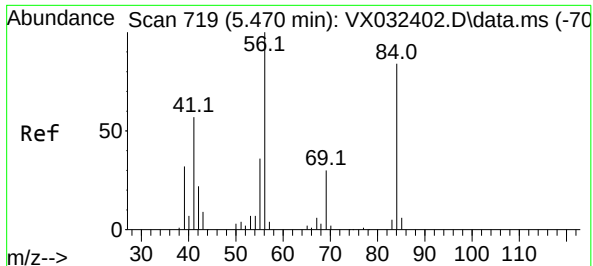
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#25
2-Butanone
Concen: 14.815 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

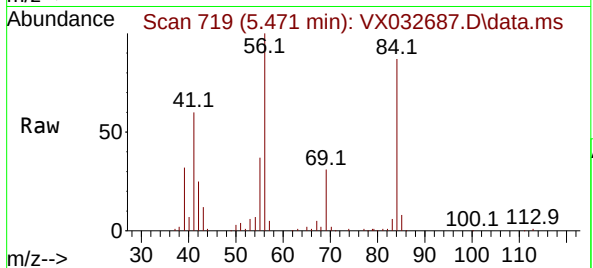
Tgt Ion: 43 Resp: 13340
Ion Ratio Lower Upper
43 100
72 26.7 22.2 33.2





#31
Cyclohexane
Concen: 43.932 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

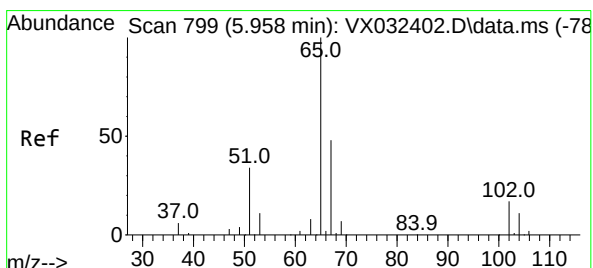
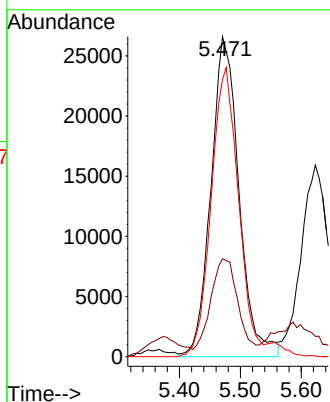
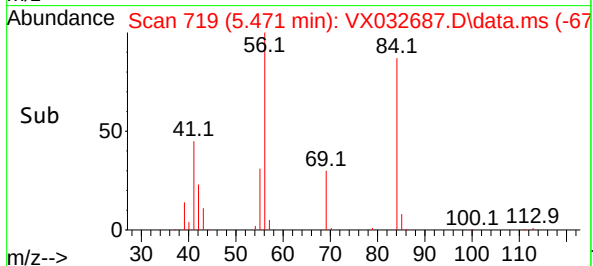
Instrument :
MSVOA_X
ClientSampleId :
MW-121



Tgt Ion: 56 Resp: 8517
Ion Ratio Lower Upper
56 100
69 27.1 24.1 36.1
84 87.3 66.9 100.3

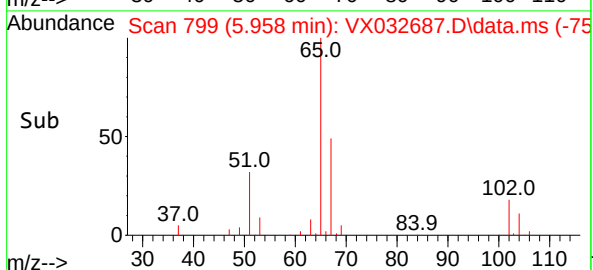
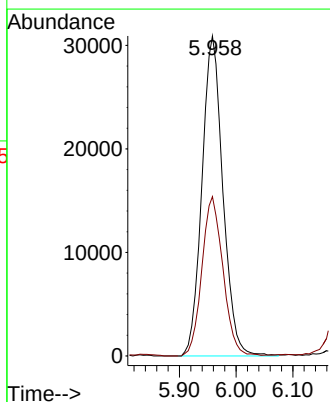
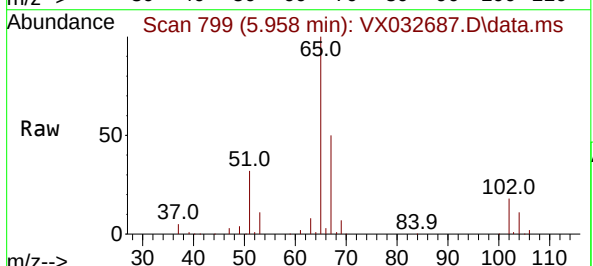
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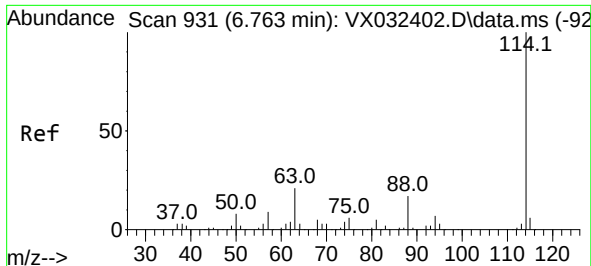
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#33
1,2-Dichloroethane-d4
Concen: 49.550 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Tgt Ion: 65 Resp: 79235
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8





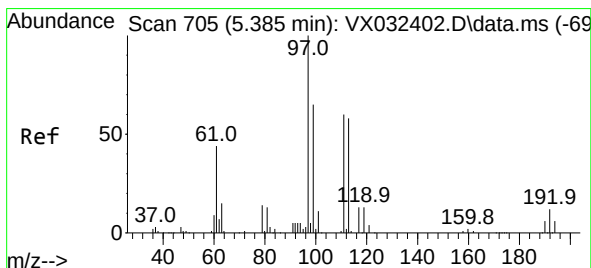
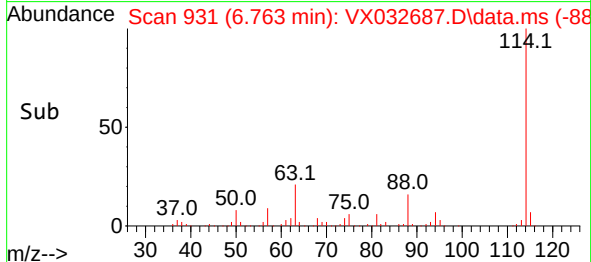
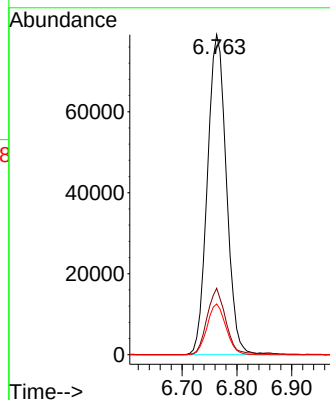
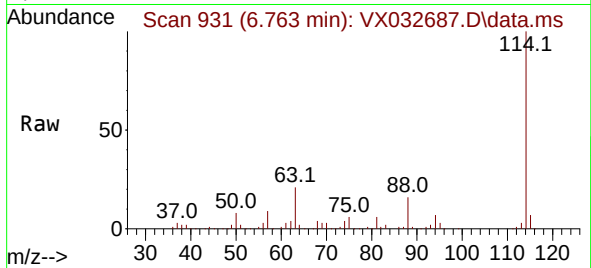
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-121

Tgt Ion:114 Resp: 18960
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.8 0.0 33.4

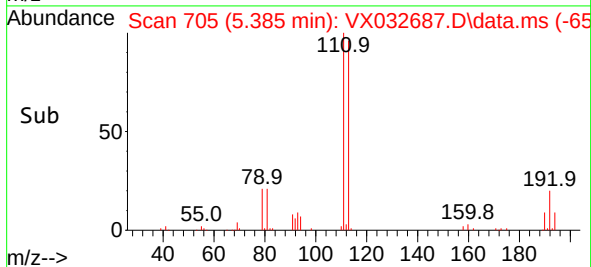
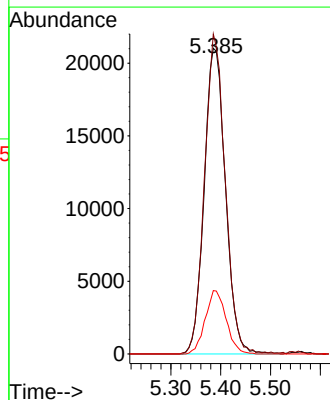
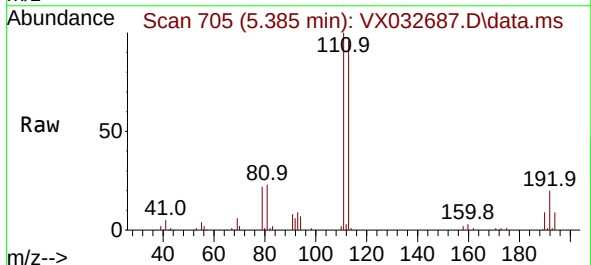
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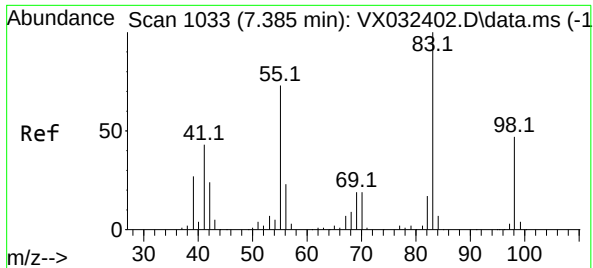
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#35
Dibromofluoromethane
Concen: 46.122 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Tgt Ion:113 Resp: 62377
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 20.4 15.4 23.2





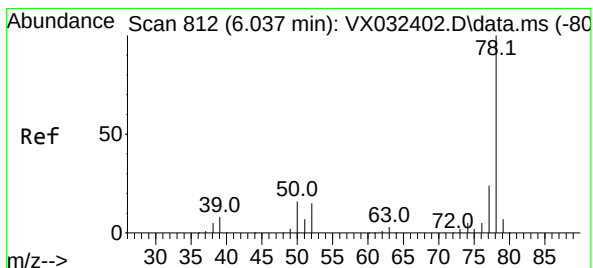
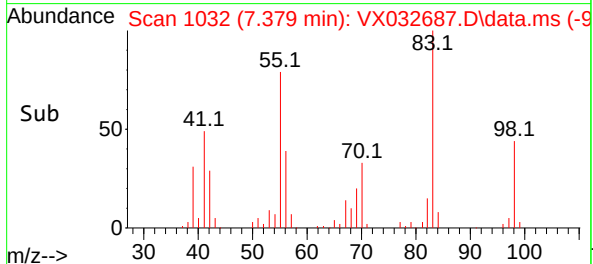
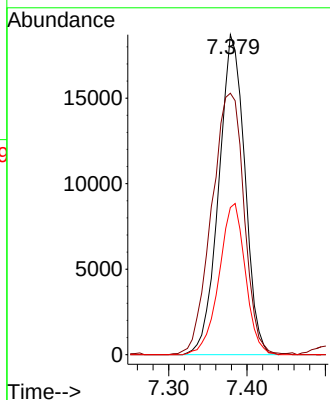
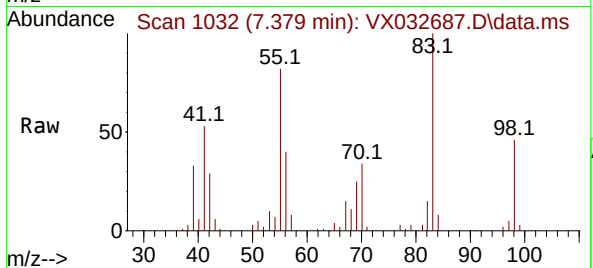
#39
Methylcyclohexane
Concen: 19.414 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-121

Tgt Ion: 83 Resp: 43258
Ion Ratio Lower Upper
83 100
55 81.4 58.4 87.6
98 46.0 37.2 55.8

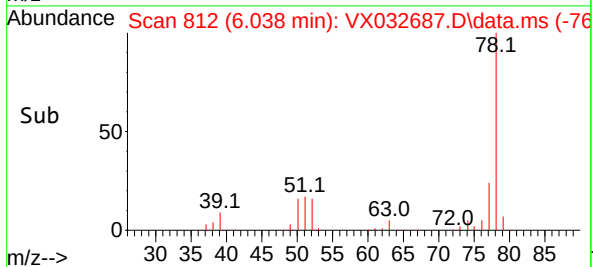
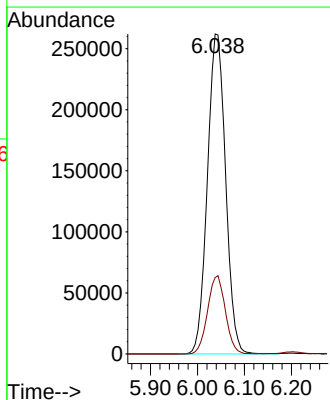
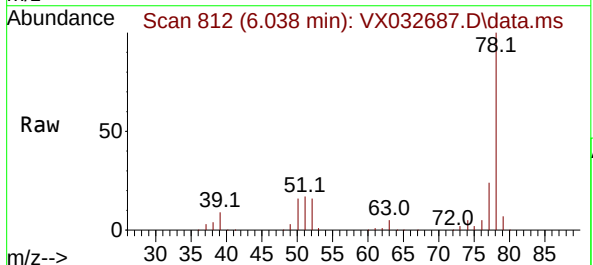
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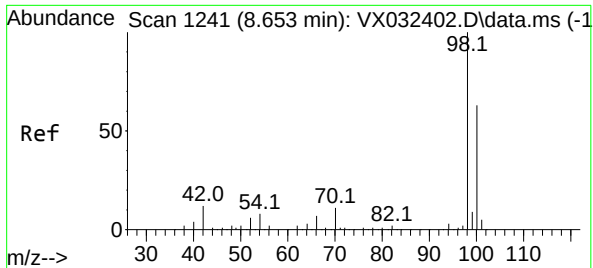
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#40
Benzene
Concen: 132.207 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Tgt Ion: 78 Resp: 704603
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





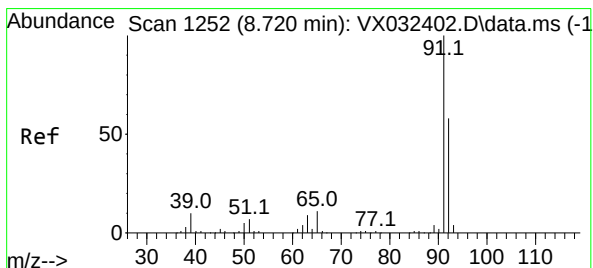
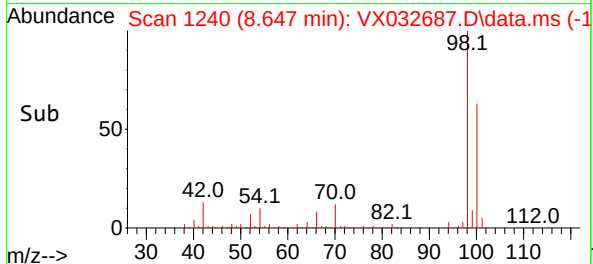
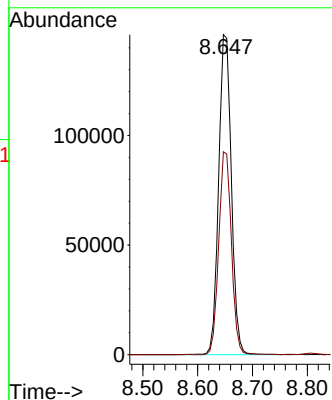
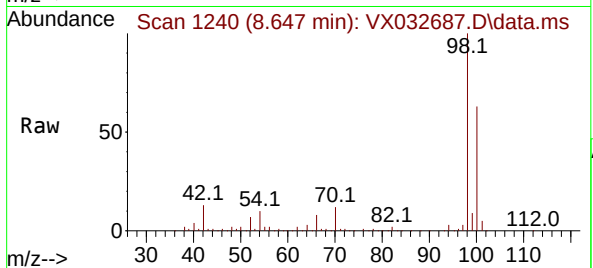
#50
Toluene-d8
Concen: 49.895 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-121

Tgt Ion: 98 Resp: 23464
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

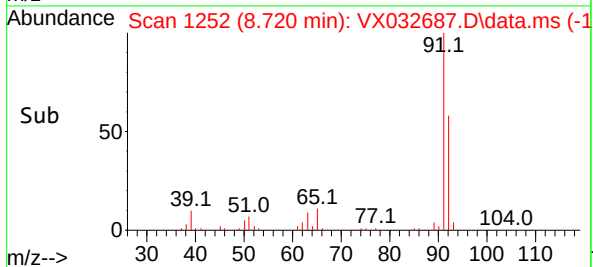
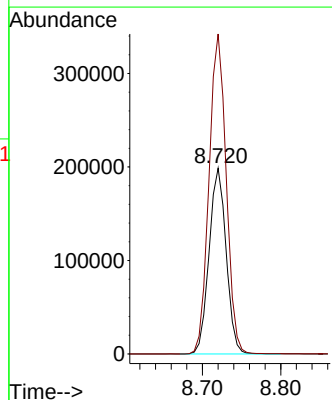
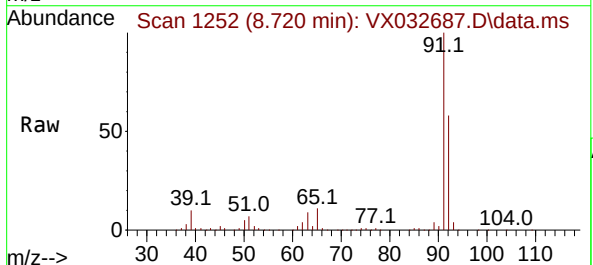
Manual Integrations
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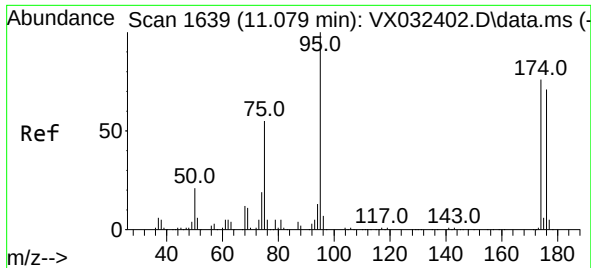
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#52
Toluene
Concen: 86.382 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

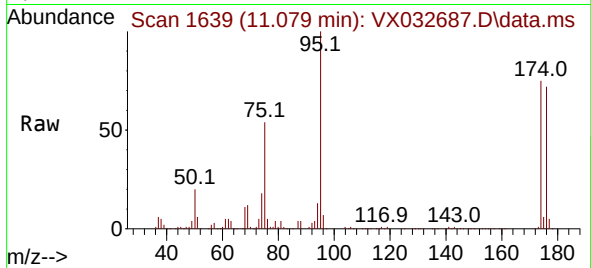
Tgt Ion: 92 Resp: 300363
Ion Ratio Lower Upper
92 100
91 173.6 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 56.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

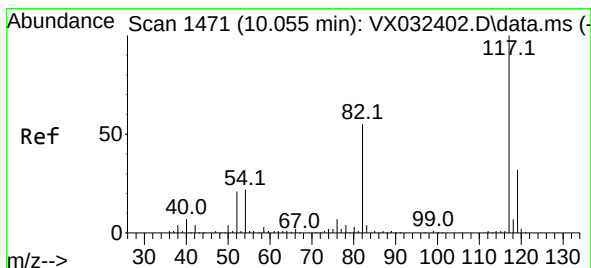
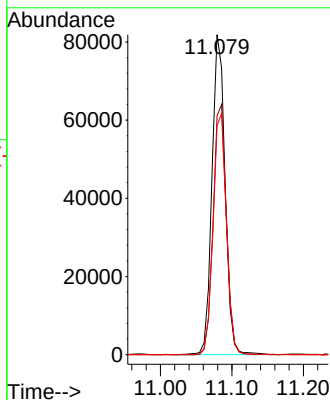
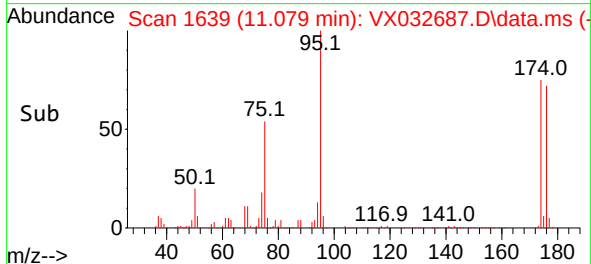
Instrument :
MSVOA_X
ClientSampleId :
MW-12I



Tgt Ion: 95 Resp: 10387
Ion Ratio Lower Upper
95 100
174 79.1 0.0 164.0
176 76.7 0.0 154.4

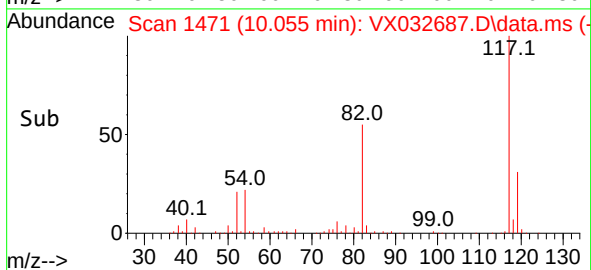
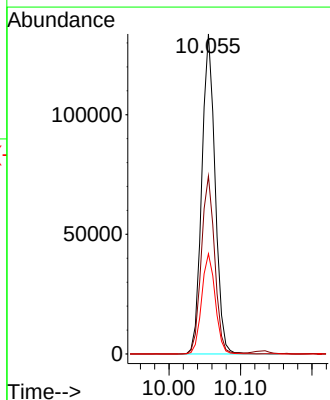
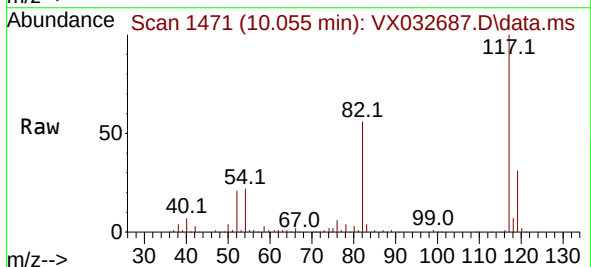
Manual Integrations
APPROVED

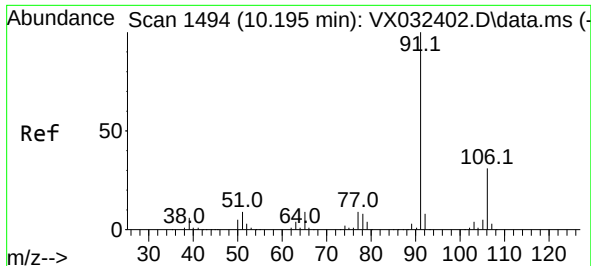
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

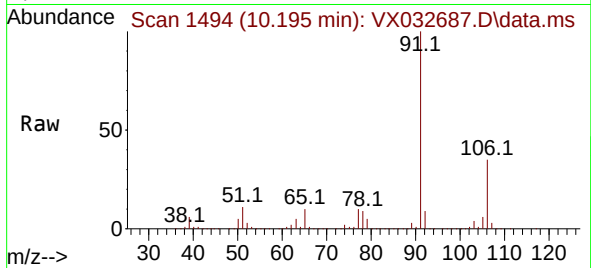
Tgt Ion:117 Resp: 172410
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.3 25.7 38.5





#67
Ethyl Benzene
Concen: 784.948 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

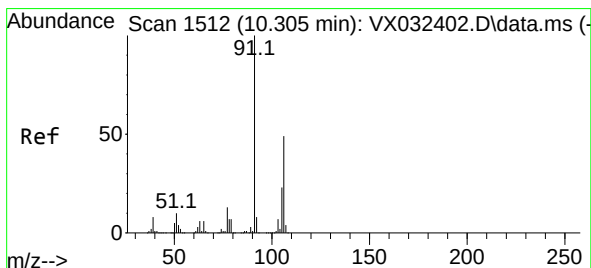
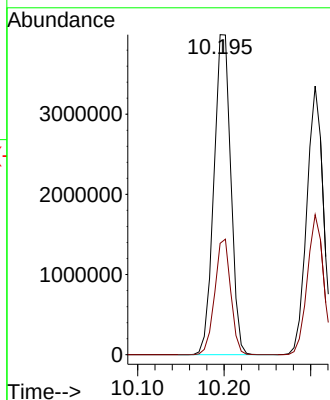
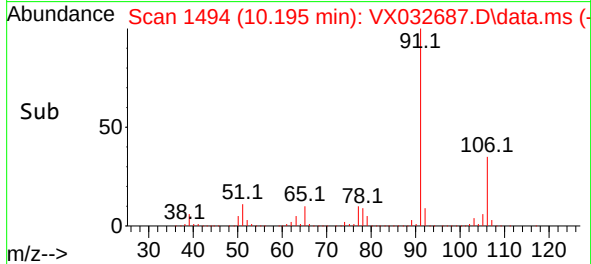
Instrument :
MSVOA_X
ClientSampleId :
MW-121



Tgt Ion: 91 Resp: 5421070
Ion Ratio Lower Upper
91 100
106 34.8 25.0 37.6

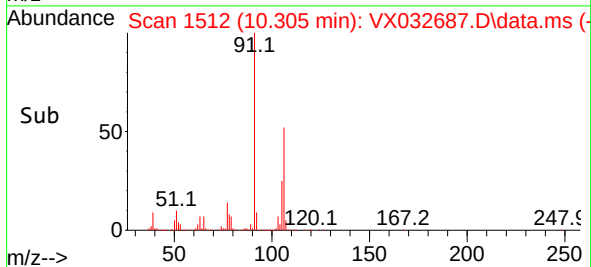
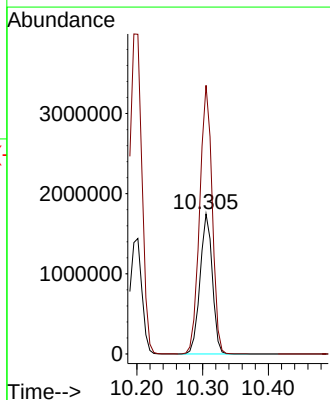
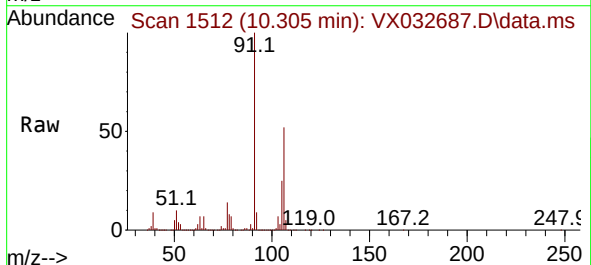
Manual Integrations
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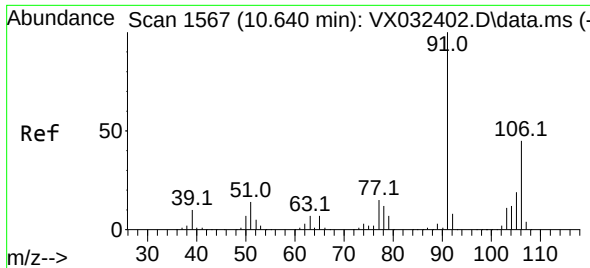
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#68
m/p-Xylenes
Concen: 841.572 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Tgt Ion:106 Resp: 2256895
Ion Ratio Lower Upper
106 100
91 195.7 164.5 246.7





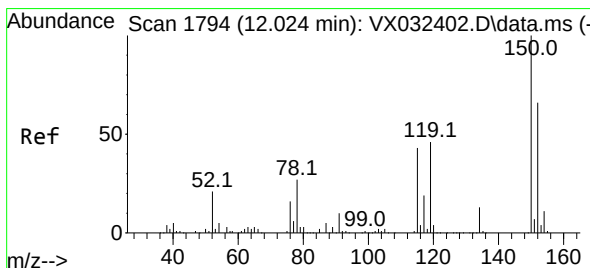
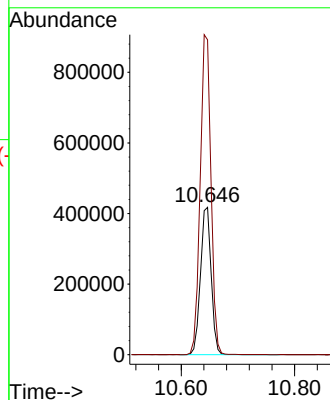
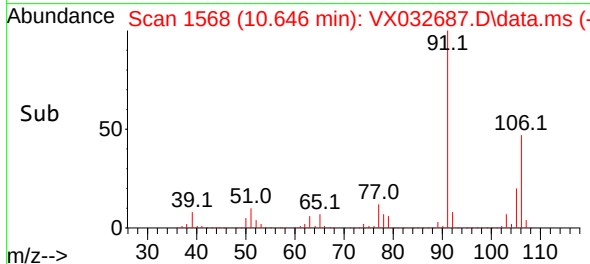
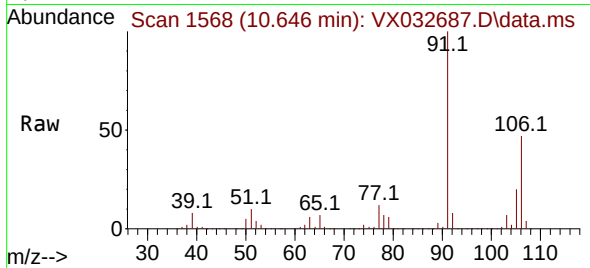
#69
o-Xylene
Concen: 209.414 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-121

Tgt Ion:106 Resp: 546028
Ion Ratio Lower Upper
106 100
91 218.3 109.2 327.6

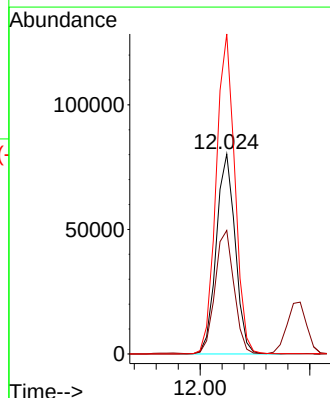
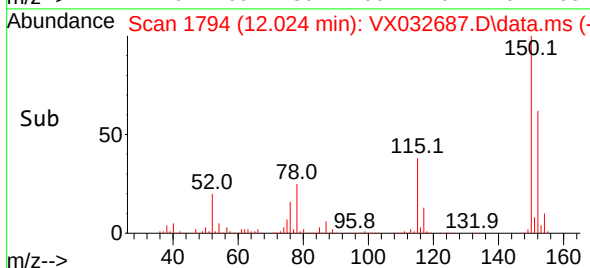
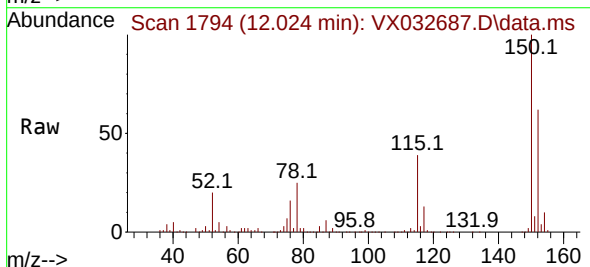
Manual Integrations
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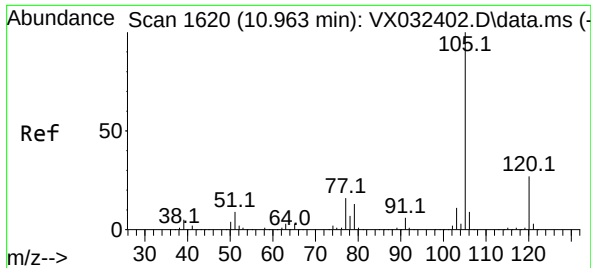
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

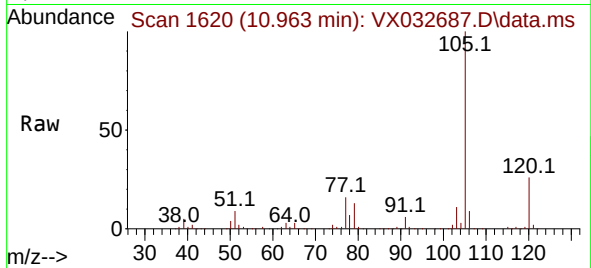
Tgt Ion:152 Resp: 96422
Ion Ratio Lower Upper
152 100
115 61.6 44.0 132.0
150 157.9 0.0 351.8





#73
Isopropylbenzene
Concen: 24.312 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11

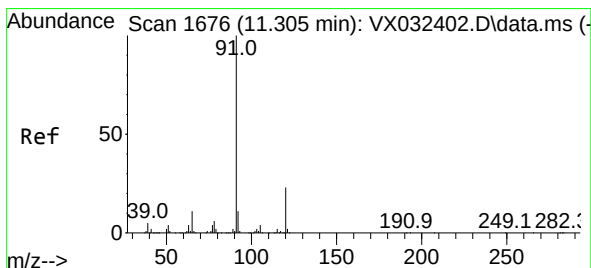
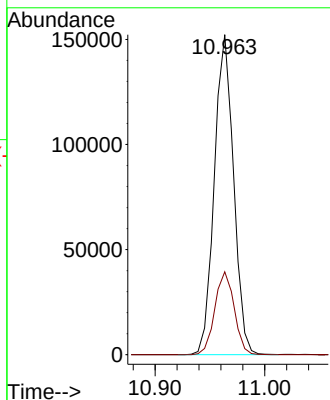
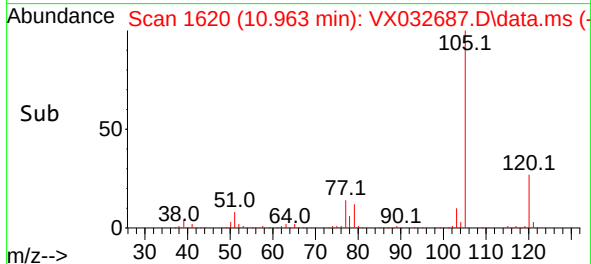
Instrument :
MSVOA_X
ClientSampleId :
MW-121



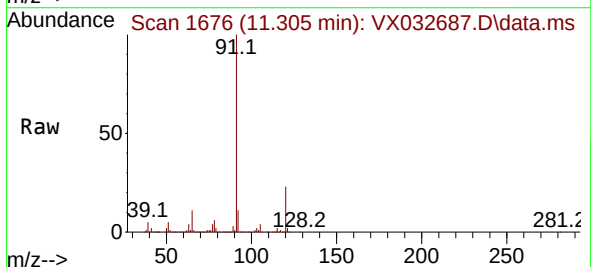
Tgt Ion:105 Resp: 185750
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

Manual Integrations
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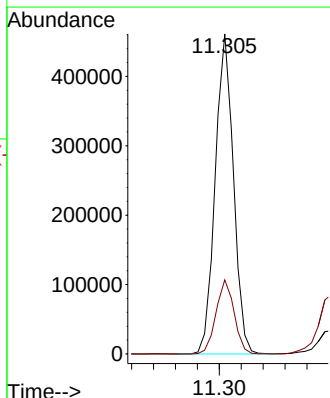
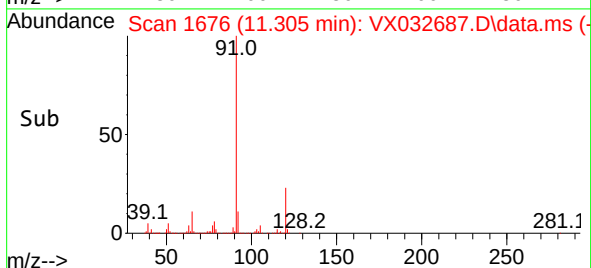
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

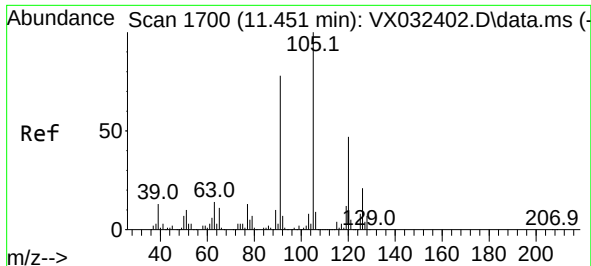


#78
n-propylbenzene
Concen: 60.519 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032687.D
Acq: 09 Nov 2022 18:11



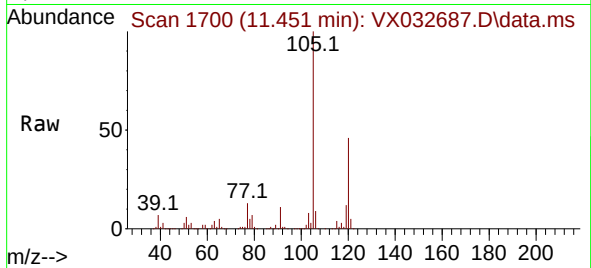
Tgt Ion: 91 Resp: 532749
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#80
 1,3,5-Trimethylbenzene
 Concen: 48.595 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032687.D
 Acq: 09 Nov 2022 18:11

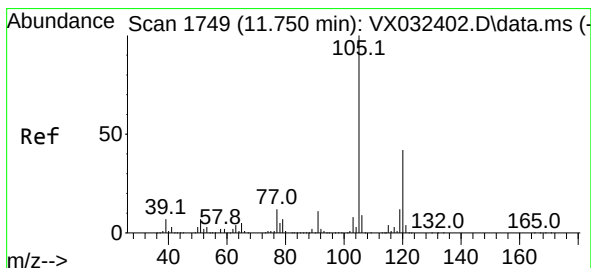
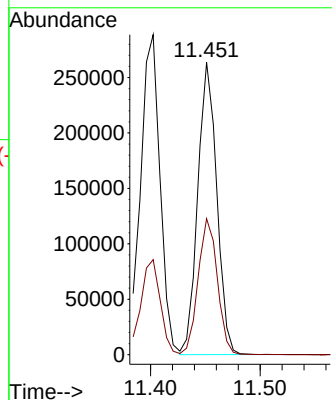
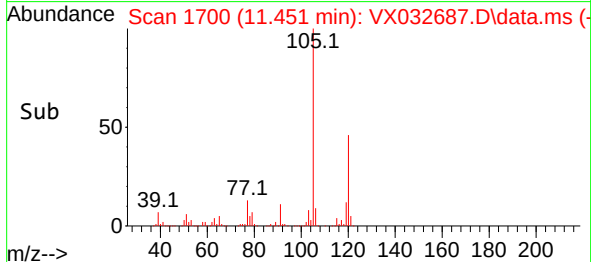
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-121



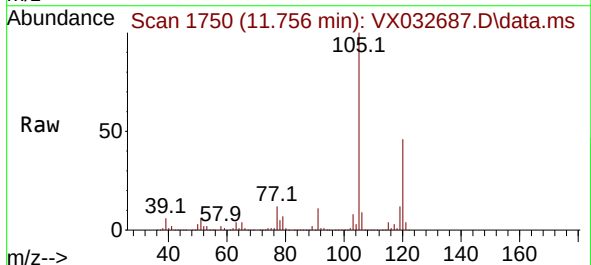
Tgt Ion:105 Resp: 31733
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 71.0

Manual Integrations
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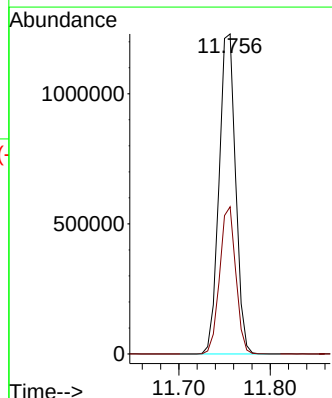
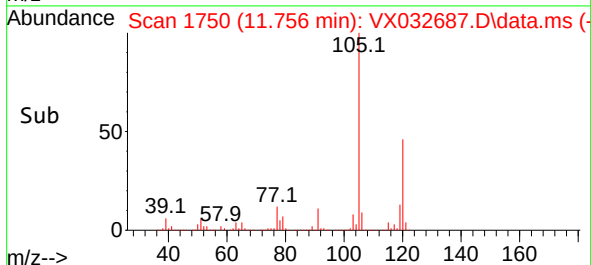
Reviewed By :John Carlone 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

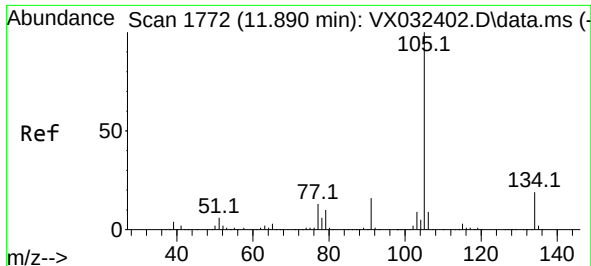


#84
 1,2,4-Trimethylbenzene
 Concen: 237.964 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032687.D
 Acq: 09 Nov 2022 18:11



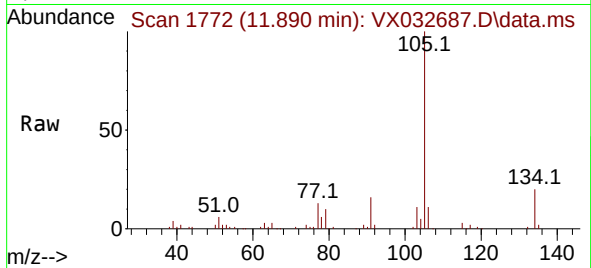
Tgt Ion:105 Resp: 1545555
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 2.578 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032687.D
 Acq: 09 Nov 2022 18:11

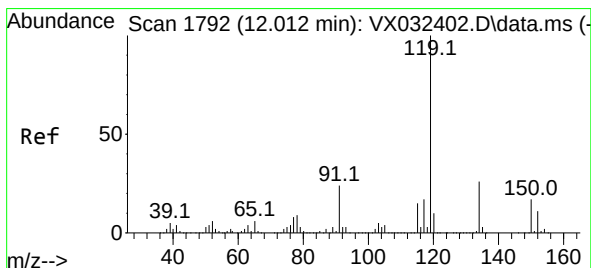
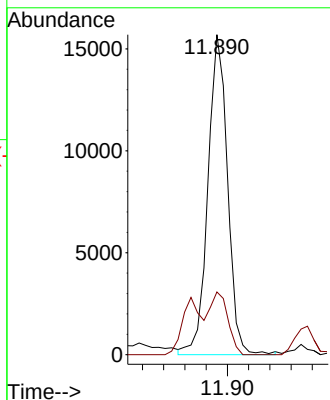
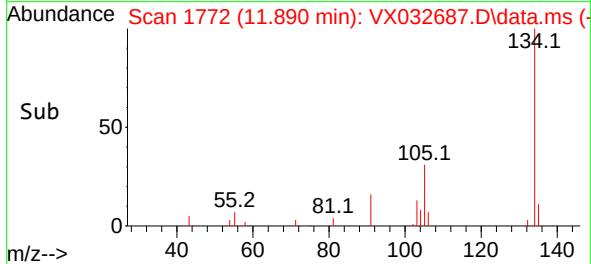
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12I



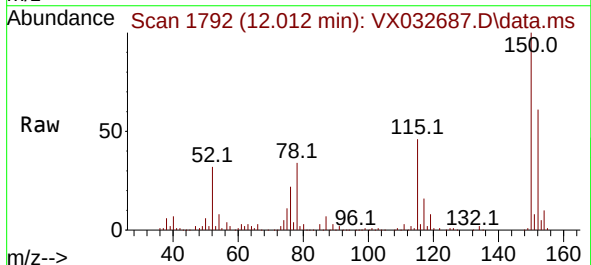
Tgt Ion:105 Resp: 20220
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#

Manual Integrations
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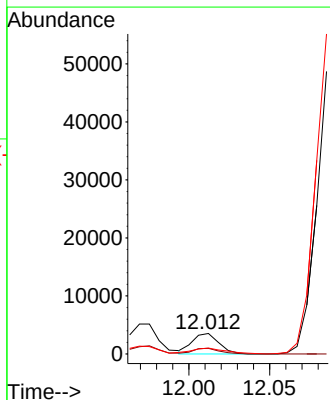
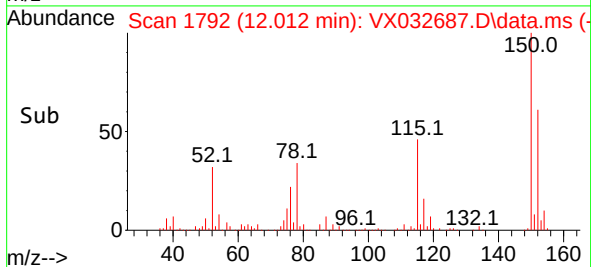
Reviewed By :John Carlone 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

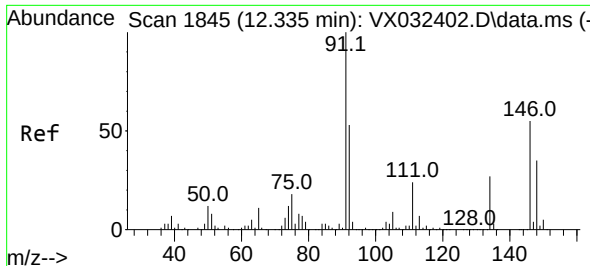


#86
 p-Isopropyltoluene
 Concen: 0.609 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032687.D
 Acq: 09 Nov 2022 18:11



Tgt Ion:119 Resp: 4051
 Ion Ratio Lower Upper
 119 100
 134 43.0 12.9 38.7#
 91 0.0 12.5 37.5#





#89

n-Butylbenzene

Concen: 6.217 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032687.D

Acq: 09 Nov 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12I

Tgt Ion: 91 Resp: 36000

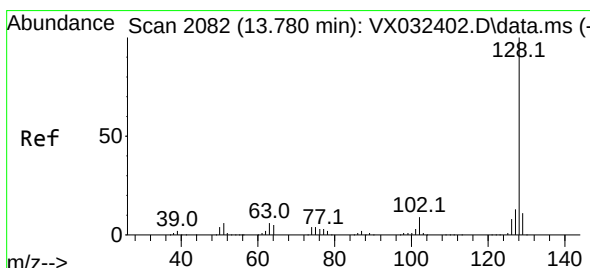
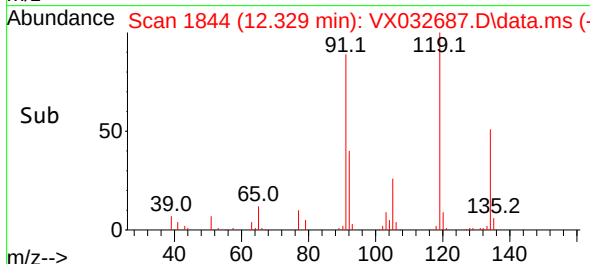
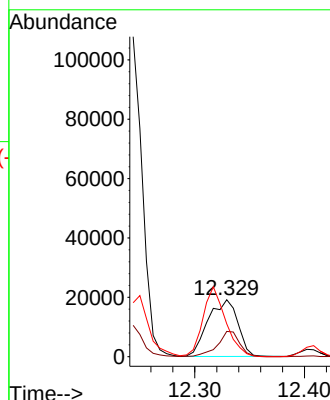
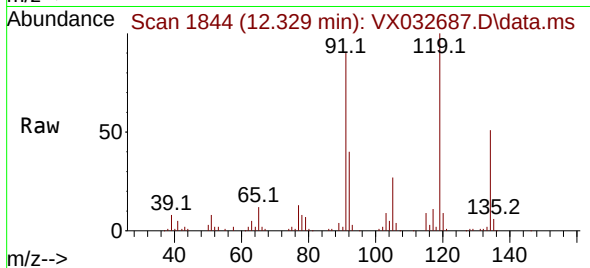
Ion	Ratio	Lower	Upper
91	100		
92	33.4	26.2	78.6
134	94.1	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2022

Supervised By :Mahesh Dadoda 11/10/2022



#95

Naphthalene

Concen: 102.300 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032687.D

Acq: 09 Nov 2022 18:11

Tgt Ion:128 Resp: 774373

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.1	8.9	13.3

