

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028103.D
 Acq On : 14 Apr 2022 13:41
 Operator : JC/MD
 Sample : N2403-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29R

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 03:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	387155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143764	47.633	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.260%		
35) Dibromofluoromethane	5.391	113	124585	49.109	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.220%		
50) Toluene-d8	8.653	98	487483	51.522	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.040%		
62) 4-Bromofluorobenzene	11.079	95	171287	48.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.980%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	197669	282.149	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	690954	83.785	ug/l #	89
22) Diisopropyl ether	3.763	45	26473	3.174	ug/l	90
31) Cyclohexane	5.470	56	9529	2.296	ug/l #	94
39) Methylcyclohexane	7.379	83	10139m	2.215	ug/l	
40) Benzene	6.044	78	75501	6.706	ug/l	96
42) 1,2-Dichloroethane	6.098	62	12010	2.825	ug/l	95
67) Ethyl Benzene	10.195	91	29378	2.008	ug/l	97
68) m/p-Xylenes	10.305	106	3444	0.564	ug/l	90
69) o-Xylene	10.646	106	2658	0.448	ug/l	94
73) Isopropylbenzene	10.963	105	17848	1.383	ug/l	98
78) n-propylbenzene	11.305	91	30570	2.038	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4947	0.444	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	8667	0.794	ug/l	93
85) sec-Butylbenzene	11.890	105	20418	1.483	ug/l #	77
95) Naphthalene	13.780	128	16215	1.352	ug/l #	85

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

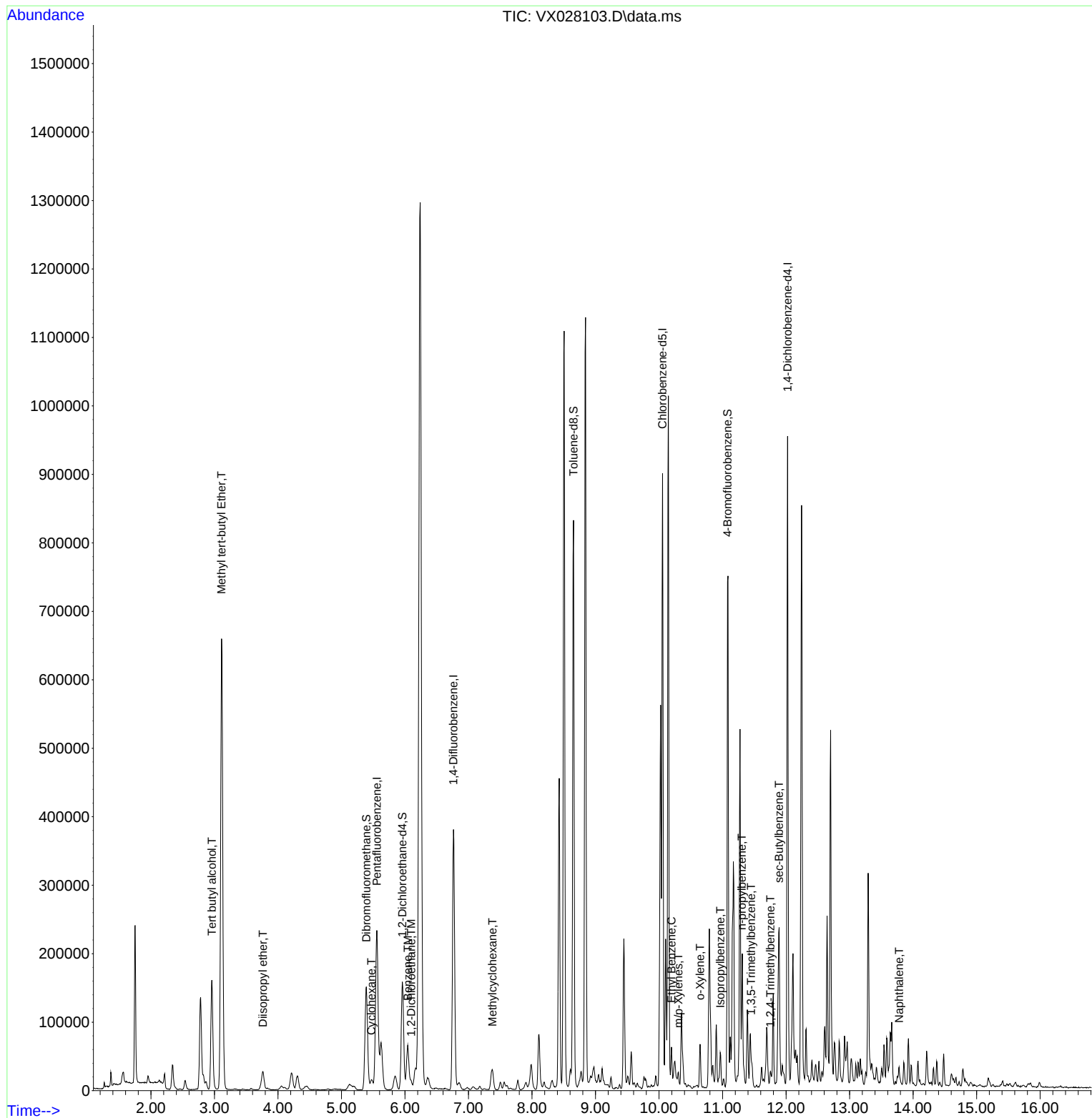
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
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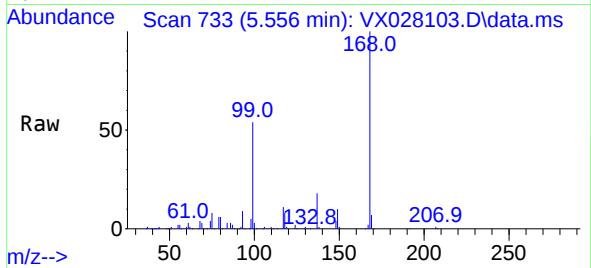
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

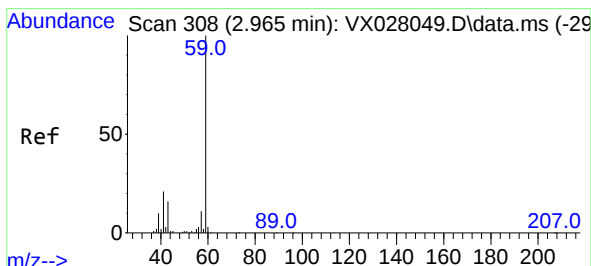
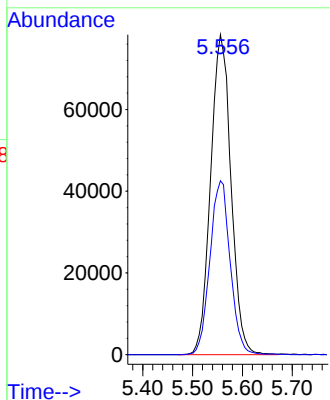
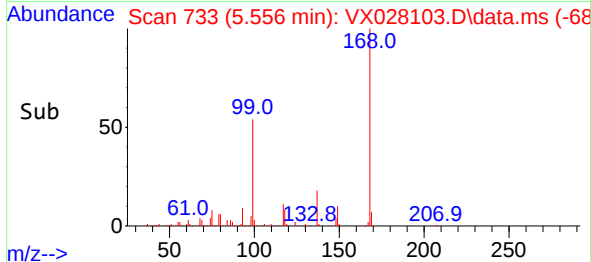
Instrument :
MSVOA_X
ClientSampleId :
MW-29R



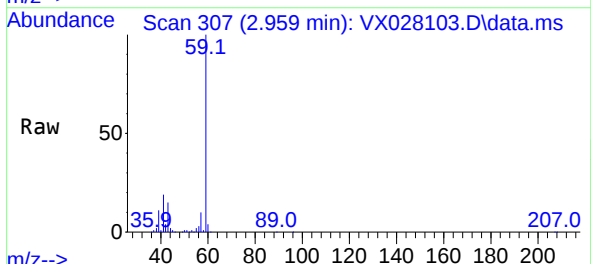
Tgt Ion:168 Resp: 222460
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5

Manual Integrations
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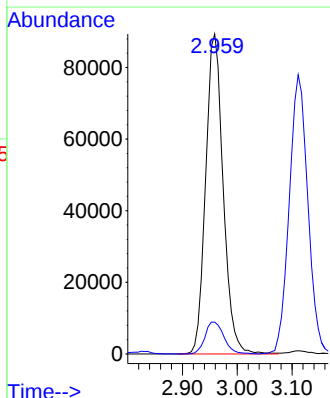
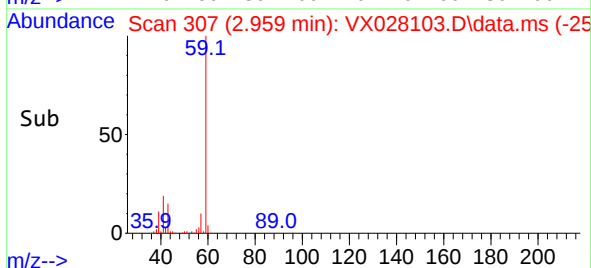
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

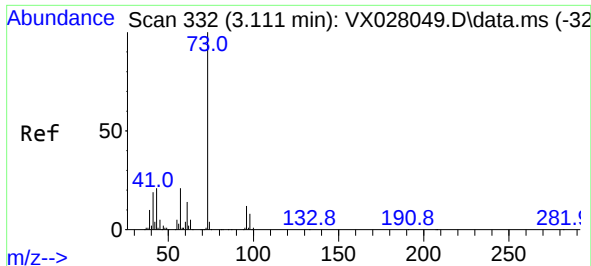


#11
Tert butyl alcohol
Concen: 282.149 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



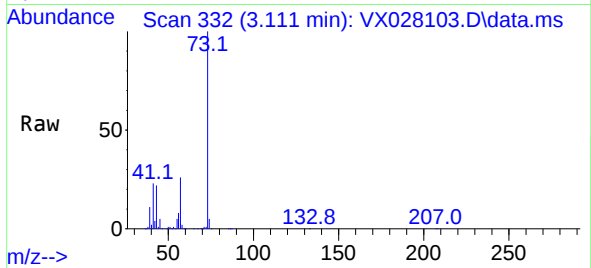
Tgt Ion: 59 Resp: 197669
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5





#19
Methyl tert-butyl Ether
Concen: 83.785 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

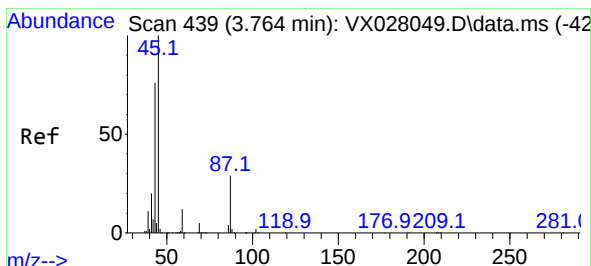
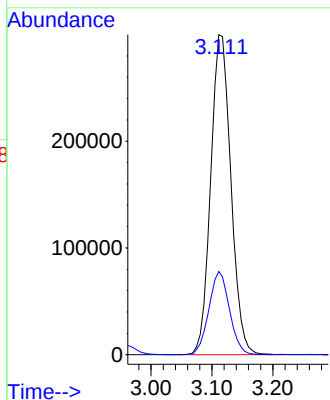
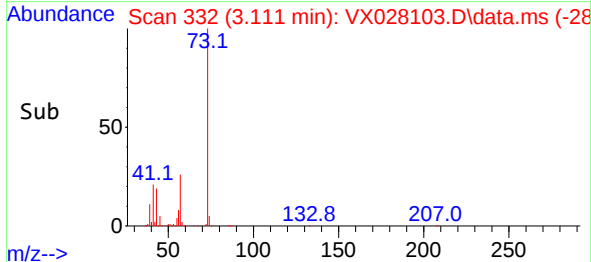
Instrument :
MSVOA_X
ClientSampleId :
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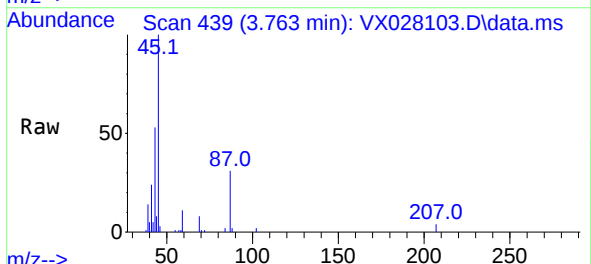
Tgt Ion: 73 Resp: 690954
Ion Ratio Lower Upper
73 100
57 26.0 16.8 25.2

Manual Integrations
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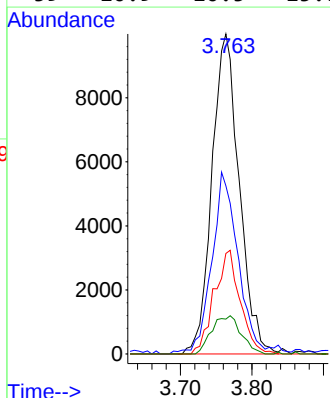
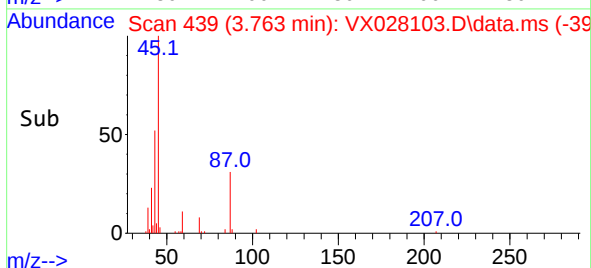
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

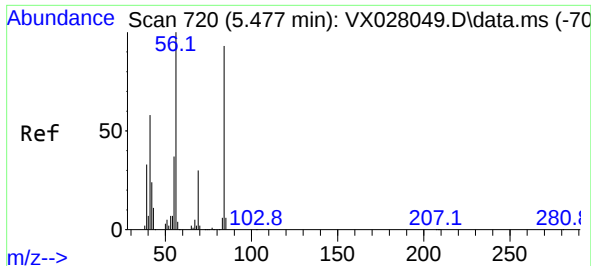


#22
Diisopropyl ether
Concen: 3.174 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



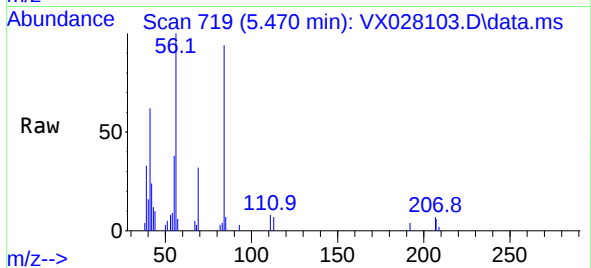
Tgt Ion: 45 Resp: 26473
Ion Ratio Lower Upper
45 100
43 51.8 50.8 76.2
87 31.4 26.6 39.8
59 10.9 10.5 15.7





#31
Cyclohexane
Concen: 2.296 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

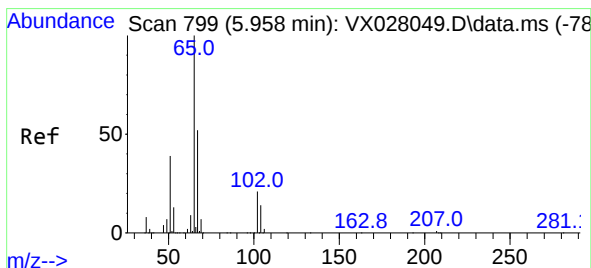
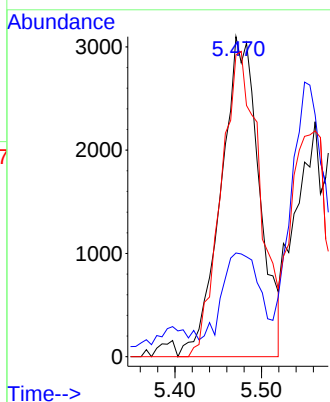
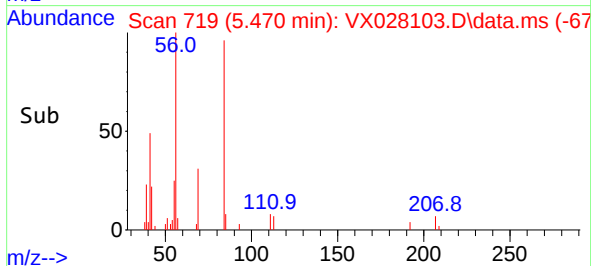
Instrument :
MSVOA_X
ClientSampleId :
MW-29R



Tgt Ion: 56 Resp: 9529
Ion Ratio Lower Upper
56 100
69 24.3 26.7 40.1
84 94.3 77.2 115.8

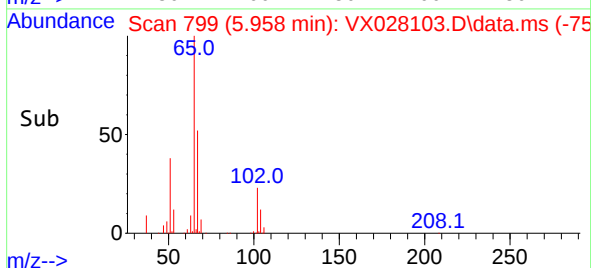
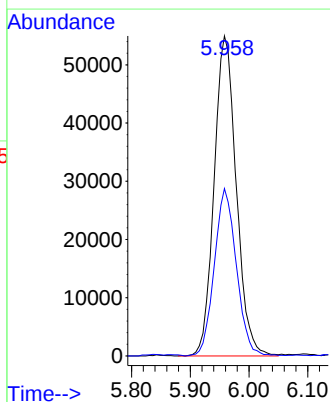
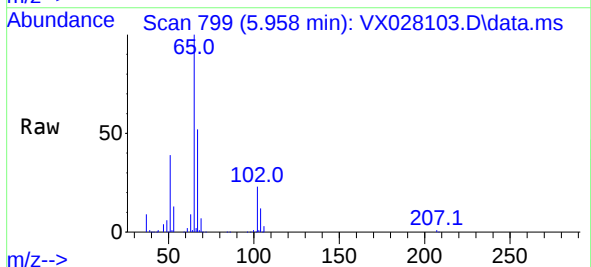
Manual Integrations
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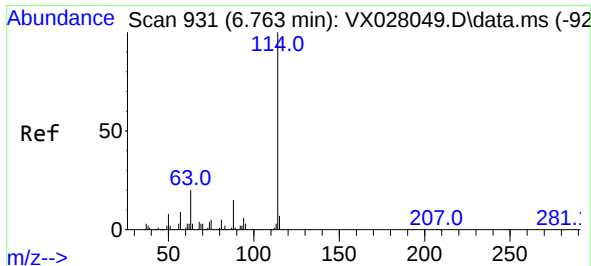
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#33
1,2-Dichloroethane-d4
Concen: 47.633 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

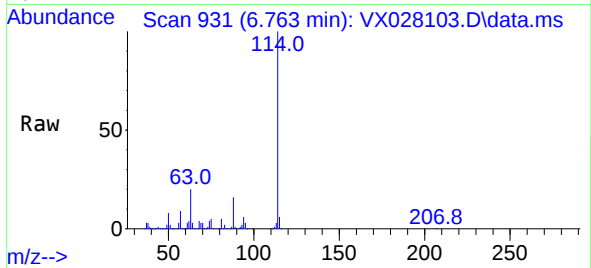
Tgt Ion: 65 Resp: 143764
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

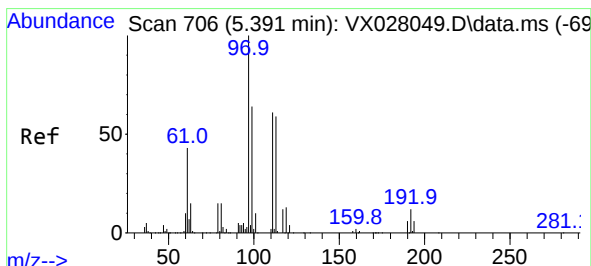
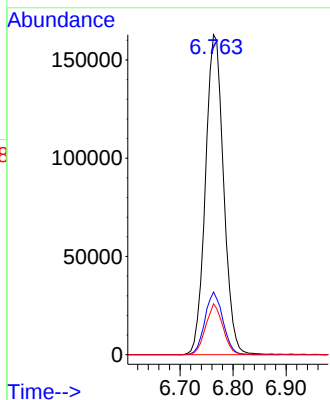
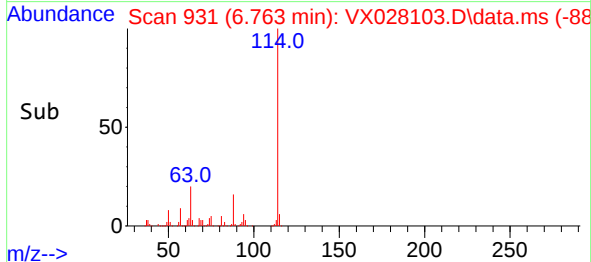
Instrument :
MSVOA_X
ClientSampleId :
MW-29R



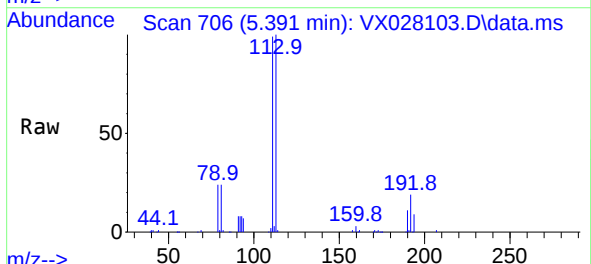
Tgt Ion:114 Resp: 38715
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 15.9 0.0 32.4

Manual Integrations
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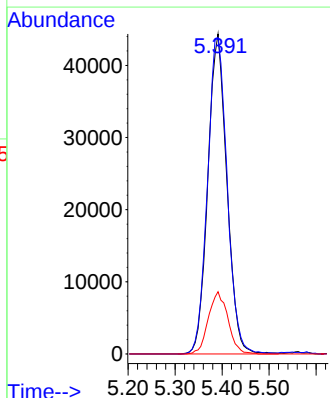
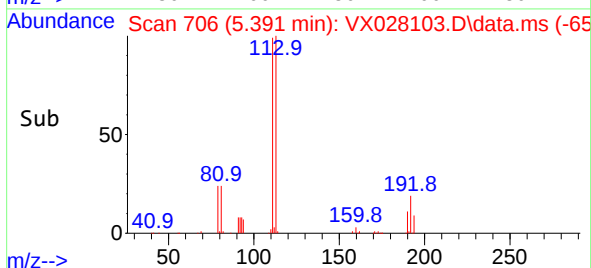
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

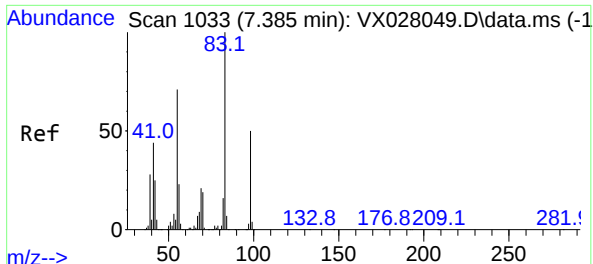


#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



Tgt Ion:113 Resp: 124585
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.0 16.9 25.3





#39

Methylcyclohexane

Concen: 2.215 ug/l m

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX028103.D

Acq: 14 Apr 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

MW-29R

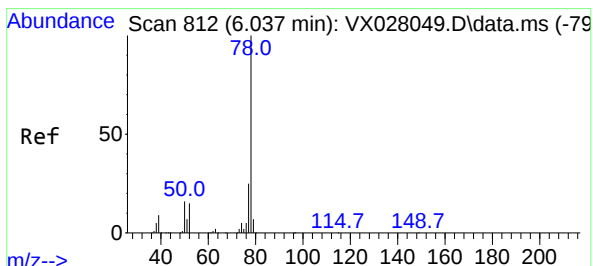
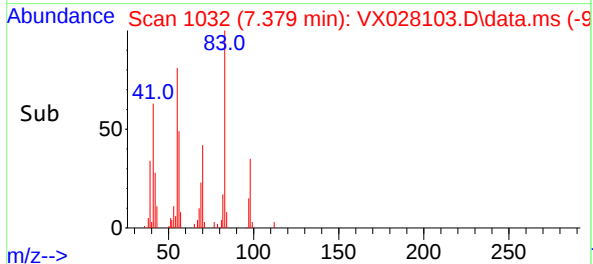
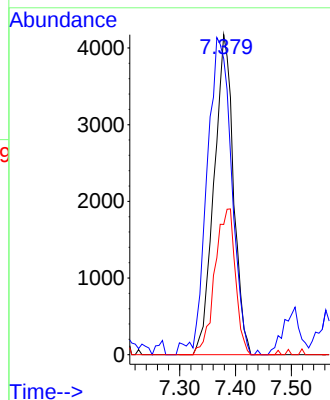
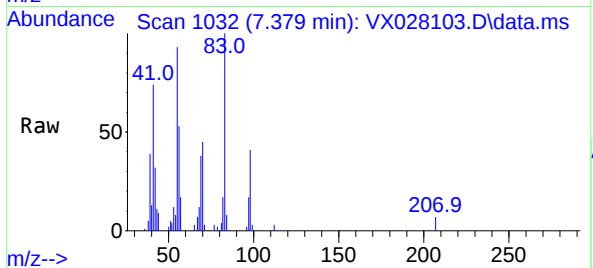
Tgt Ion: 83	Resp: 10139
Ion Ratio	Lower Upper
83 100	
55 92.5	54.6 81.8
98 40.7	37.4 56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/15/2022



#40

Benzene

Concen: 6.706 ug/l

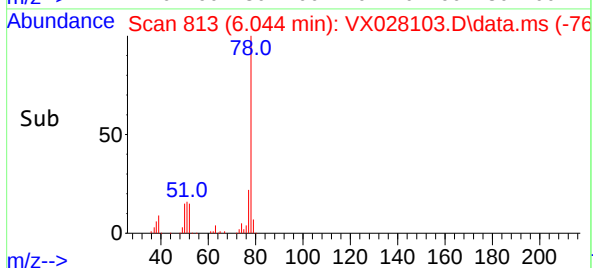
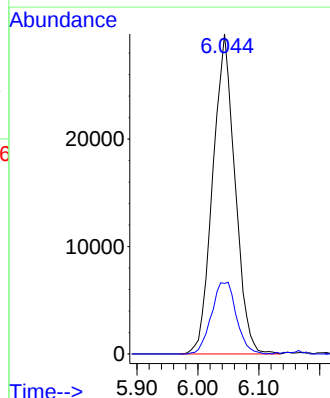
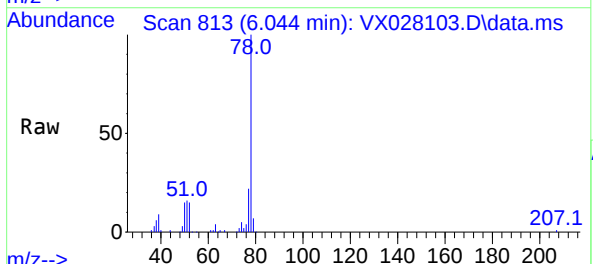
RT: 6.044 min Scan# 813

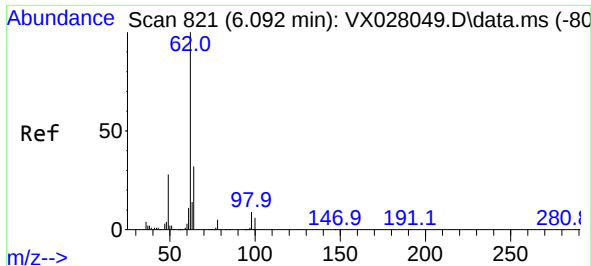
Delta R.T. 0.007 min

Lab File: VX028103.D

Acq: 14 Apr 2022 13:41

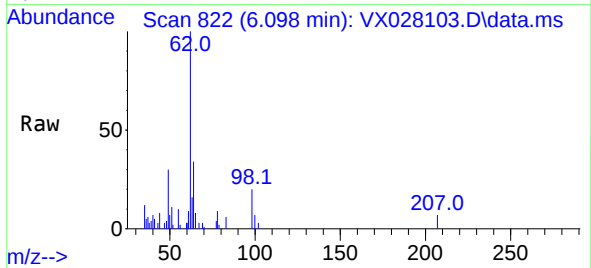
Tgt Ion: 78	Resp: 75501
Ion Ratio	Lower Upper
78 100	
77 22.0	19.3 28.9





#42
1,2-Dichloroethane
Concen: 2.825 ug/l
RT: 6.098 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

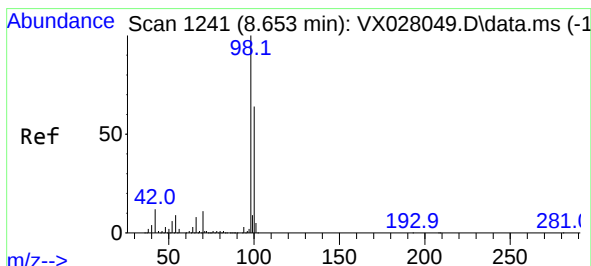
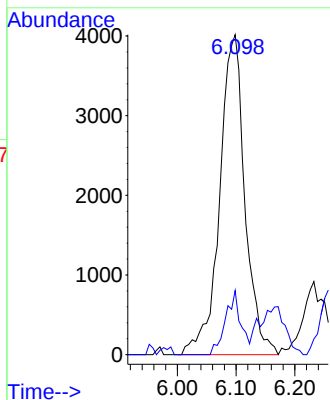
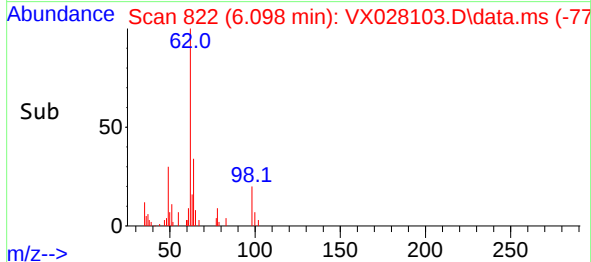
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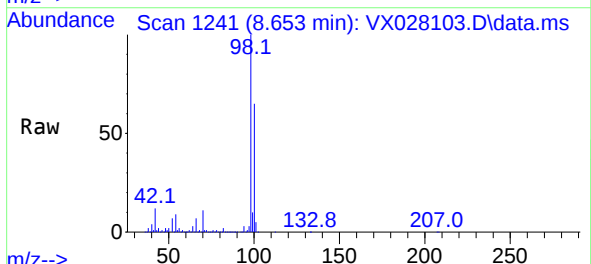
Tgt Ion: 62 Resp: 12010
Ion Ratio Lower Upper
62 100
98 12.2 0.0 20.4

Manual Integrations
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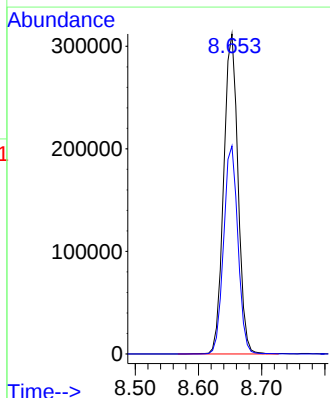
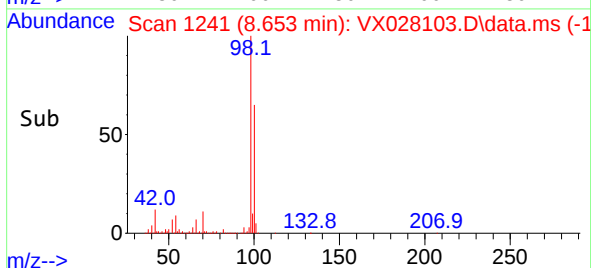
Reviewed By :Krupa Patel 04/15/2022
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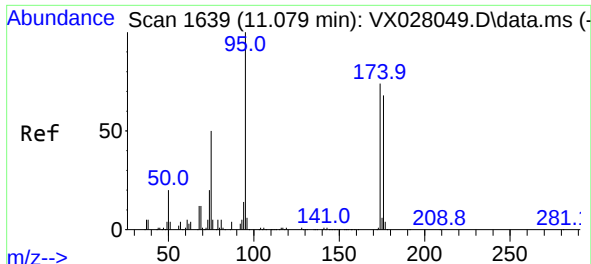


#50
Toluene-d8
Concen: 51.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



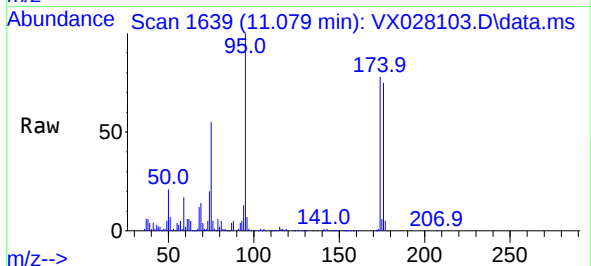
Tgt Ion: 98 Resp: 487483
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 48.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

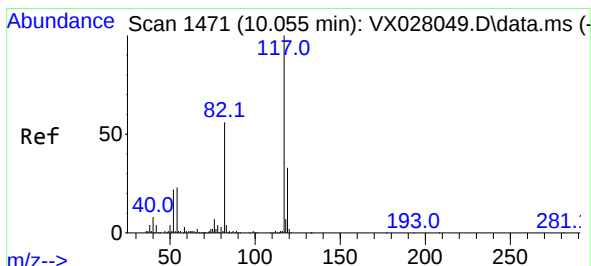
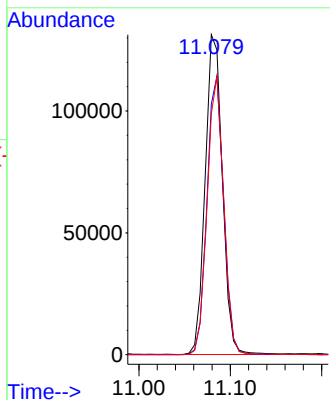
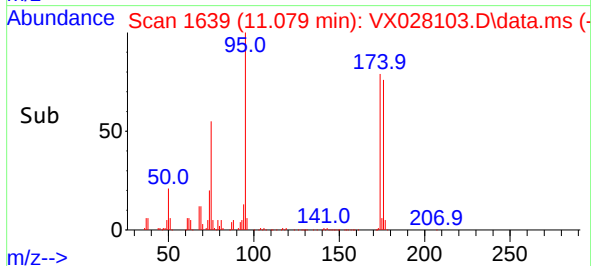
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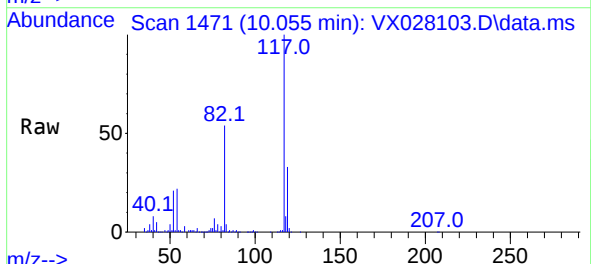
Tgt Ion: 95 Resp: 17128
Ion Ratio Lower Upper
95 100
174 84.4 0.0 163.0
176 83.5 0.0 155.0

Manual Integrations
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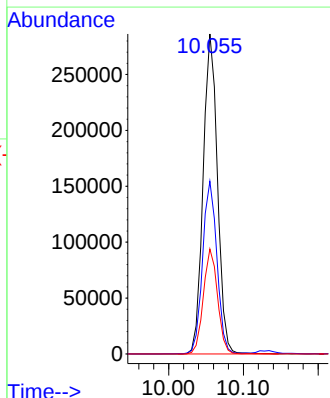
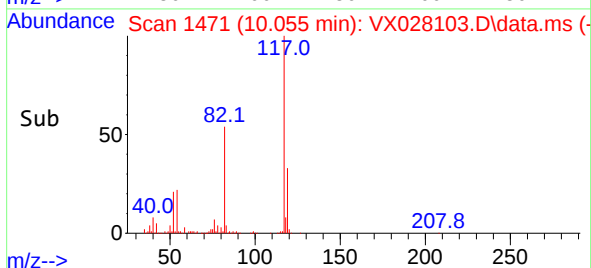
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

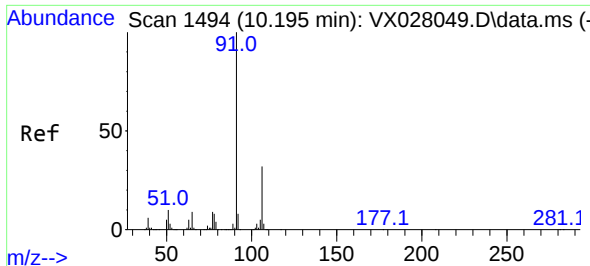


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



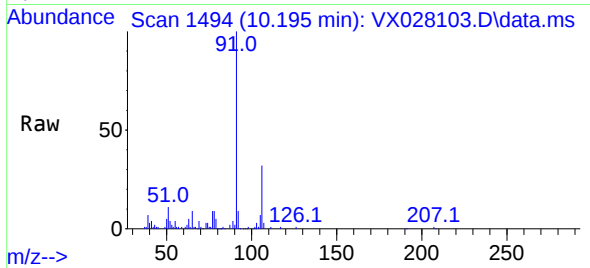
Tgt Ion:117 Resp: 380772
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.8 24.8 37.2





#67
Ethyl Benzene
Concen: 2.008 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

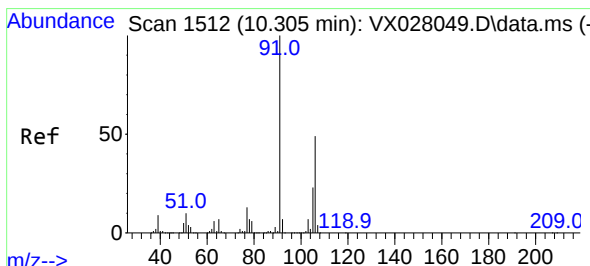
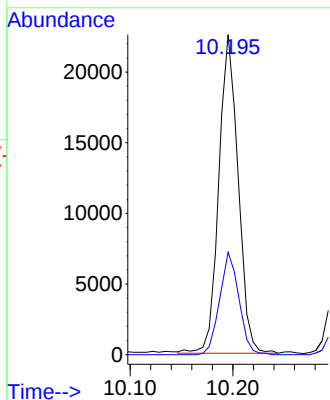
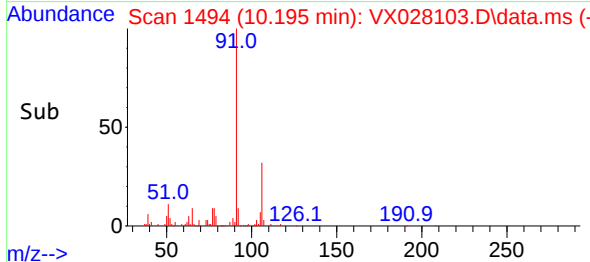
Instrument :
MSVOA_X
ClientSampleId :
MW-29R



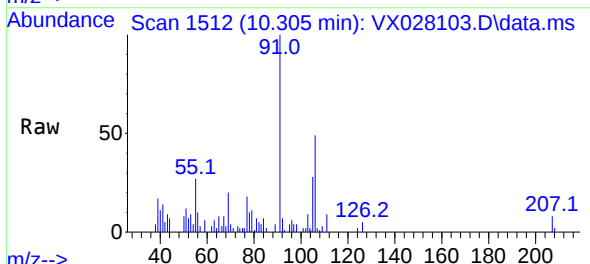
Tgt Ion: 91 Resp: 29378
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

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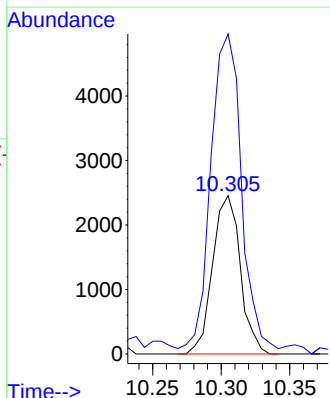
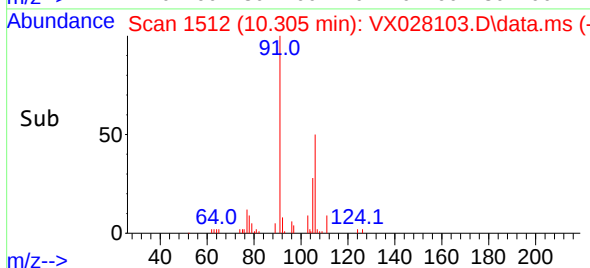
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

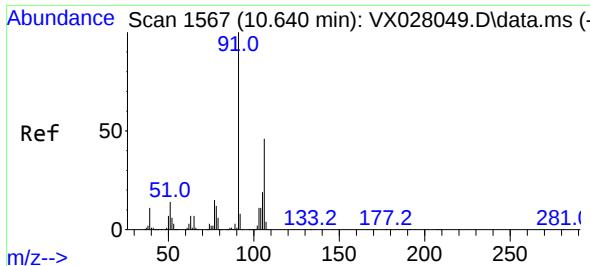


#68
m/p-Xylenes
Concen: 0.564 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



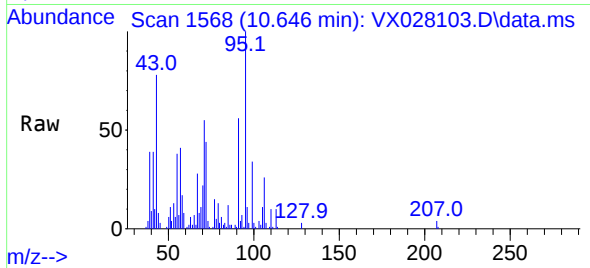
Tgt Ion:106 Resp: 3444
Ion Ratio Lower Upper
106 100
91 216.2 160.4 240.6





#69
o-Xylene
Concen: 0.448 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

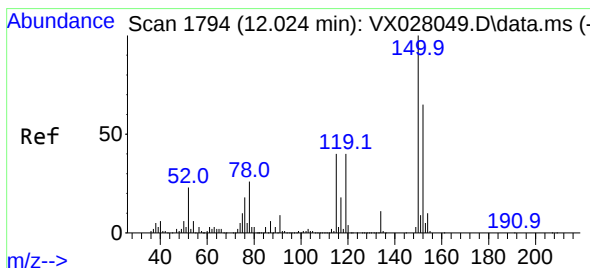
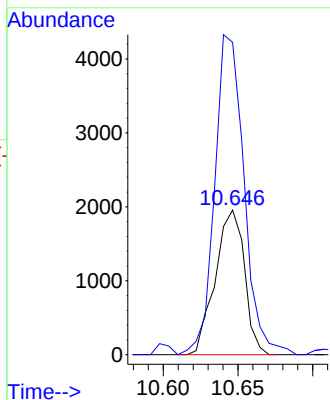
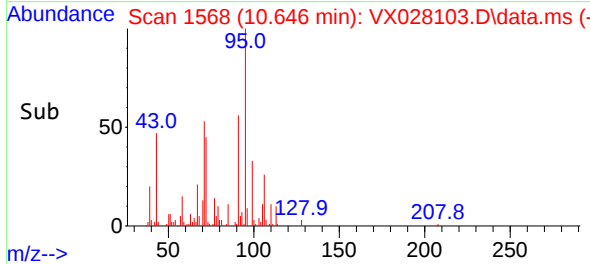
Instrument :
MSVOA_X
ClientSampleId :
MW-29R



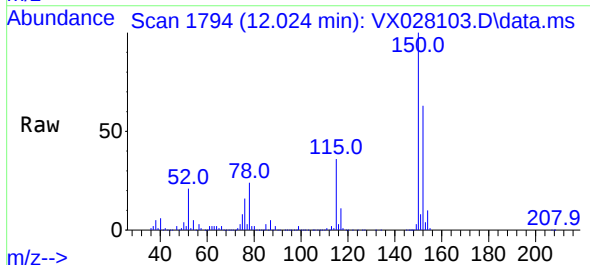
Tgt Ion:106 Resp: 2658
Ion Ratio Lower Upper
106 100
91 222.2 106.1 318.1

Manual Integrations
APPROVED

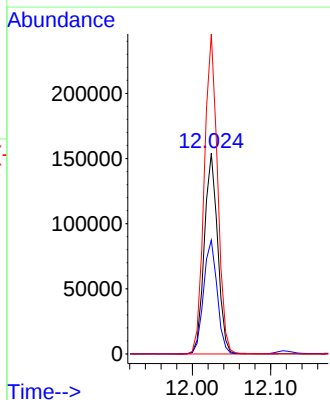
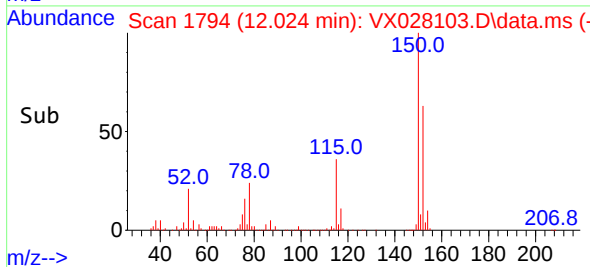
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

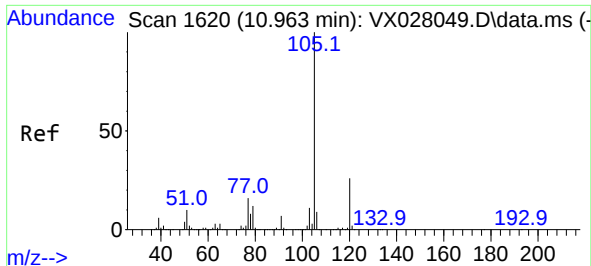


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



Tgt Ion:152 Resp: 181721
Ion Ratio Lower Upper
152 100
115 57.8 37.5 112.7
150 159.2 0.0 338.2





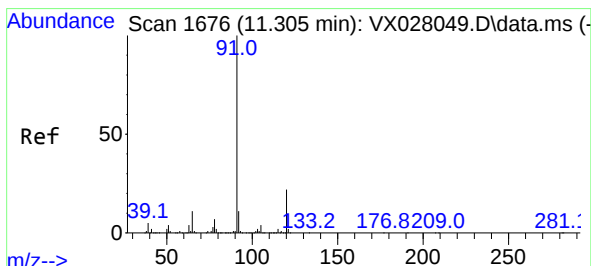
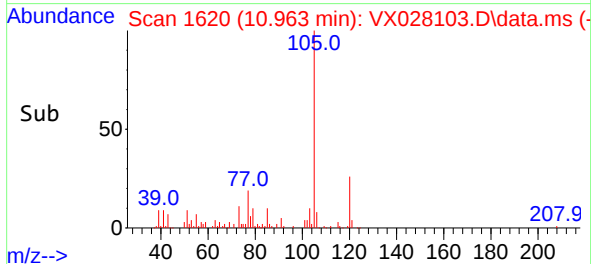
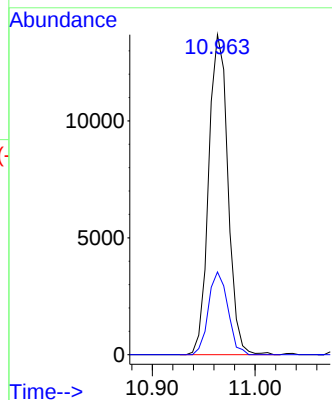
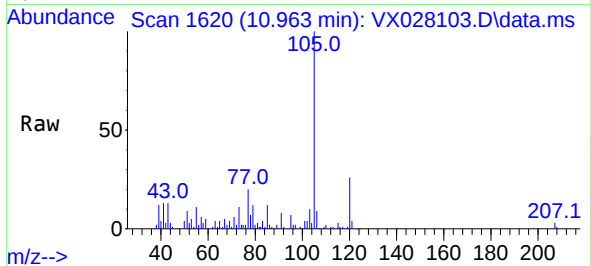
#73
Isopropylbenzene
Concen: 1.383 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
MW-29R

Tgt Ion: 105 Resp: 1784
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5

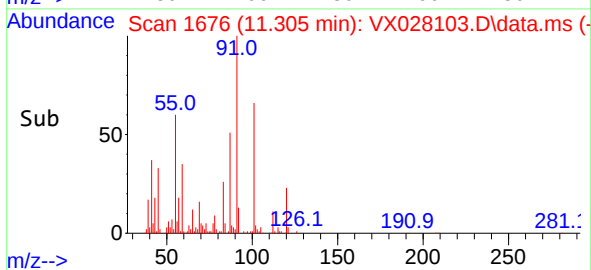
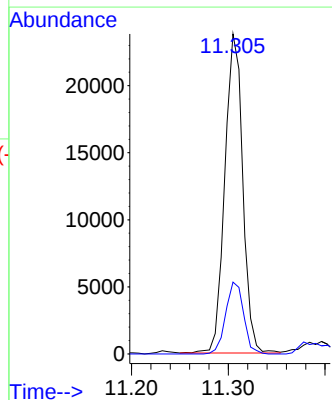
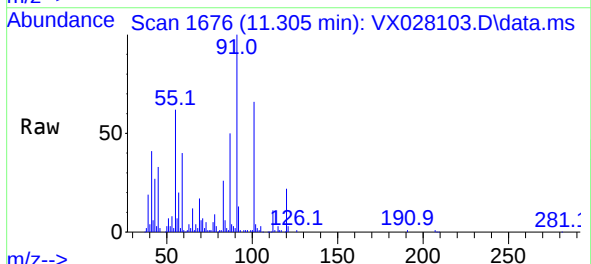
Manual Integrations
APPROVED

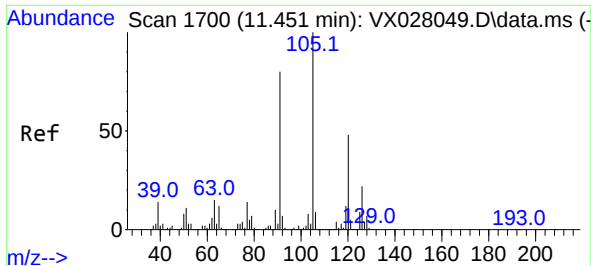
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022



#78
n-propylbenzene
Concen: 2.038 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

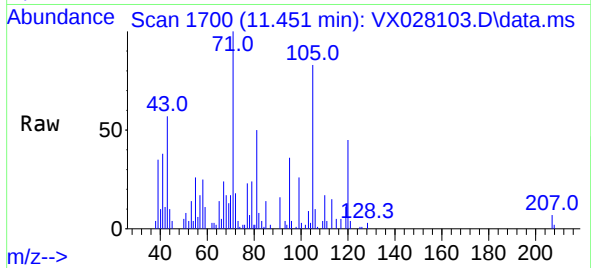
Tgt Ion: 91 Resp: 30570
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.444 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41

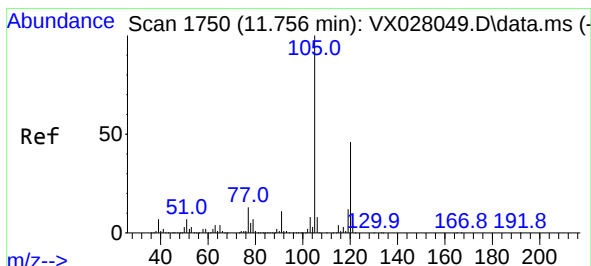
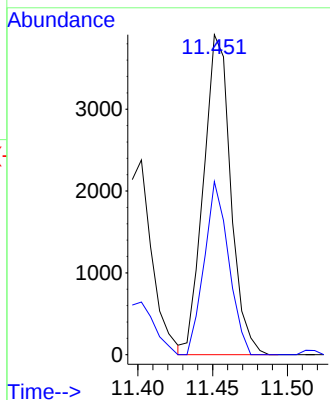
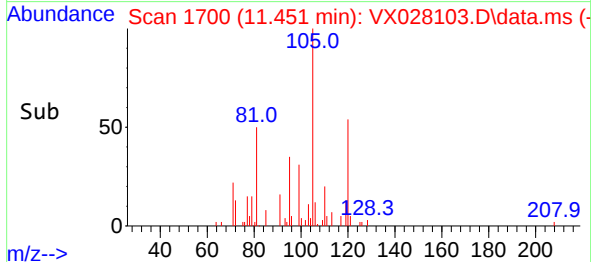
Instrument :
MSVOA_X
ClientSampleId :
MW-29R



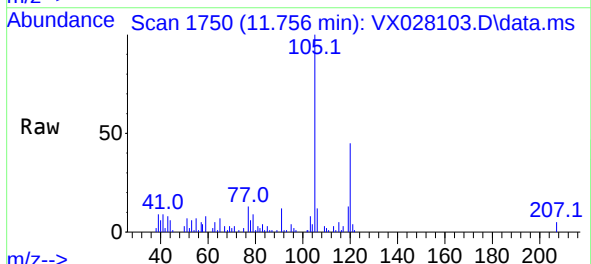
Tgt Ion:105 Resp: 494
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9

Manual Integrations
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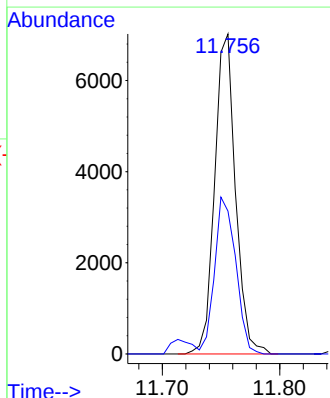
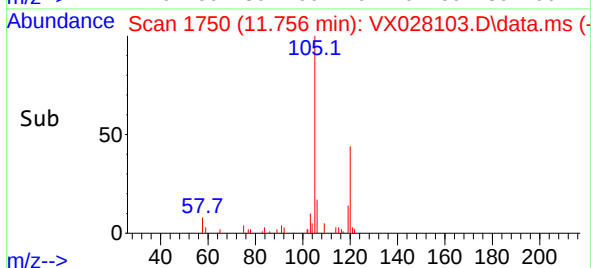
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

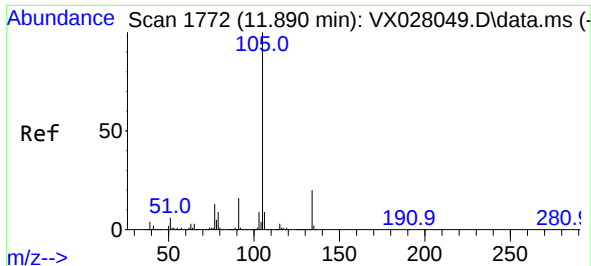


#84
1,2,4-Trimethylbenzene
Concen: 0.794 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028103.D
Acq: 14 Apr 2022 13:41



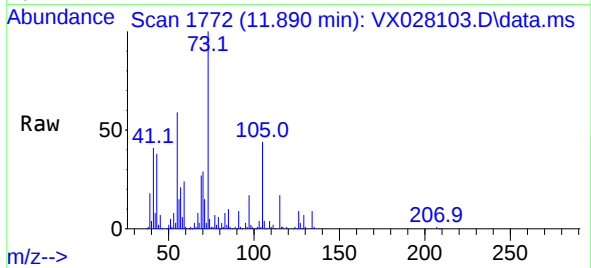
Tgt Ion:105 Resp: 8667
Ion Ratio Lower Upper
105 100
120 49.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 1.483 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX028103.D
 Acq: 14 Apr 2022 13:41

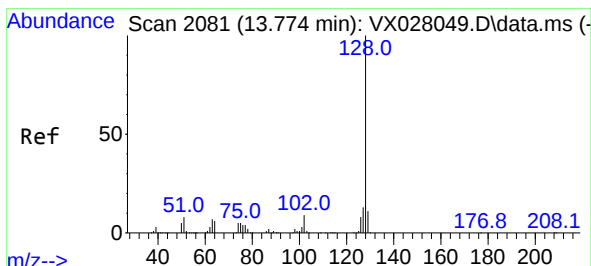
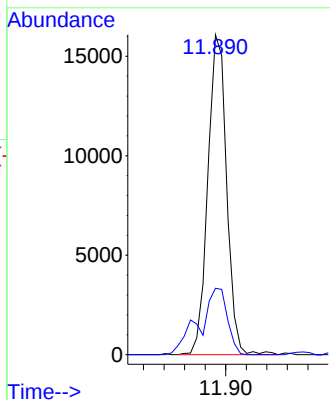
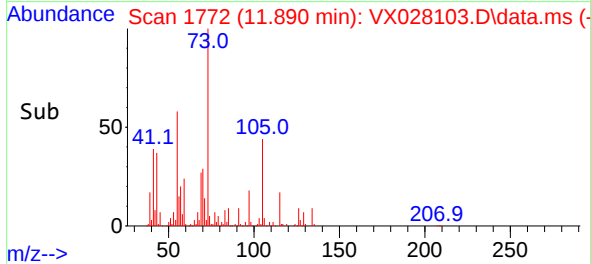
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29R



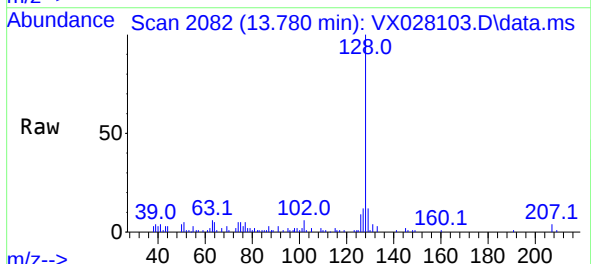
Tgt Ion:105 Resp: 20418
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022



#95
 Naphthalene
 Concen: 1.352 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX028103.D
 Acq: 14 Apr 2022 13:41



Tgt Ion:128 Resp: 16215
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.2 15.4
 129 20.6 8.7 13.1

