

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027726.D
 Acq On : 26 Mar 2022 14:52
 Operator : JC/MD
 Sample : N2028-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114DL

Quant Time: Mar 28 05:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64116	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103624	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54754	52.068	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.140%			
35) Dibromofluoromethane	5.385	113	38286	51.156	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.320%			
50) Toluene-d8	8.653	98	143477	49.592	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.180%			
62) 4-Bromofluorobenzene	11.079	95	56034	47.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.460%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	1858	9.490	ug/l #	72
16) Acetone	2.386	43	5364	12.061	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	8025	3.210	ug/l #	1
25) 2-Butanone	4.568	43	3439	4.815	ug/l #	85
31) Cyclohexane	5.470	56	9979	7.826	ug/l #	81
39) Methylcyclohexane	7.385	83	6999	5.147	ug/l	92
40) Benzene	6.043	78	320777	98.233	ug/l	100
42) 1,2-Dichloroethane	6.098	62	4263	3.071	ug/l	91
52) Toluene	8.720	92	260751	127.727	ug/l	100
59) 2-Hexanone	9.567	43	1560	1.399	ug/l	81
67) Ethyl Benzene	10.195	91	113705	27.963	ug/l	97
68) m/p-Xylenes	10.299	106	182343	123.719	ug/l	90
69) o-Xylene	10.646	106	75589	51.038	ug/l	86
73) Isopropylbenzene	10.963	105	8823	2.420	ug/l	97
78) n-propylbenzene	11.305	91	25717	5.946	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	39711	12.674	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	131350	41.303	ug/l	95
85) sec-Butylbenzene	11.896	105	1003m	0.266	ug/l	
95) Naphthalene	13.780	128	11232	3.554	ug/l	97

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

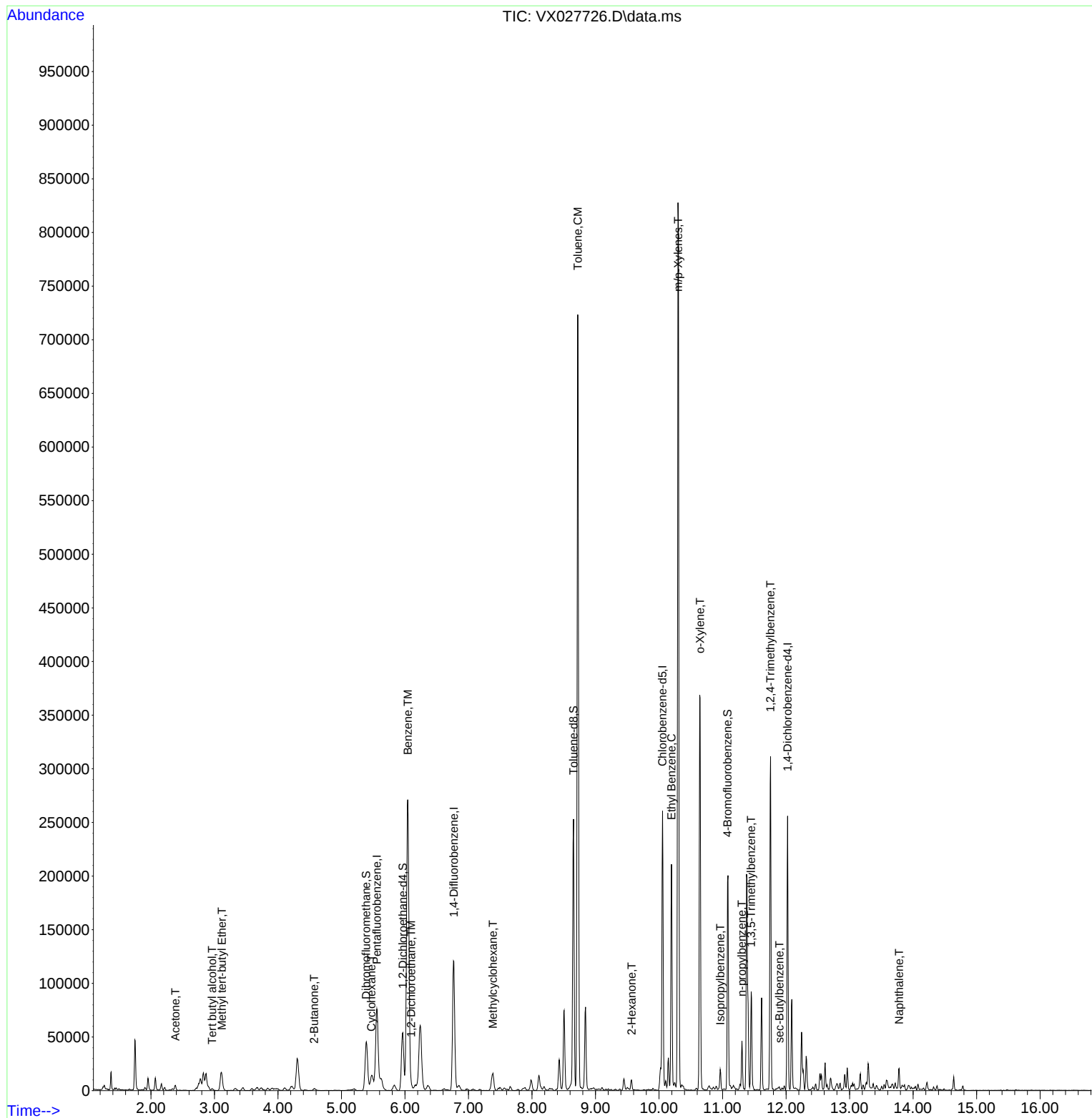
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
Data File : VX027726.D
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Operator : JC/MD
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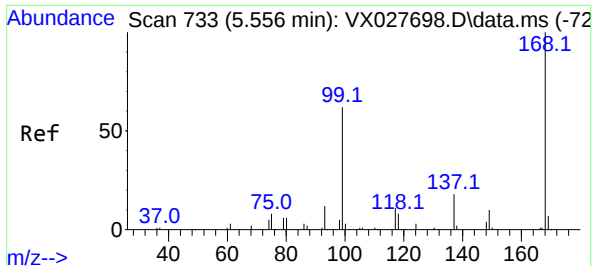
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Quant Time: Mar 28 05:16:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

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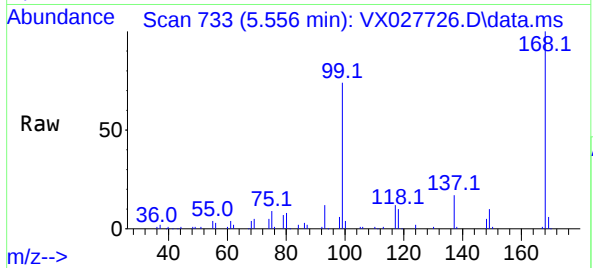
Reviewed By : John Carlone 03/28/2022
Supervised By : Mahesh Dadoda 03/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

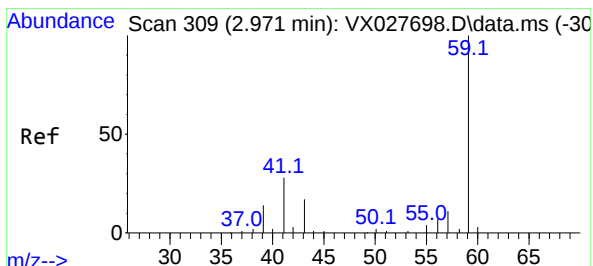
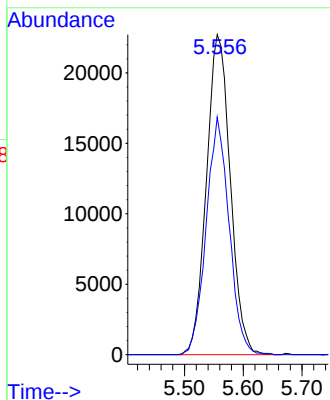
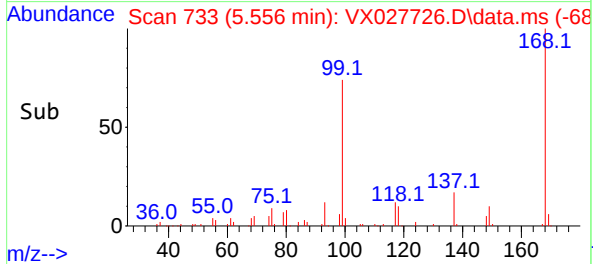
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL



Tgt Ion:168 Resp: 64110
Ion Ratio Lower Upper
168 100
99 74.3 41.7 62.5

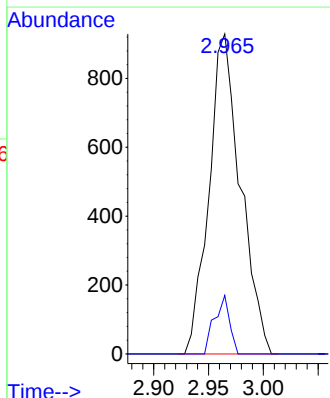
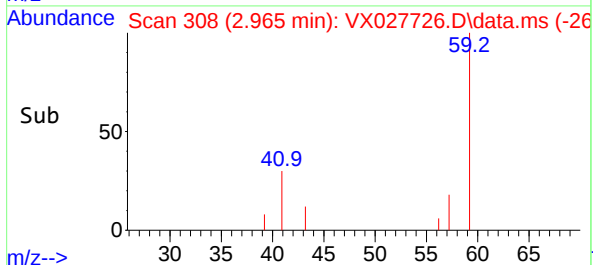
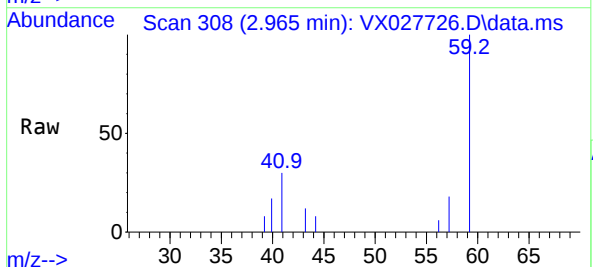
Manual Integrations
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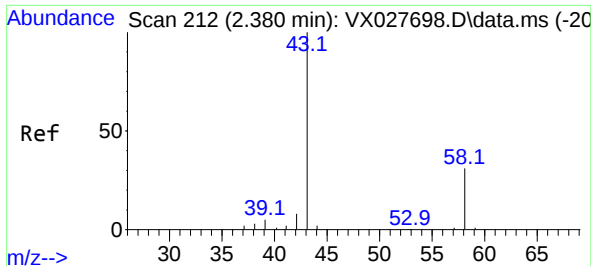
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#11
Tert butyl alcohol
Concen: 9.490 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 59 Resp: 1858
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5





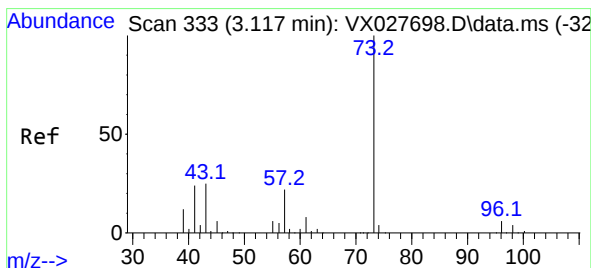
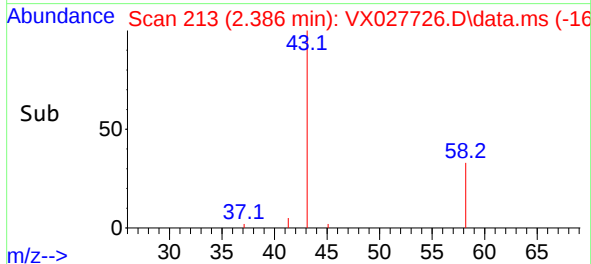
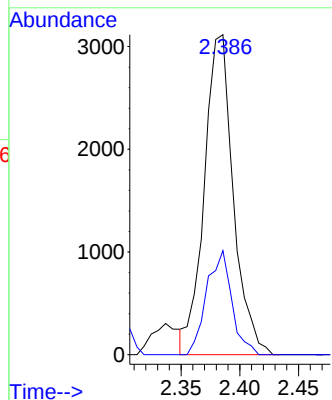
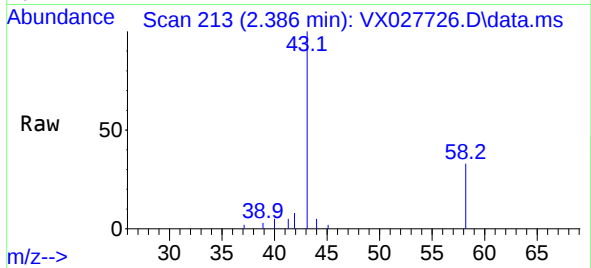
#16
Acetone
Concen: 12.061 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
58 32.5 28.8 43.2

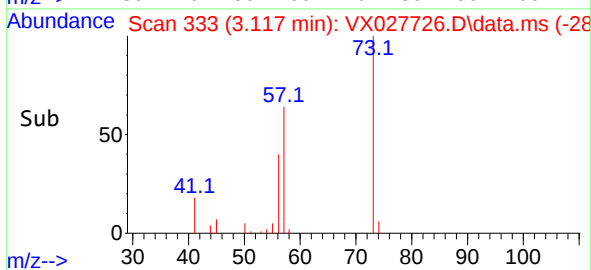
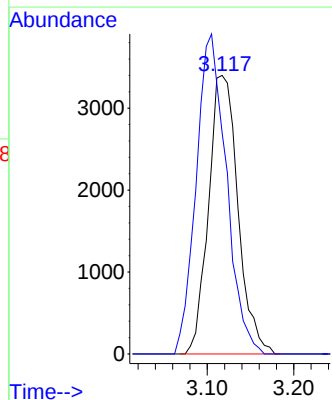
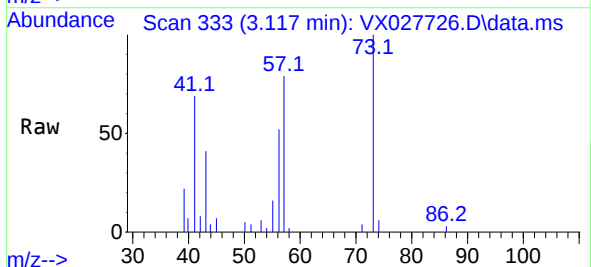
Manual Integrations
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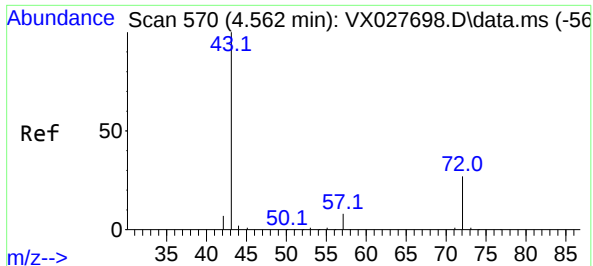
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#19
Methyl tert-butyl Ether
Concen: 3.210 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 73 Resp: 8025
Ion Ratio Lower Upper
73 100
57 79.5 16.8 25.2#





#25

2-Butanone

Concen: 4.815 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-114DL

Tgt Ion: 43 Resp: 3439

Ion Ratio Lower Upper

43 100

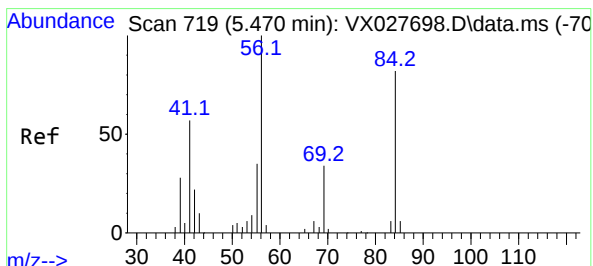
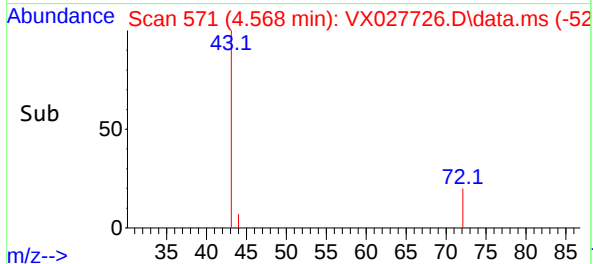
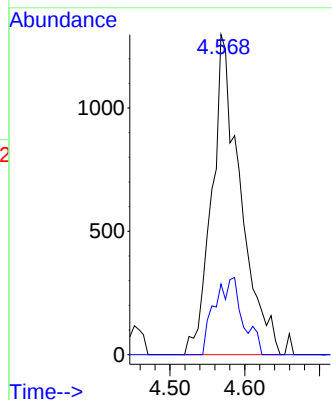
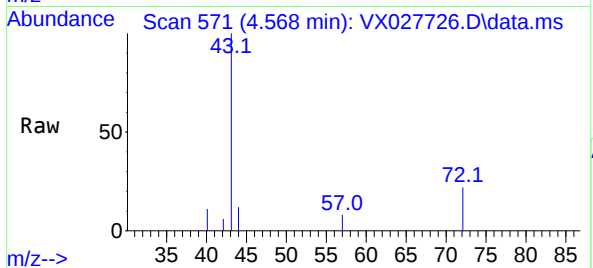
72 22.1 24.4 36.6

Manual Integrations

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Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#31

Cyclohexane

Concen: 7.826 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

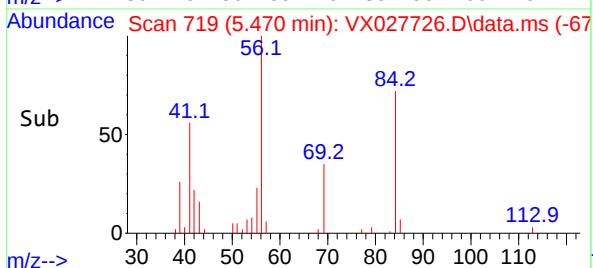
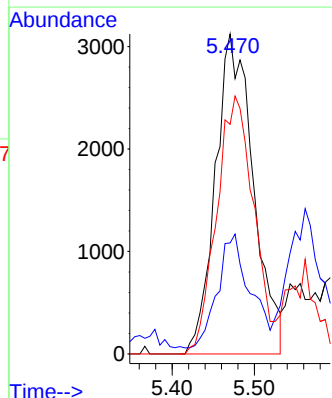
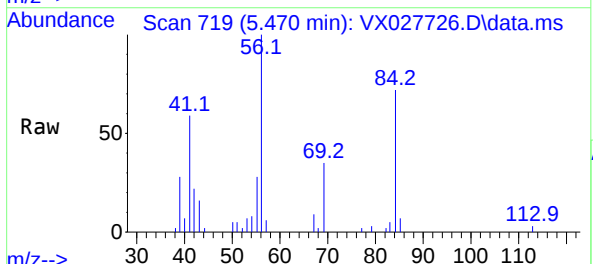
Tgt Ion: 56 Resp: 9979

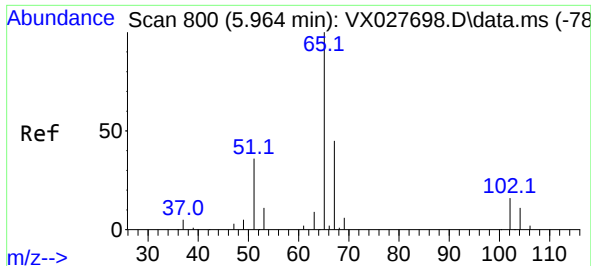
Ion Ratio Lower Upper

56 100

69 32.4 26.7 40.1

84 71.7 77.2 115.8





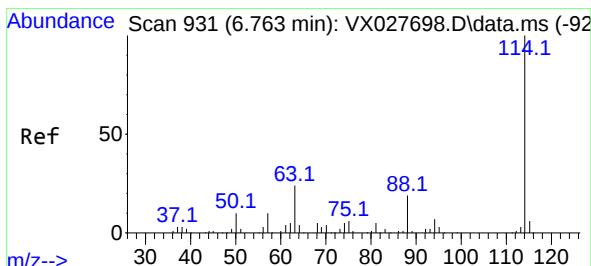
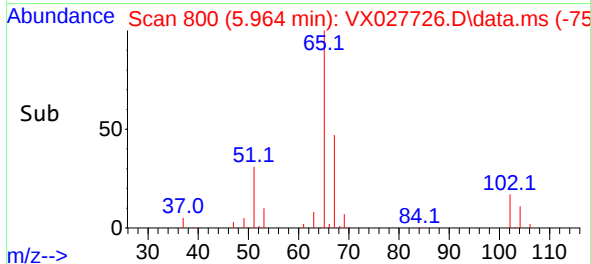
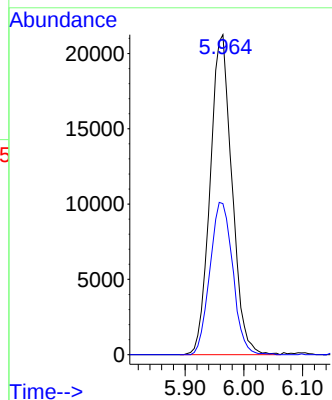
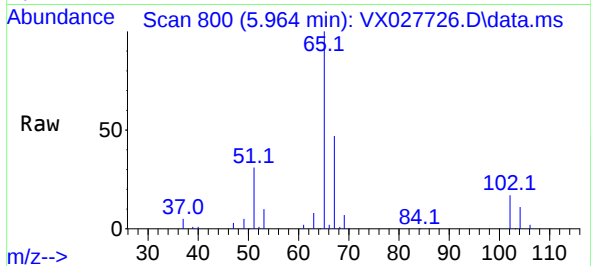
#33
1,2-Dichloroethane-d4
Concen: 52.068 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion: 65 Resp: 54754
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

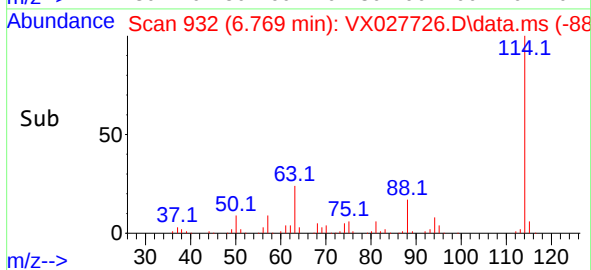
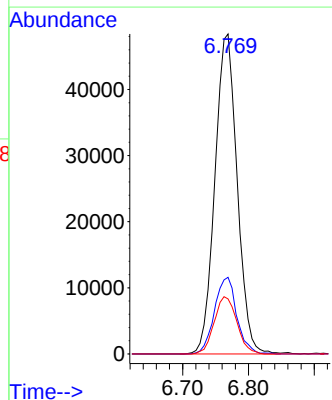
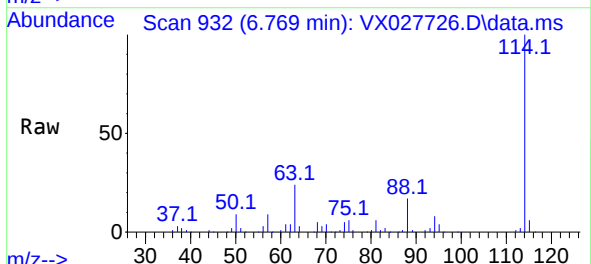
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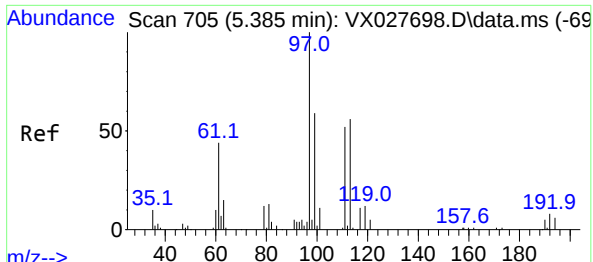
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

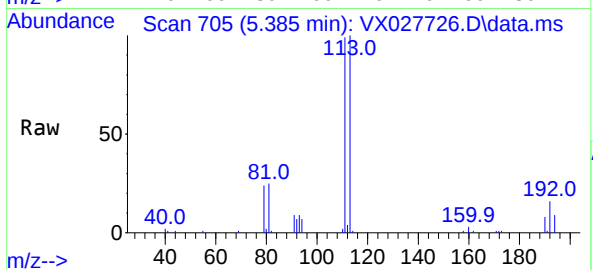
Tgt Ion:114 Resp: 113969
Ion Ratio Lower Upper
114 100
63 23.9 0.0 36.8
88 17.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 51.156 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

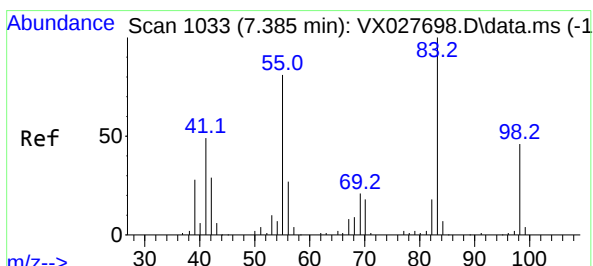
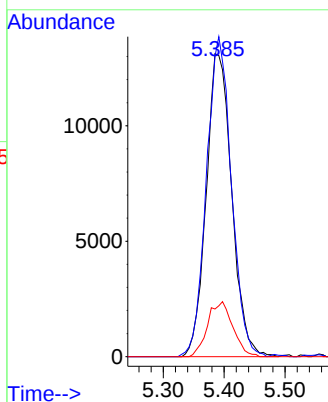
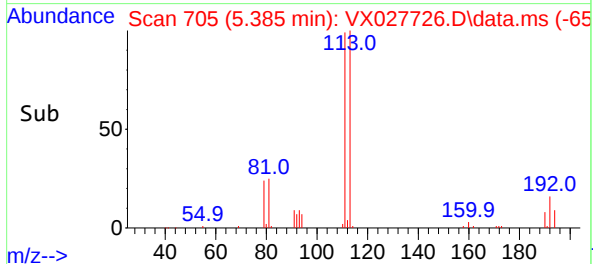
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL



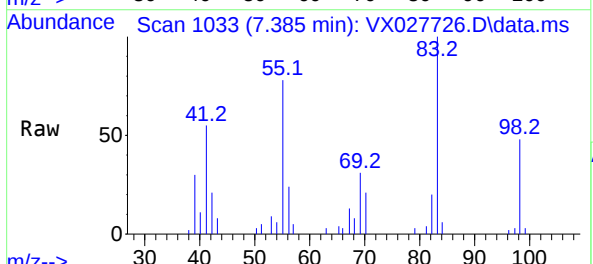
Tgt Ion: 113 Resp: 38280
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 17.9 16.9 25.3

Manual Integrations
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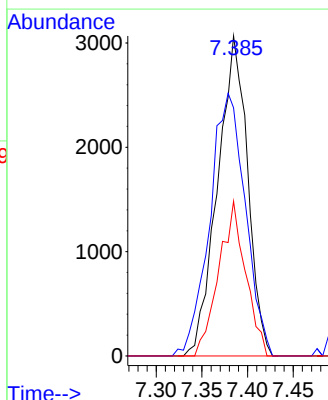
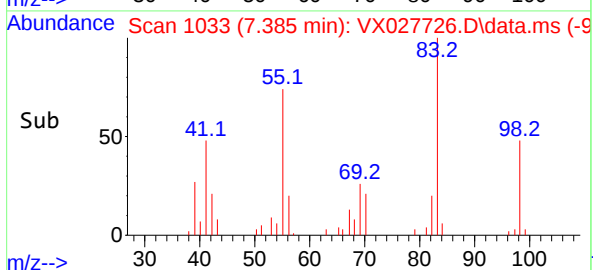
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

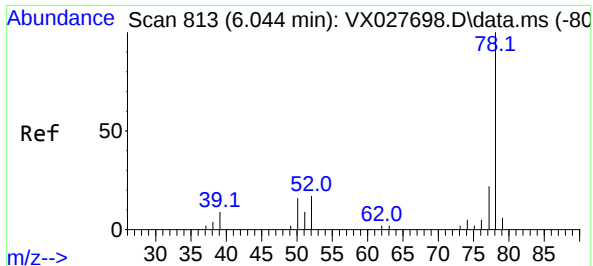


#39
Methylcyclohexane
Concen: 5.147 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52



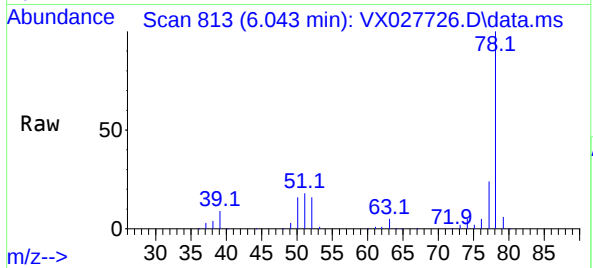
Tgt Ion: 83 Resp: 6999
Ion Ratio Lower Upper
83 100
55 77.6 54.6 81.8
98 48.4 37.4 56.2





#40
Benzene
Concen: 98.233 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

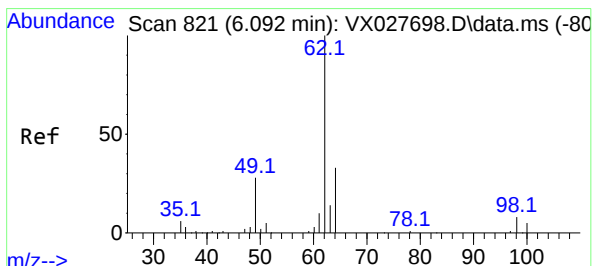
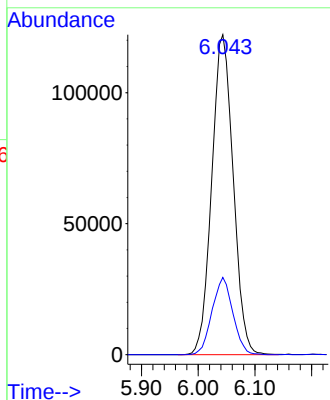
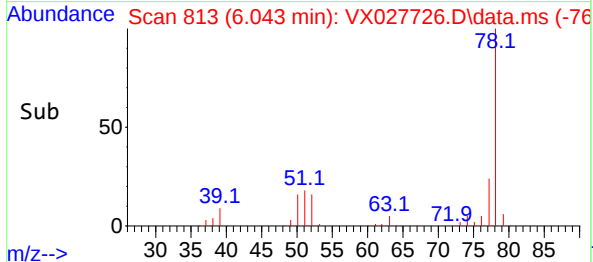
Instrument :
MSVOA_X
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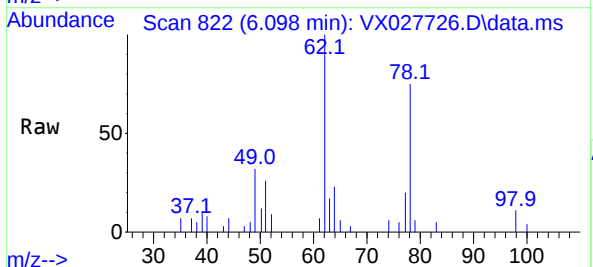
Tgt Ion: 78 Resp: 32077
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

Manual Integrations
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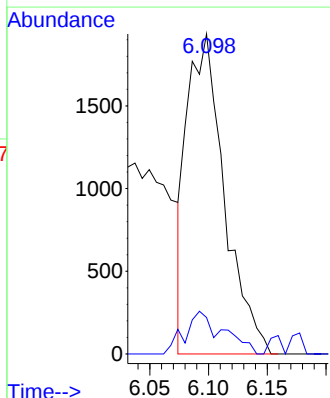
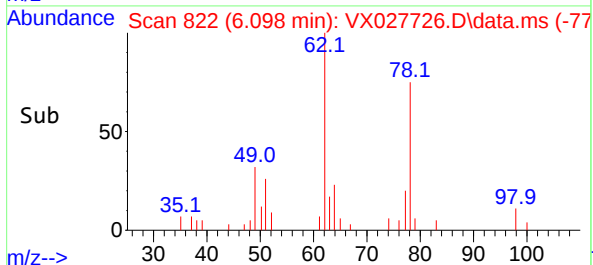
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

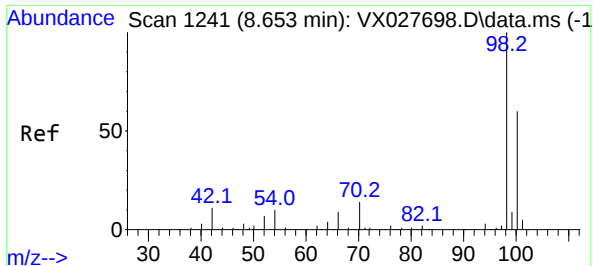


#42
1,2-Dichloroethane
Concen: 3.071 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52



Tgt Ion: 62 Resp: 4263
Ion Ratio Lower Upper
62 100
98 13.6 0.0 20.4





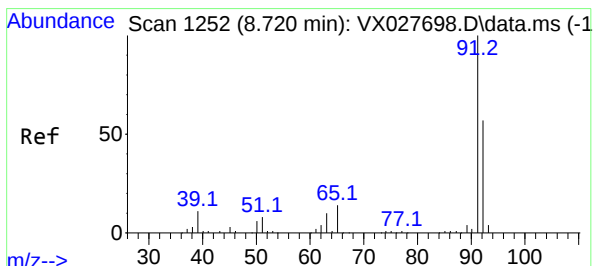
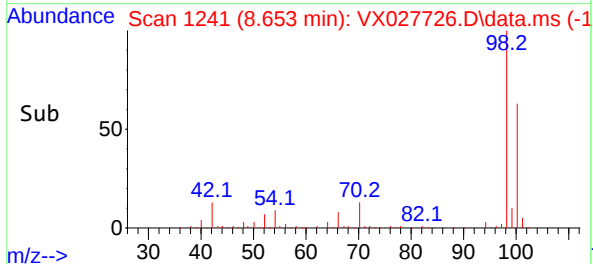
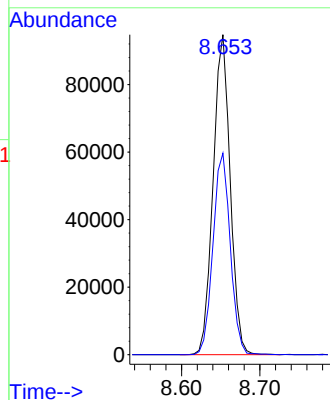
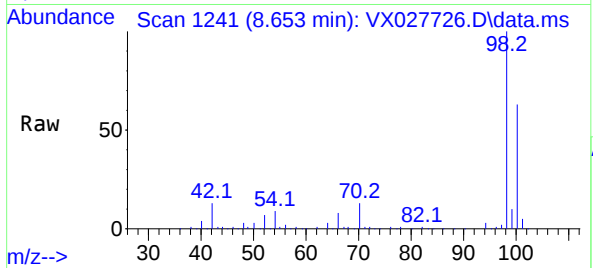
#50
Toluene-d8
Concen: 49.592 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion: 98 Resp: 14347
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8

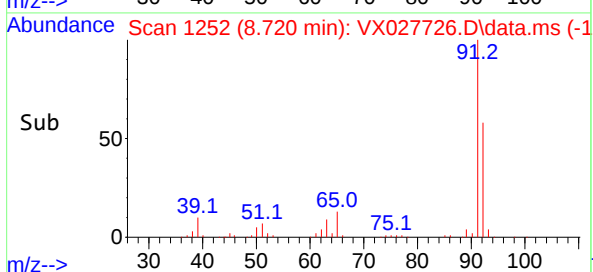
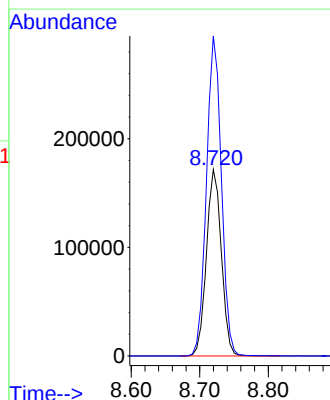
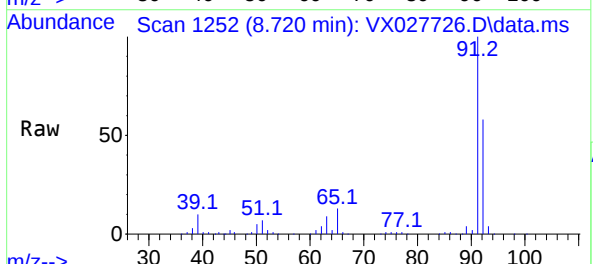
Manual Integrations
APPROVED

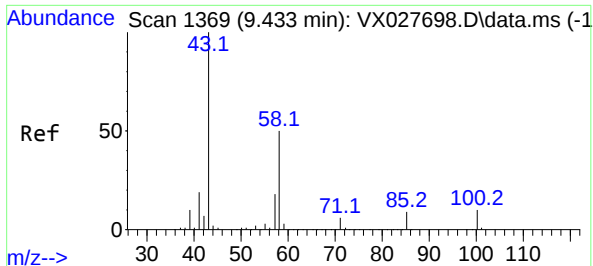
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 127.727 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 92 Resp: 260751
Ion Ratio Lower Upper
92 100
91 171.5 137.5 206.3





#59

2-Hexanone

Concen: 1.399 ug/l

RT: 9.567 min Scan# 11

Delta R.T. 0.134 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-114DL

Tgt Ion: 43 Resp: 1560

Ion Ratio Lower Upper

43 100

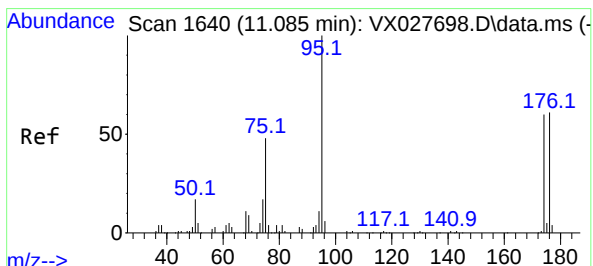
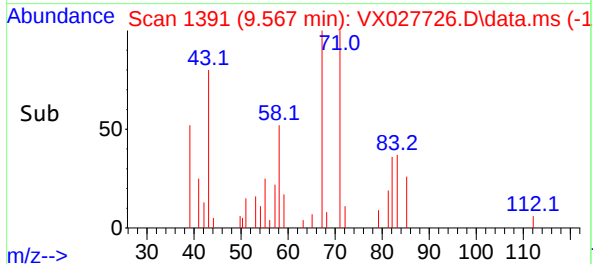
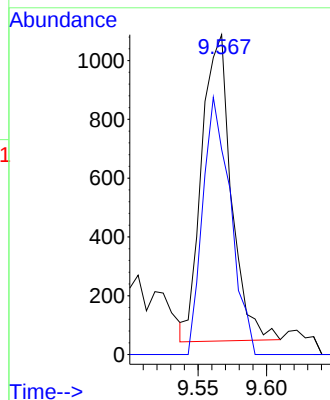
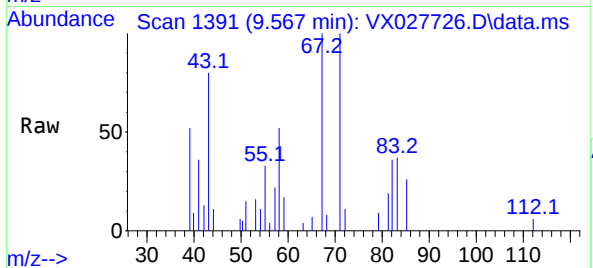
58 78.7 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#62

4-Bromofluorobenzene

Concen: 47.731 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

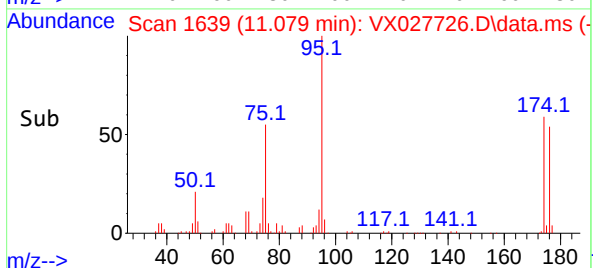
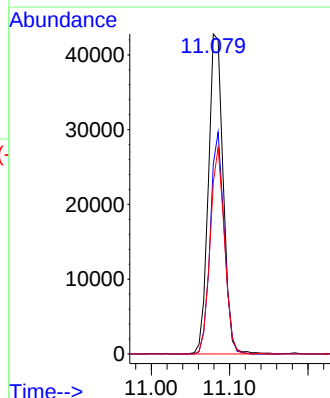
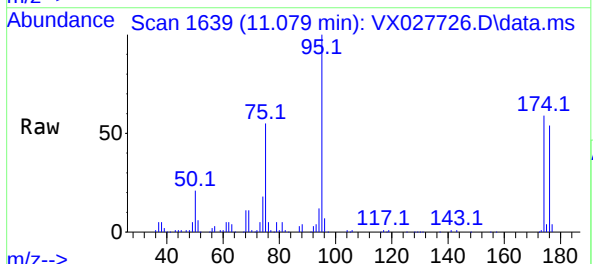
Tgt Ion: 95 Resp: 56034

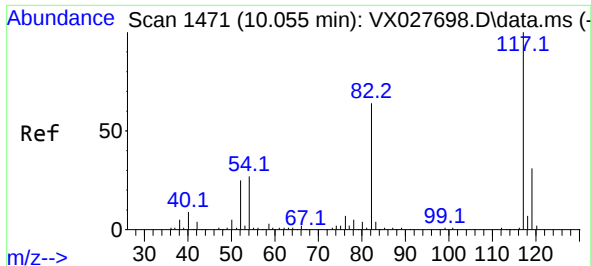
Ion Ratio Lower Upper

95 100

174 65.2 0.0 163.0

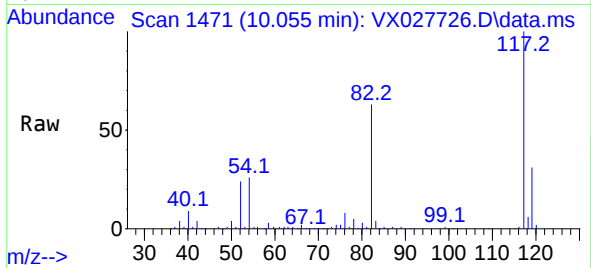
176 61.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

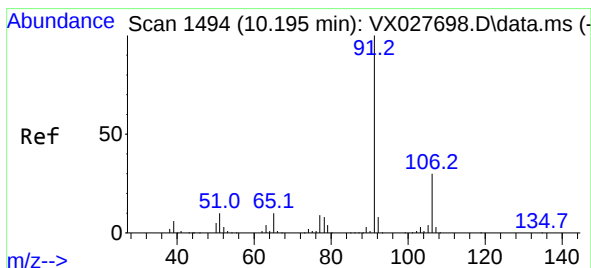
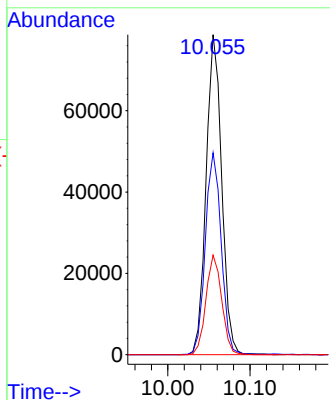
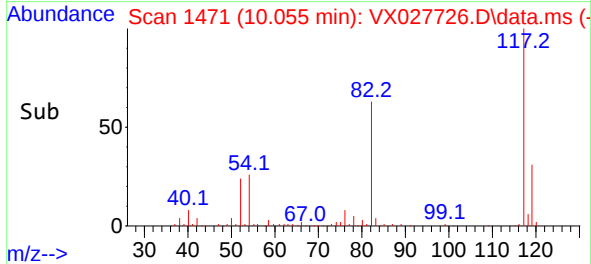
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL



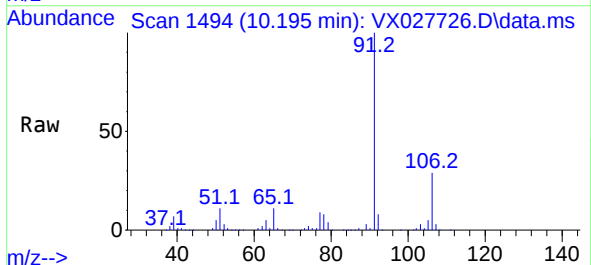
Tgt Ion: 117 Resp: 103624
Ion Ratio Lower Upper
117 100
82 63.1 41.8 62.8
119 31.1 24.8 37.2

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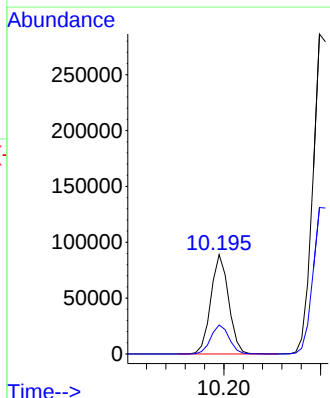
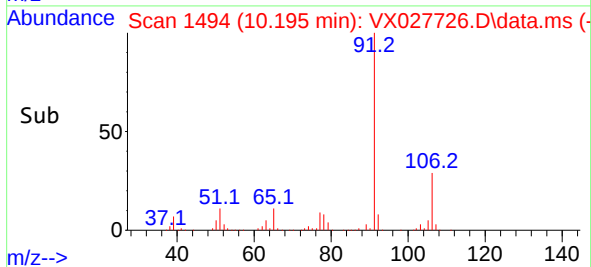
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

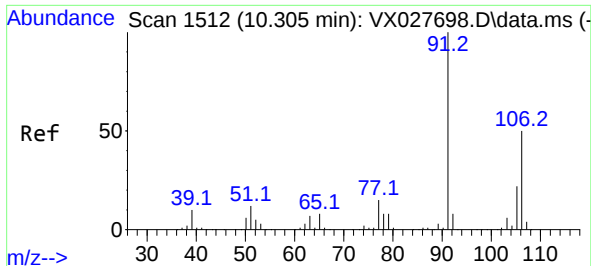


#67
Ethyl Benzene
Concen: 27.963 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52



Tgt Ion: 91 Resp: 113705
Ion Ratio Lower Upper
91 100
106 29.2 24.6 36.8





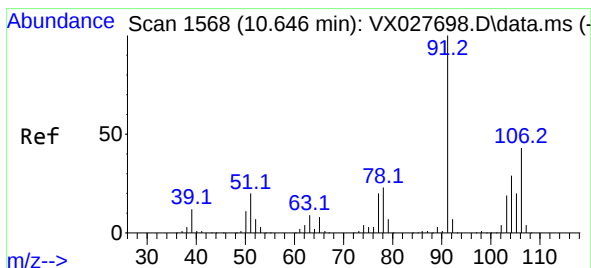
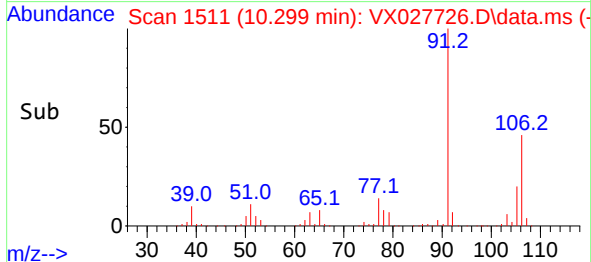
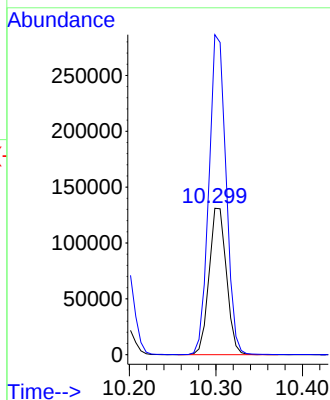
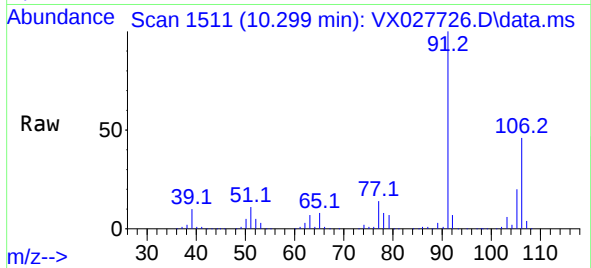
#68
m/p-Xylenes
Concen: 123.719 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion:106 Resp: 18234
Ion Ratio Lower Upper
106 100
91 215.9 160.4 240.6

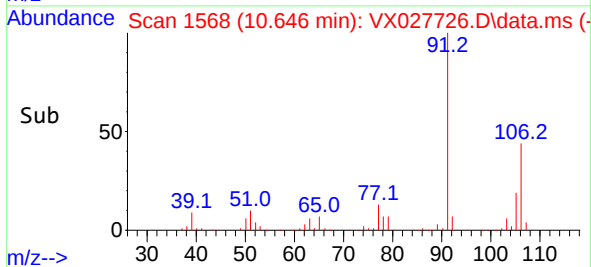
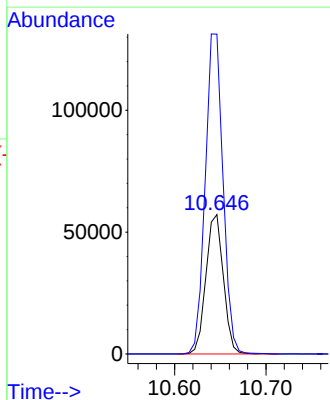
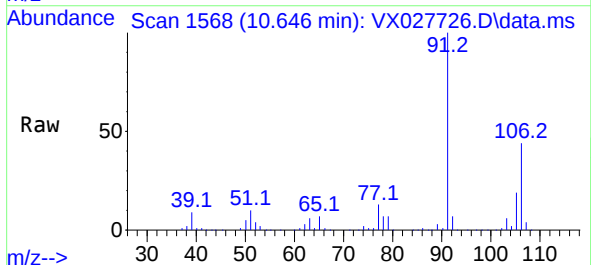
Manual Integrations
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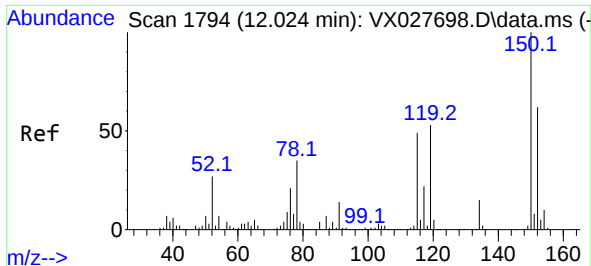
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#69
o-Xylene
Concen: 51.038 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

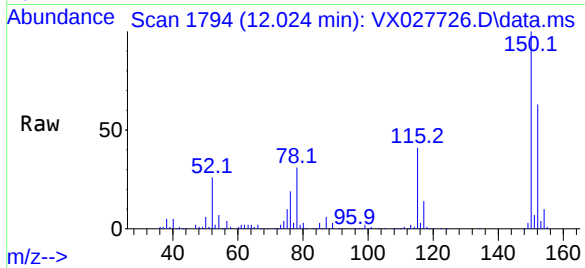
Tgt Ion:106 Resp: 75589
Ion Ratio Lower Upper
106 100
91 234.0 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

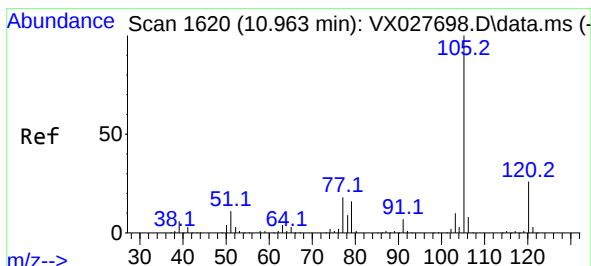
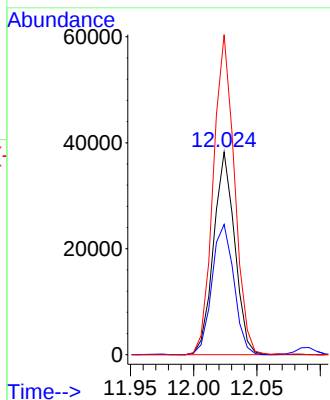
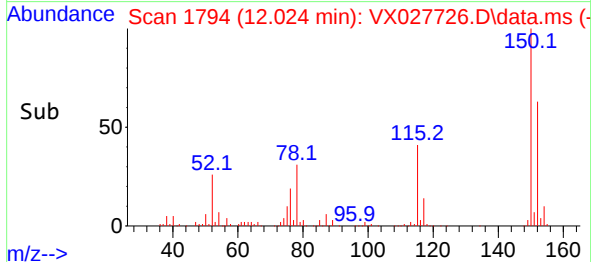
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL



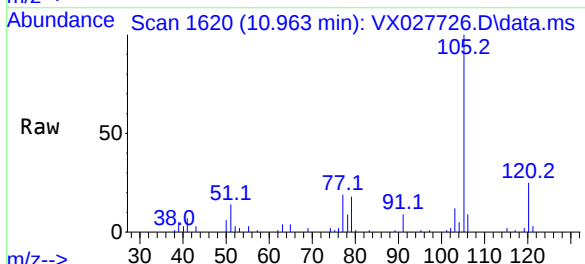
Tgt Ion:152 Resp: 4438
Ion Ratio Lower Upper
152 100
115 67.0 37.5 112.7
150 158.5 0.0 338.2

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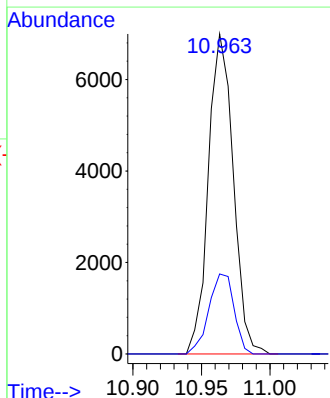
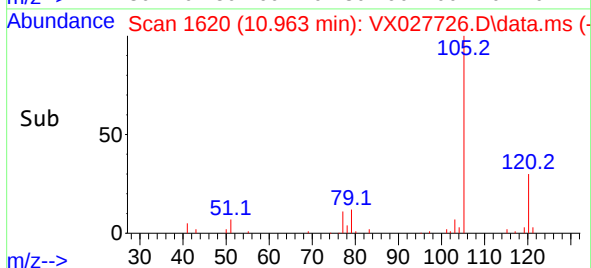
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

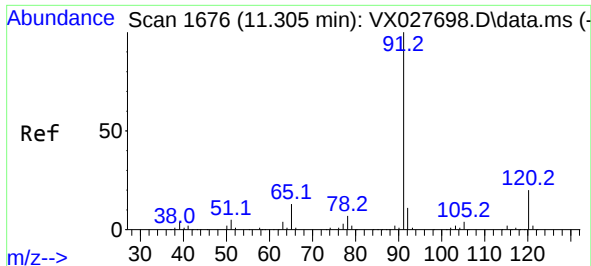


#73
Isopropylbenzene
Concen: 2.420 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52



Tgt Ion:105 Resp: 8823
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.5





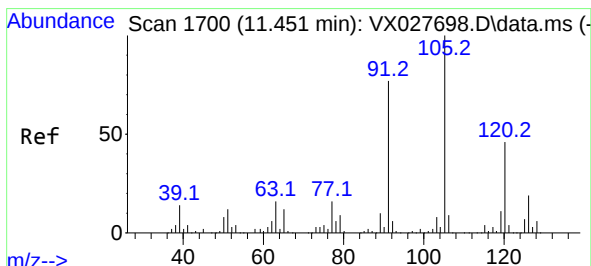
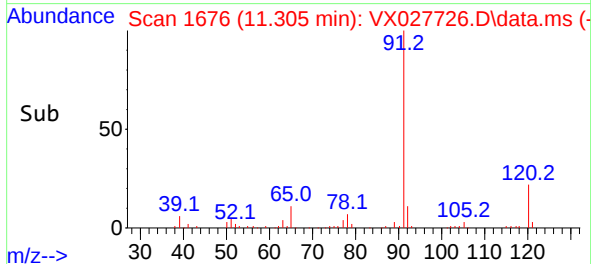
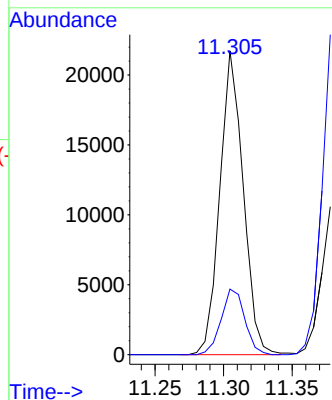
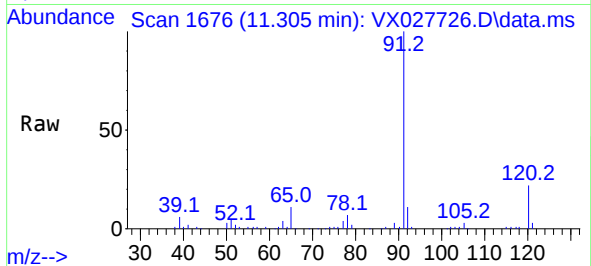
#78
n-propylbenzene
Concen: 5.946 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion: 91 Resp: 2571
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8

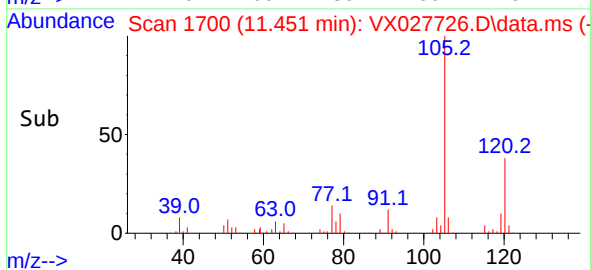
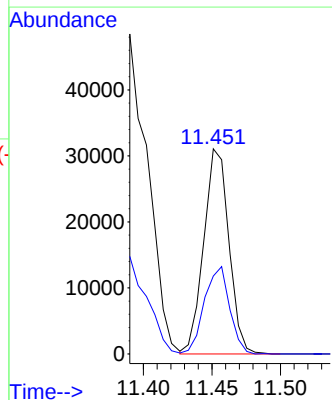
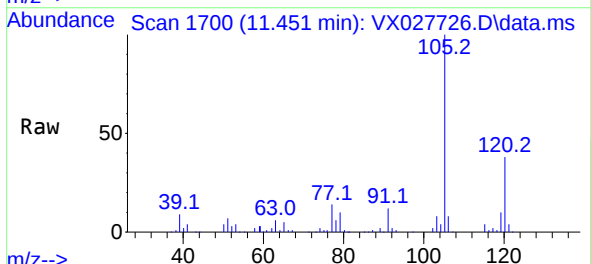
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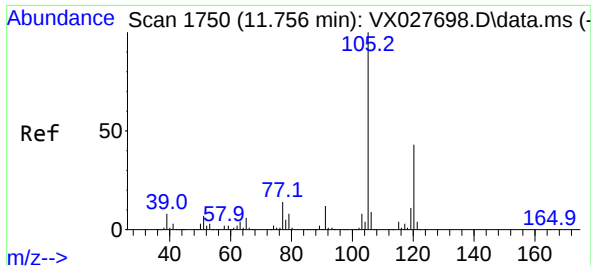
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 12.674 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

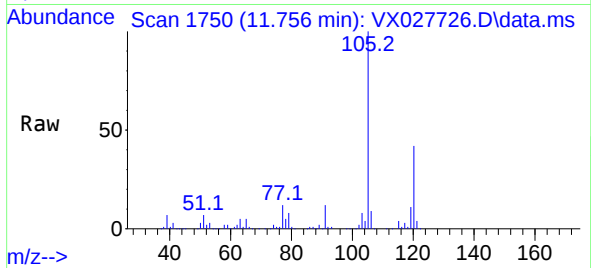
Tgt Ion:105 Resp: 39711
Ion Ratio Lower Upper
105 100
120 42.7 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 41.303 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

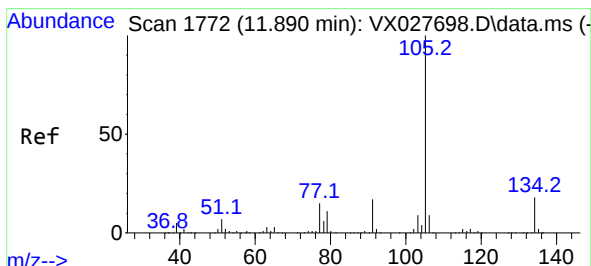
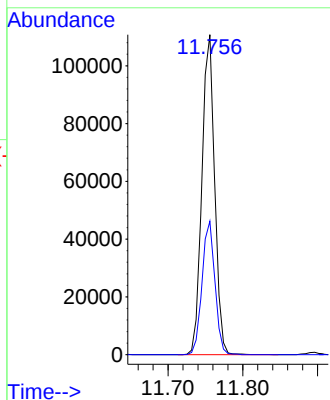
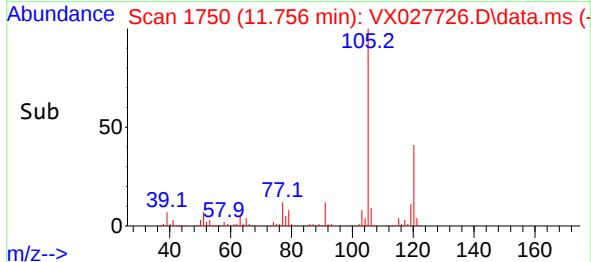
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL



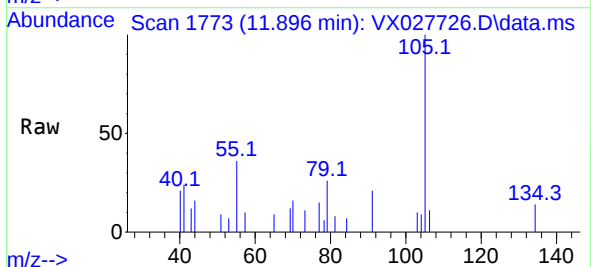
Tgt Ion:105 Resp: 131350
Ion Ratio Lower Upper
105 100
120 42.1 22.6 67.8

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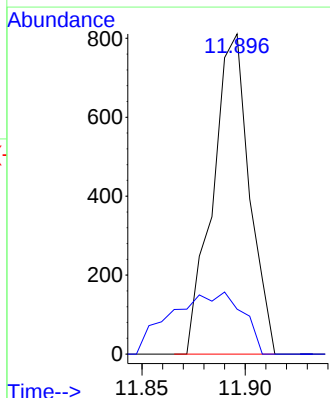
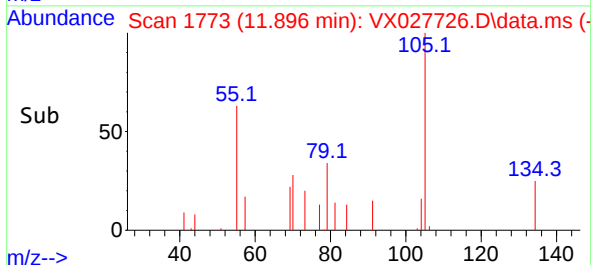
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

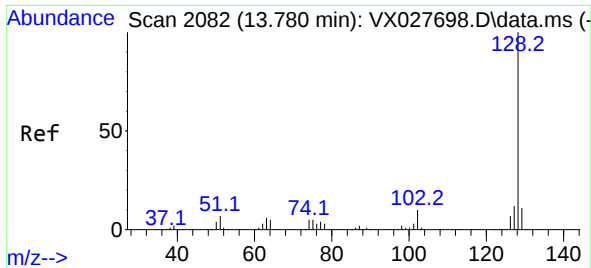


#85
sec-Butylbenzene
Concen: 0.266 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52



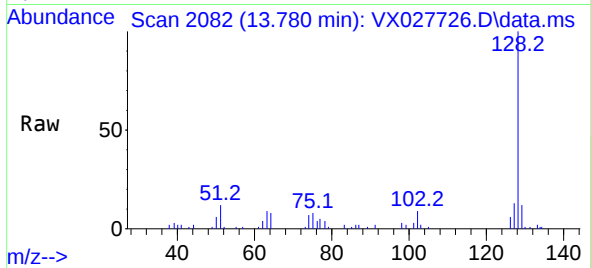
Tgt Ion:105 Resp: 1003
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 3.554 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL



Tgt Ion:128 Resp: 1123
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 12.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

