

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027355.D
 Acq On : 09 Mar 2022 17:27
 Operator : JC/MD
 Sample : N1815-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 10 00:35:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	397430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	639661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	599754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200641	43.292	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.580%		
35) Dibromofluoromethane	5.391	113	198560	48.107	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.220%		
50) Toluene-d8	8.653	98	768842	49.340	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.680%		
62) 4-Bromofluorobenzene	11.085	95	290183	48.861	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.720%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	2102	0.372	ug/l	91
11) Tert butyl alcohol	2.959	59	4983	5.484	ug/l #	72
16) Acetone	2.380	43	76912	40.397	ug/l	100
17) Carbon Disulfide	2.514	76	7219	0.690	ug/l	97
25) 2-Butanone	4.568	43	23587	7.388	ug/l	99
31) Cyclohexane	5.477	56	903394	139.352	ug/l	98
39) Methylcyclohexane	7.385	83	1059827	146.457	ug/l	98
40) Benzene	6.043	78	136812	7.838	ug/l	99
52) Toluene	8.720	92	65153	5.855	ug/l	98
67) Ethyl Benzene	10.195	91	22426024m	1030.601	ug/l	
68) m/p-Xylenes	10.305	106	108901m	12.759	ug/l	
69) o-Xylene	10.646	106	7761	0.921	ug/l	96
73) Isopropylbenzene	10.963	105	2160575	103.406	ug/l	99
78) n-propylbenzene	11.305	91	5165140	219.767	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	3219624	179.733	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	7106949	400.021	ug/l	92
85) sec-Butylbenzene	11.896	105	351821	16.291	ug/l	100
86) p-Isopropyltoluene	12.012	119	199548	10.914	ug/l	97
95) Naphthalene	13.780	128	13479799	626.332	ug/l #	84

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

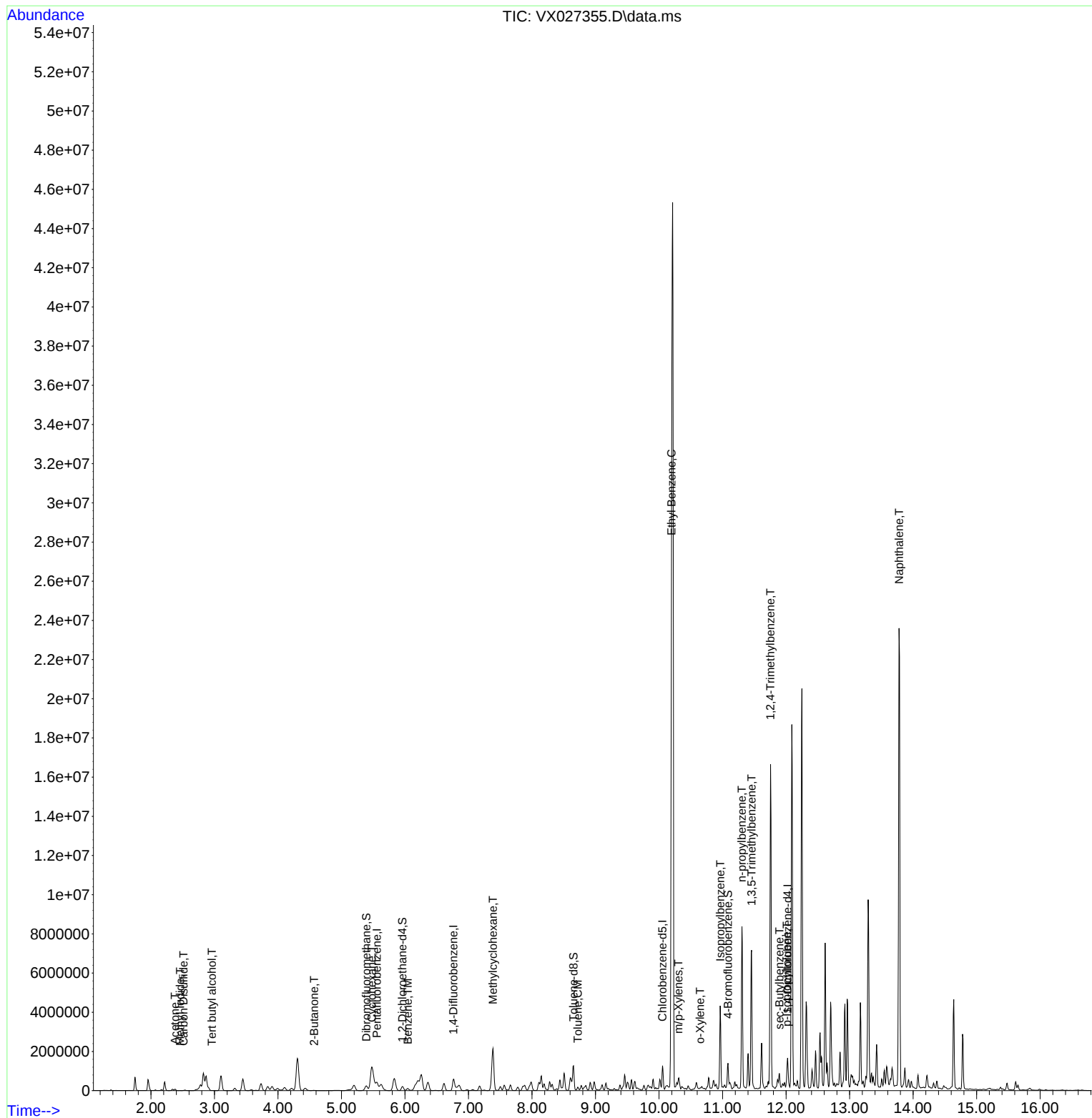
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
Data File : VX027355.D
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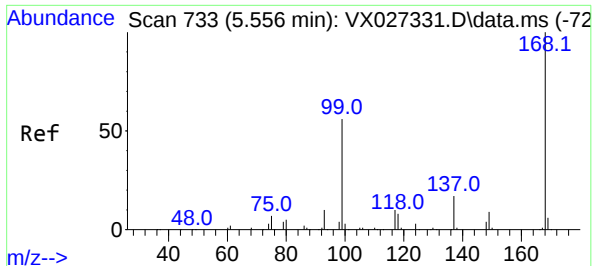
Instrument :
MSVOA_X
ClientSampleId :
PW-1

Quant Time: Mar 10 00:35:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

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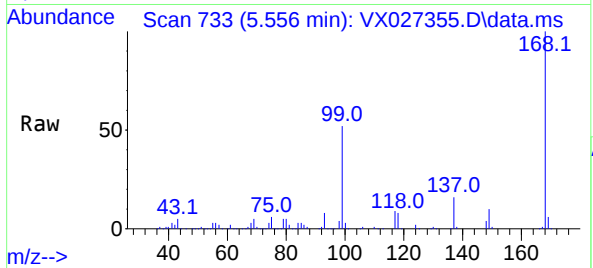
Reviewed By : John Carlone 03/10/2022
Supervised By : Mahesh Dadoda 03/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

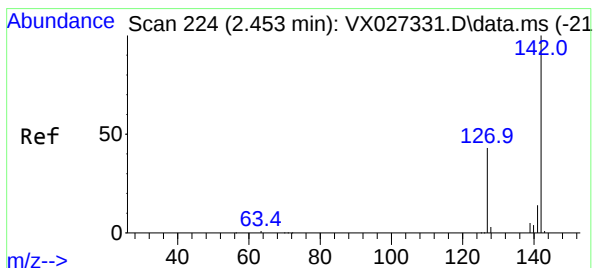
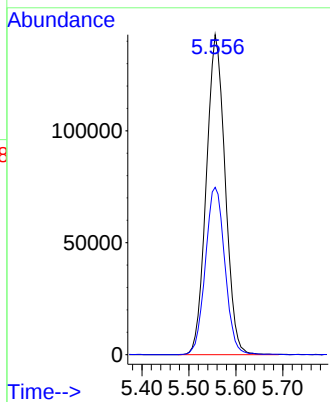
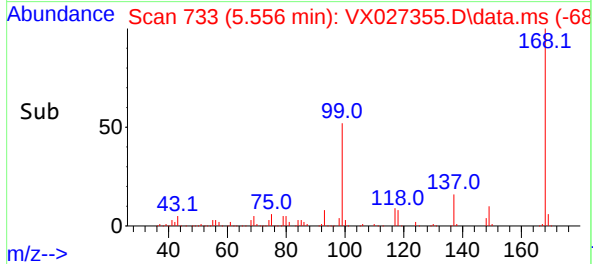
Instrument :
MSVOA_X
ClientSampleId :
PW-1



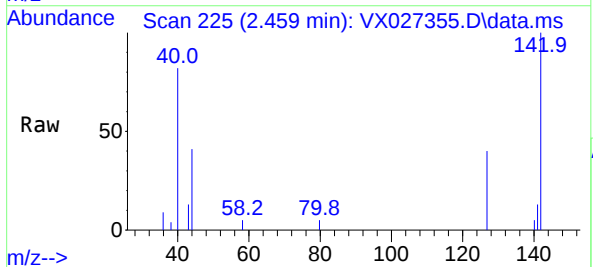
Tgt Ion:168 Resp: 397430
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5

Manual Integrations
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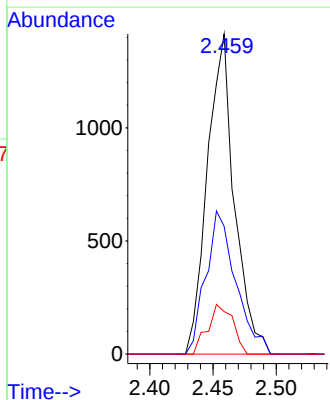
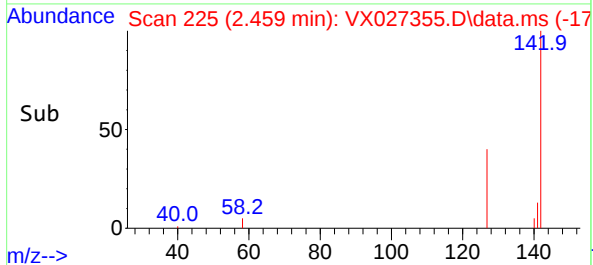
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

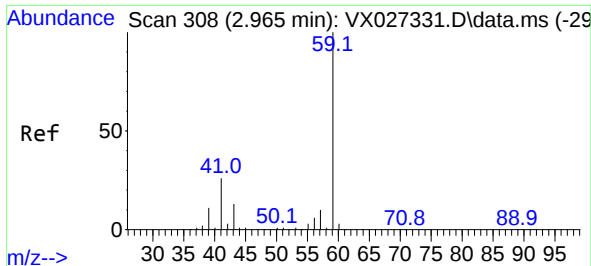


#10
Methyl Iodide
Concen: 0.372 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



Tgt Ion:142 Resp: 2102
Ion Ratio Lower Upper
142 100
127 49.7 33.9 50.9
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 5.484 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX027355.D

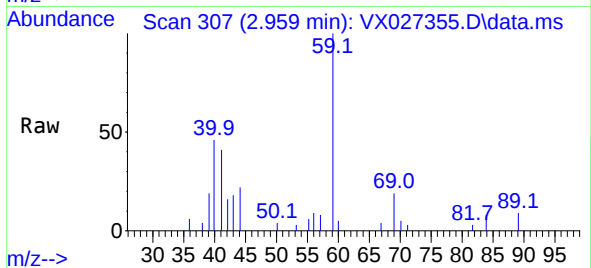
Acq: 09 Mar 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

PW-1



Tgt Ion: 59 Resp: 498

Ion Ratio Lower Upper

59 100

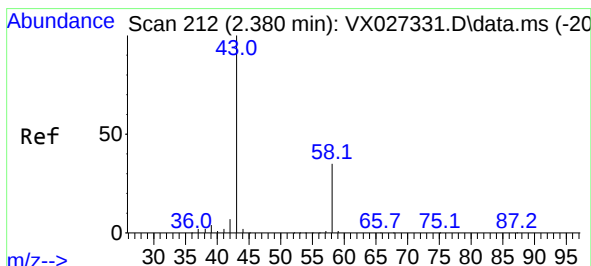
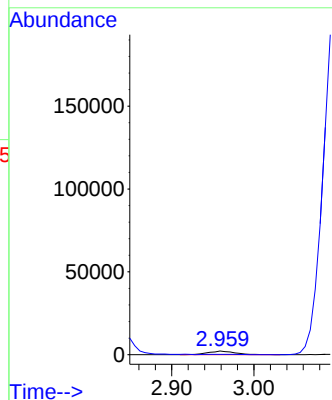
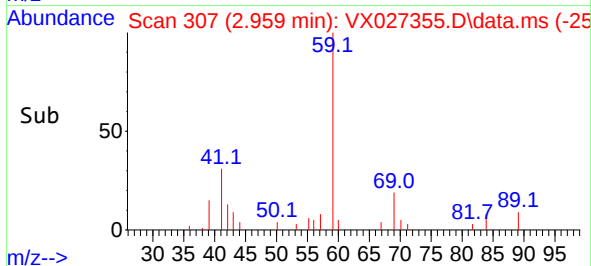
57 0.0 8.3 12.5

Manual Integrations

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#16

Acetone

Concen: 40.397 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027355.D

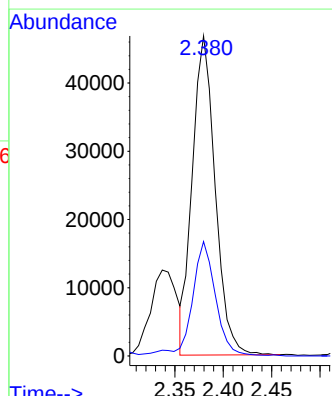
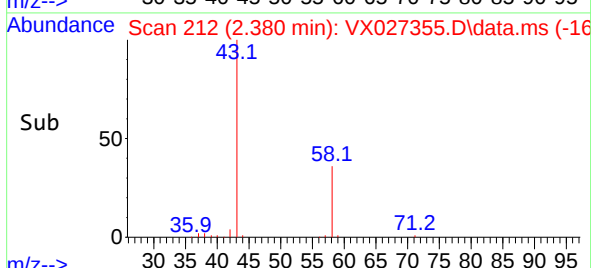
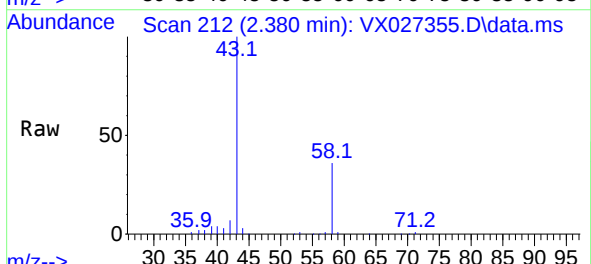
Acq: 09 Mar 2022 17:27

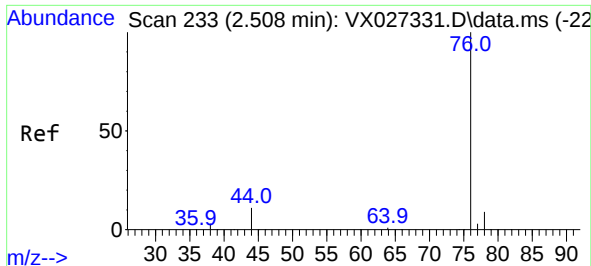
Tgt Ion: 43 Resp: 76912

Ion Ratio Lower Upper

43 100

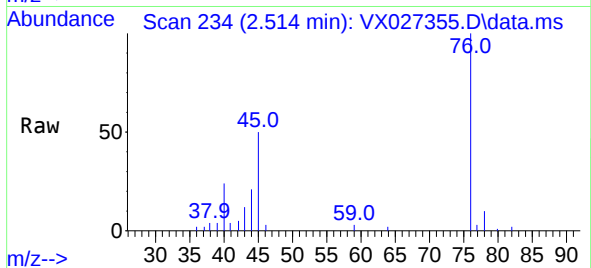
58 35.7 28.8 43.2





#17
Carbon Disulfide
Concen: 0.690 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

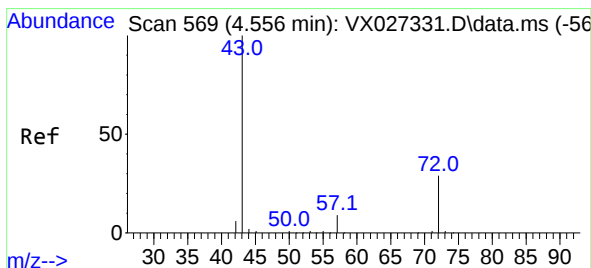
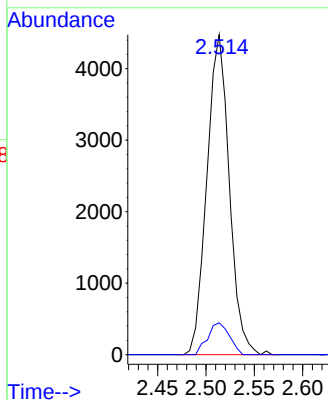
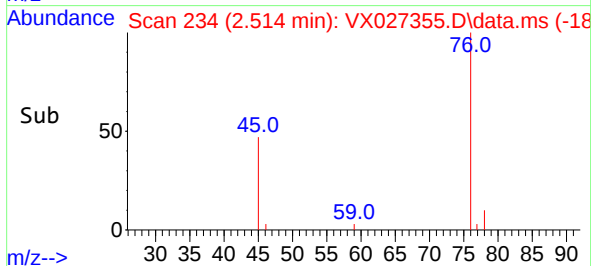
Instrument :
MSVOA_X
ClientSampleId :
PW-1



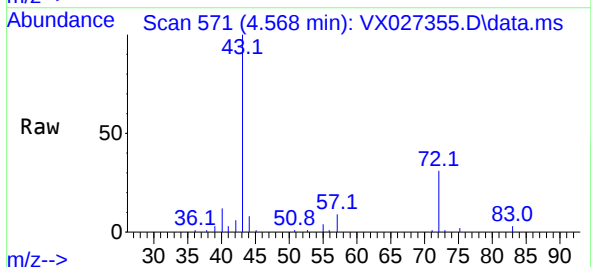
Tgt Ion: 76 Resp: 7219
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

Manual Integrations
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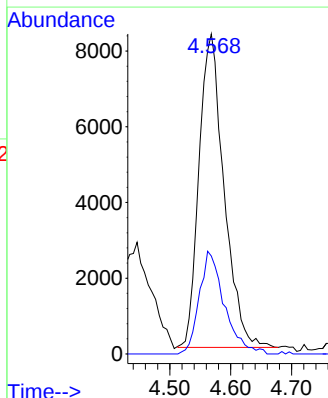
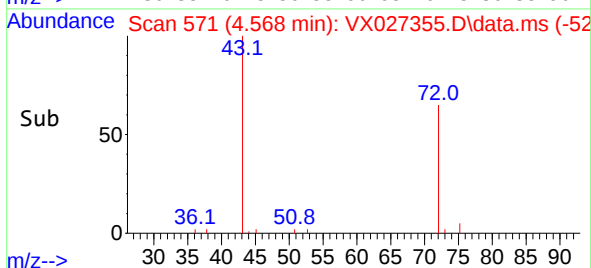
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

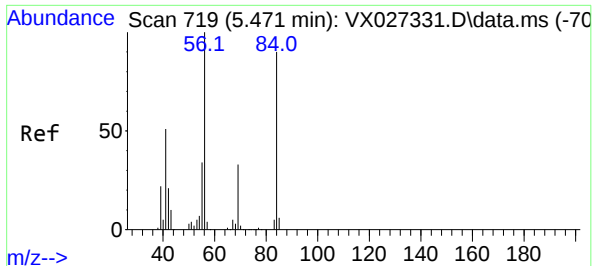


#25
2-Butanone
Concen: 7.388 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



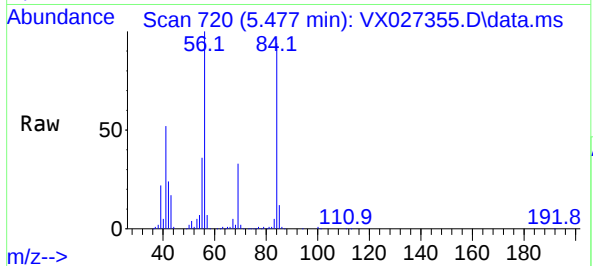
Tgt Ion: 43 Resp: 23587
Ion Ratio Lower Upper
43 100
72 31.2 24.4 36.6





#31
Cyclohexane
Concen: 139.352 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

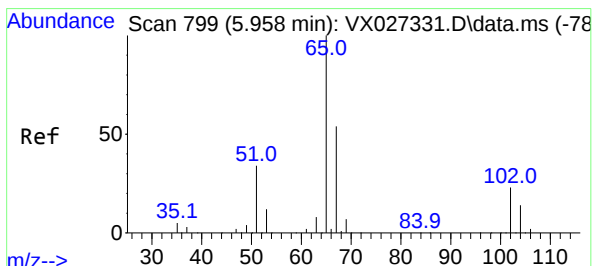
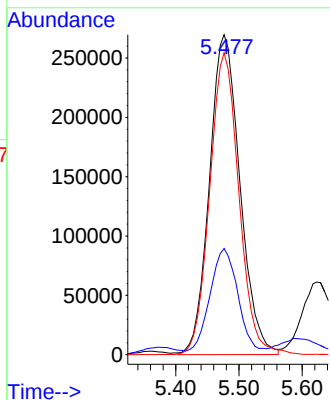
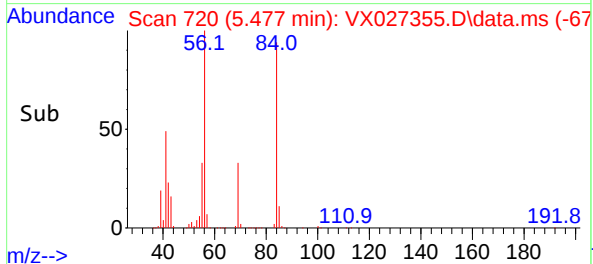
Instrument :
MSVOA_X
ClientSampleId :
PW-1



Tgt Ion: 56 Resp: 903394
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 94.6 77.2 115.8

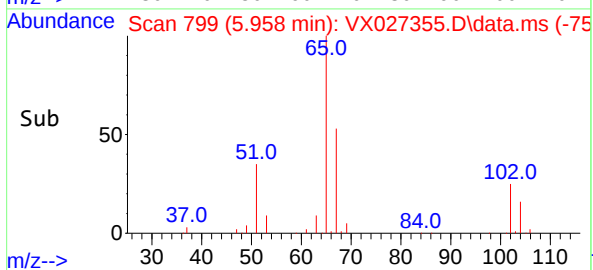
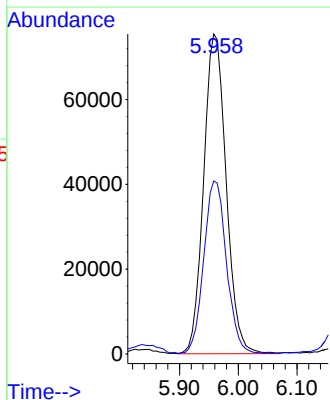
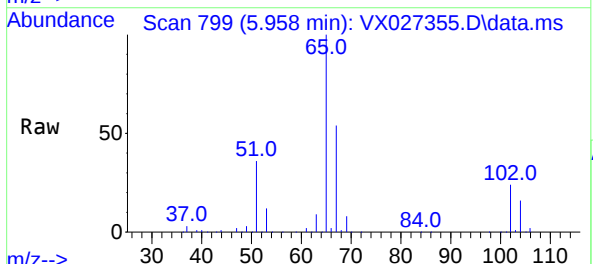
Manual Integrations
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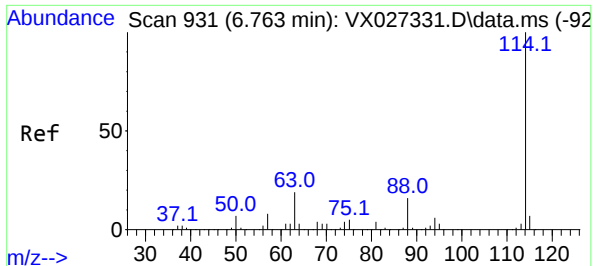
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#33
1,2-Dichloroethane-d4
Concen: 43.292 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

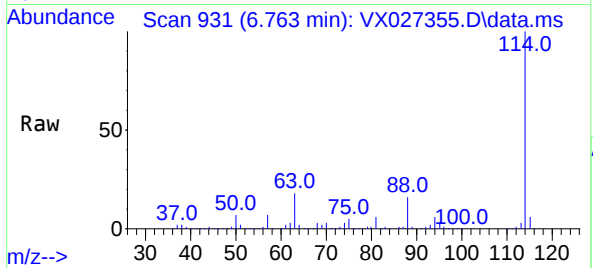
Tgt Ion: 65 Resp: 200641
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

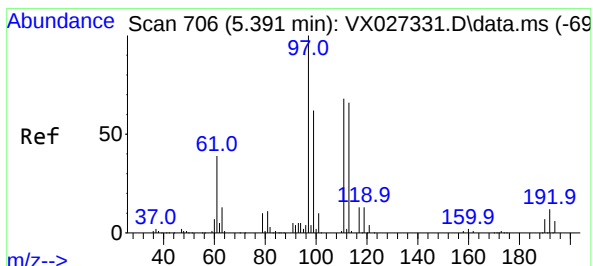
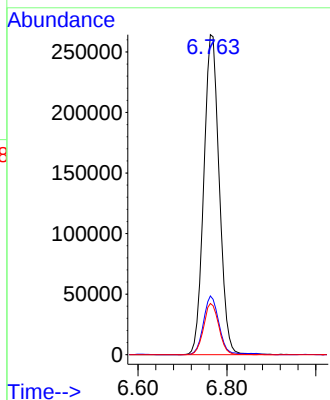
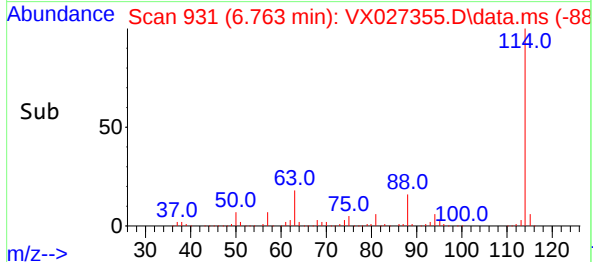
Instrument :
MSVOA_X
ClientSampleId :
PW-1



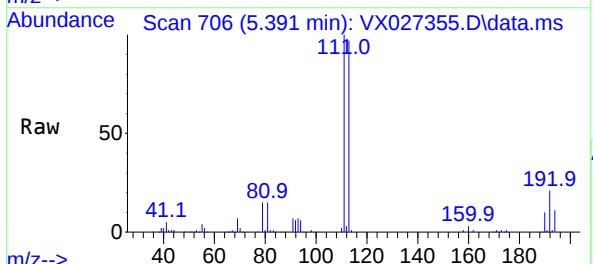
Tgt Ion:114 Resp: 63966
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 16.0 0.0 32.4

Manual Integrations
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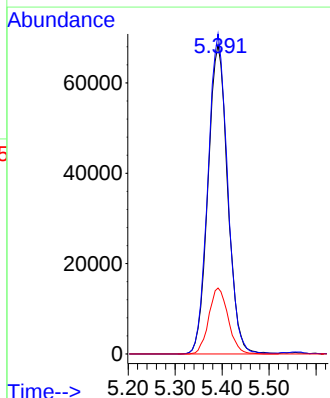
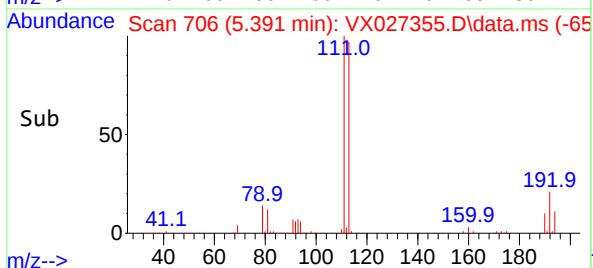
Reviewed By :John Carlone 03/10/2022
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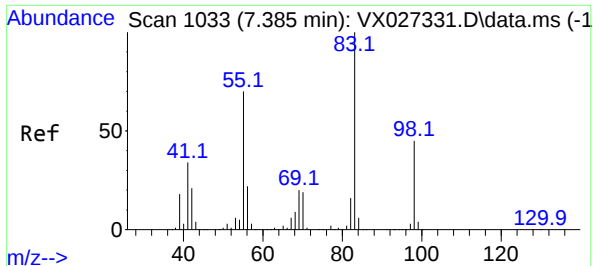


#35
Dibromofluoromethane
Concen: 48.107 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



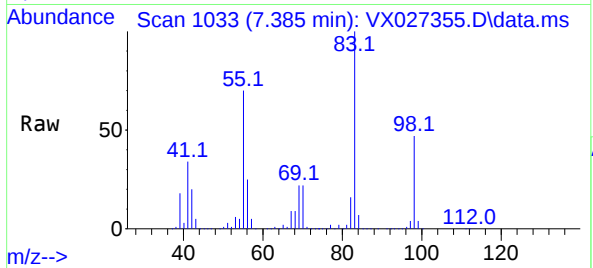
Tgt Ion:113 Resp: 198560
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 21.0 16.9 25.3





#39
Methylcyclohexane
Concen: 146.457 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

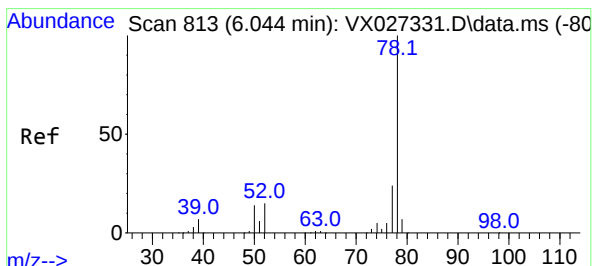
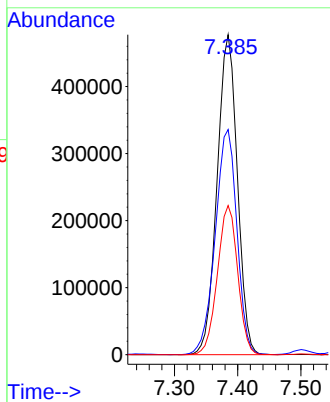
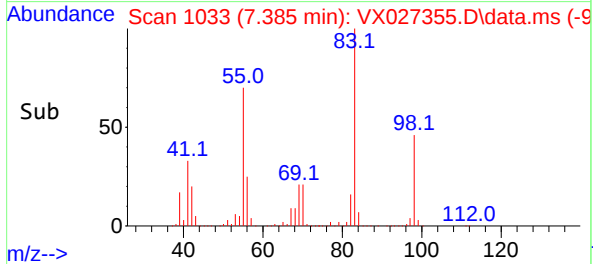
Instrument :
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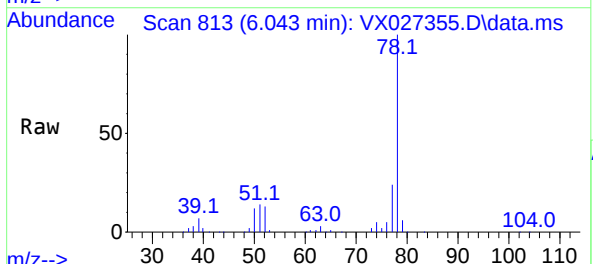
Tgt Ion: 83 Resp: 105982
Ion Ratio Lower Upper
83 100
55 70.3 54.6 81.8
98 46.6 37.4 56.2

Manual Integrations
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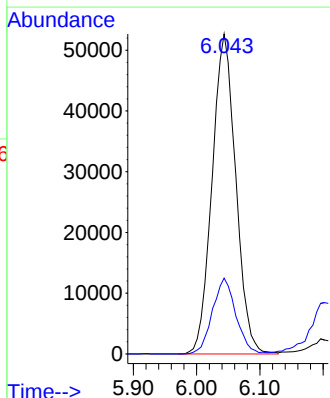
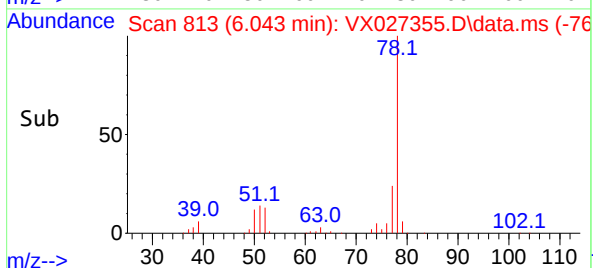
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

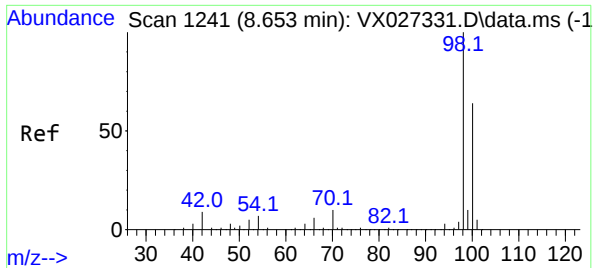


#40
Benzene
Concen: 7.838 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



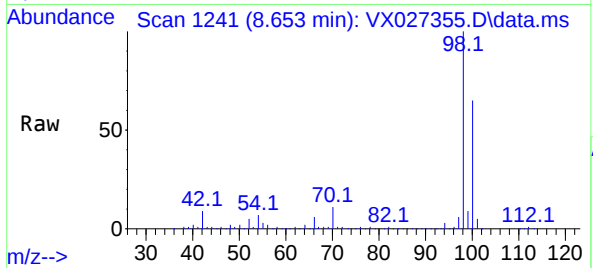
Tgt Ion: 78 Resp: 136812
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#50
Toluene-d8
Concen: 49.340 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

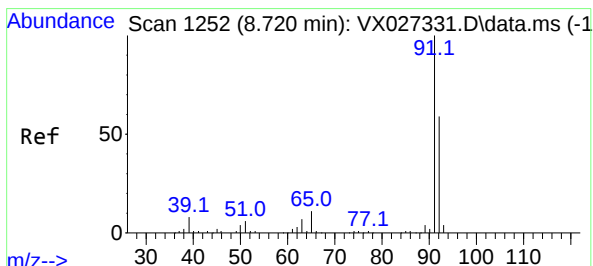
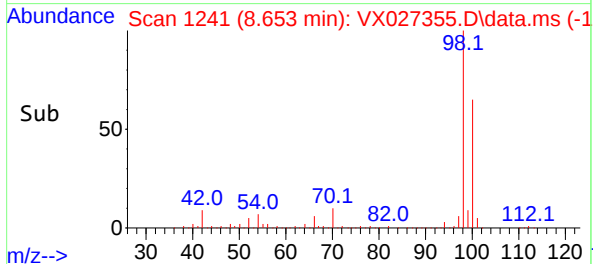
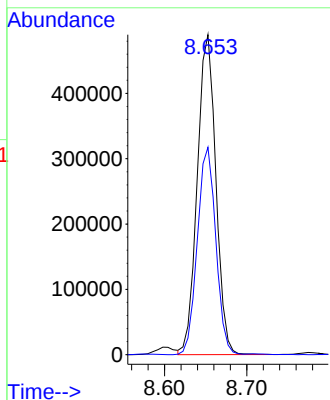
Instrument :
MSVOA_X
ClientSampleId :
PW-1



Tgt Ion: 98 Resp: 76884
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

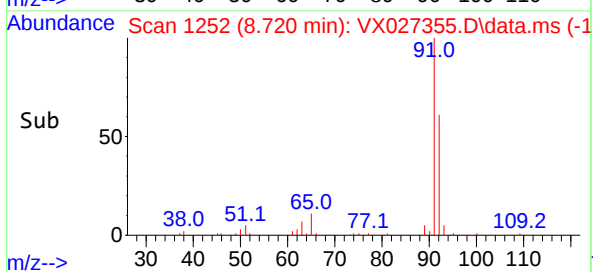
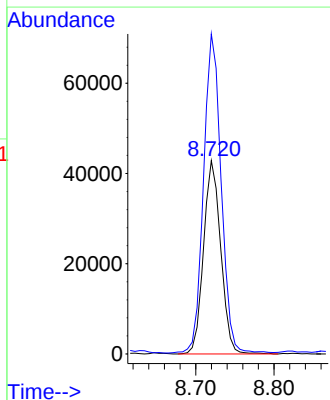
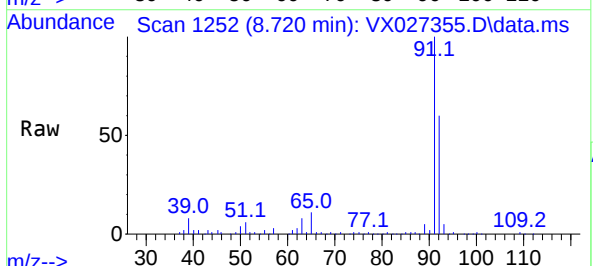
Manual Integrations
APPROVED

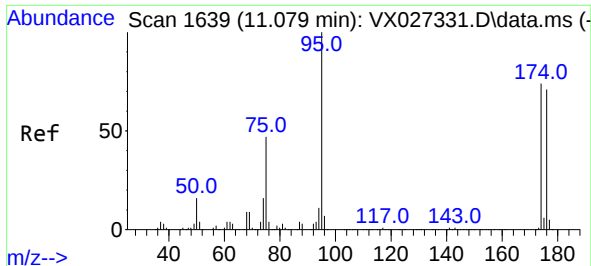
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#52
Toluene
Concen: 5.855 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

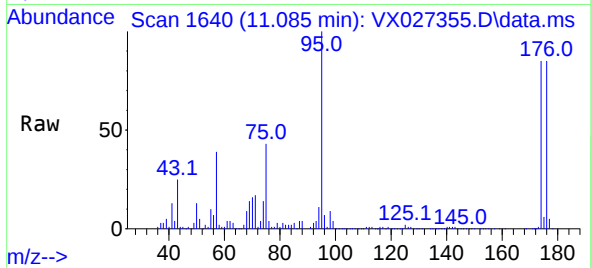
Tgt Ion: 92 Resp: 65153
Ion Ratio Lower Upper
92 100
91 168.9 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 48.861 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

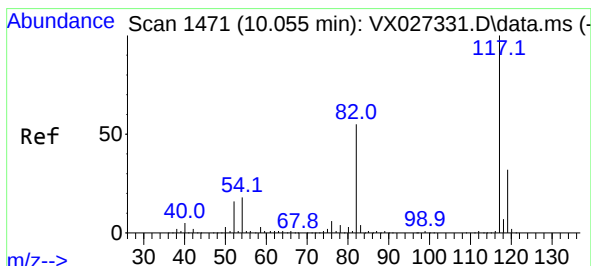
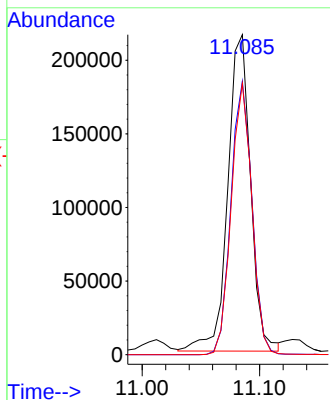
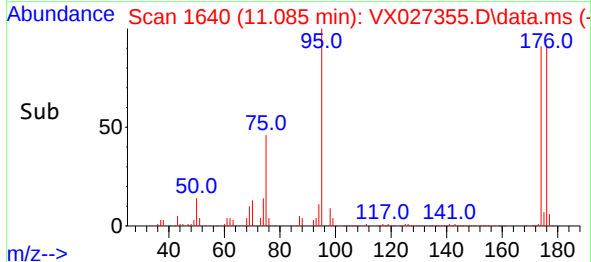
Instrument :
MSVOA_X
ClientSampleId :
PW-1



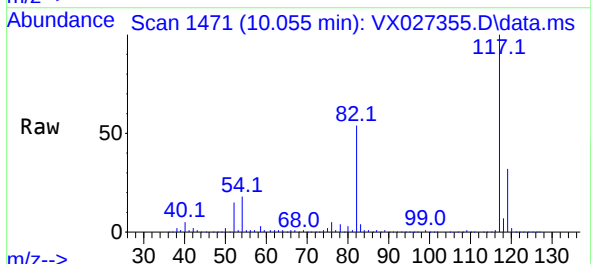
Tgt Ion: 95 Resp: 29018
Ion Ratio Lower Upper
95 100
174 79.6 0.0 163.0
176 77.7 0.0 155.0

Manual Integrations
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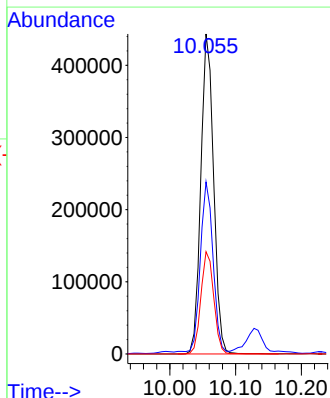
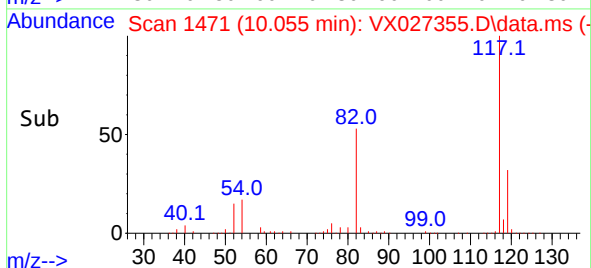
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

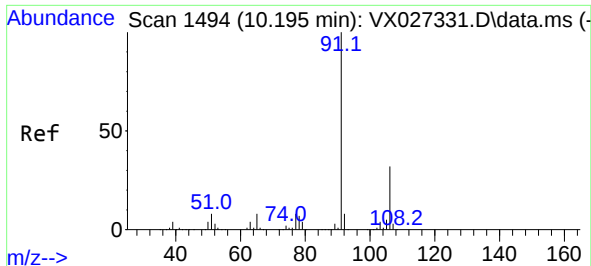


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



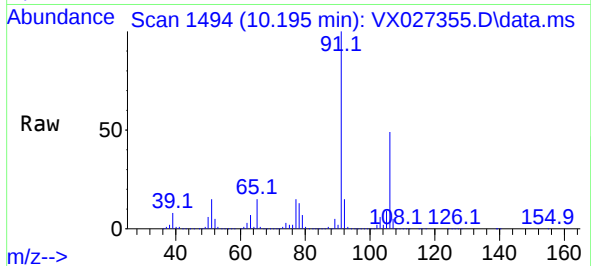
Tgt Ion:117 Resp: 599754
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.9 24.8 37.2





#67
Ethyl Benzene
Concen: 1030.601 ug/l m
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

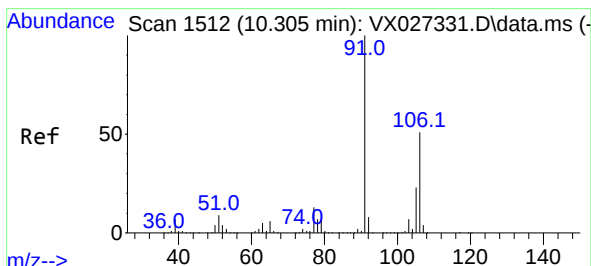
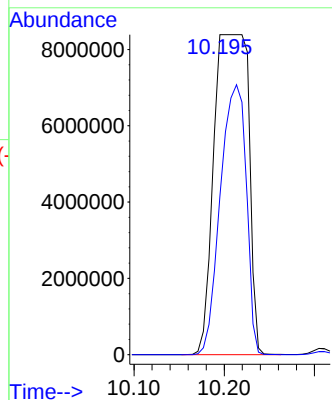
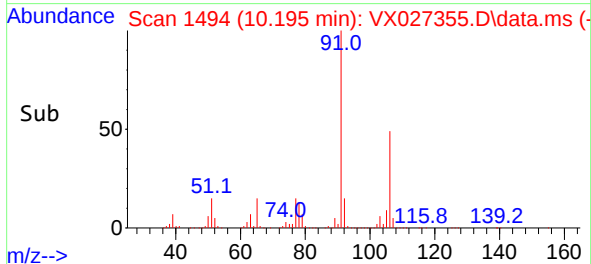
Instrument :
MSVOA_X
ClientSampleId :
PW-1



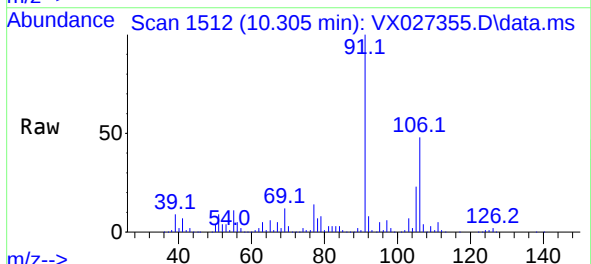
Tgt Ion: 91 Resp: 22426024
Ion Ratio Lower Upper
91 100
106 49.4 24.6 36.8

Manual Integrations
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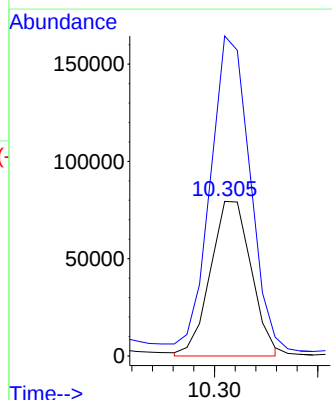
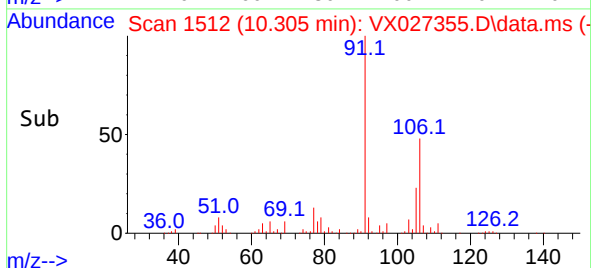
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

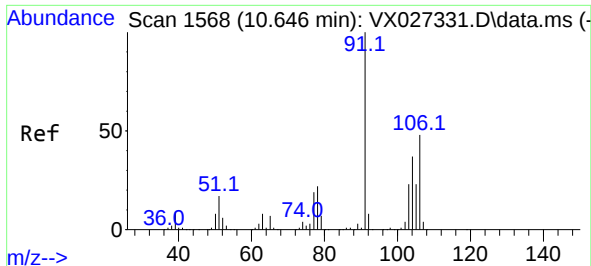


#68
m/p-Xylenes
Concen: 12.759 ug/l m
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



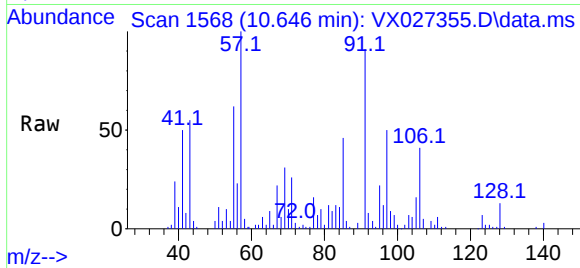
Tgt Ion: 106 Resp: 108901
Ion Ratio Lower Upper
106 100
91 0.0 160.4 240.6#





#69
o-Xylene
Concen: 0.921 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

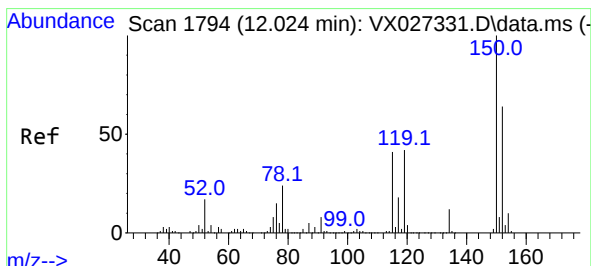
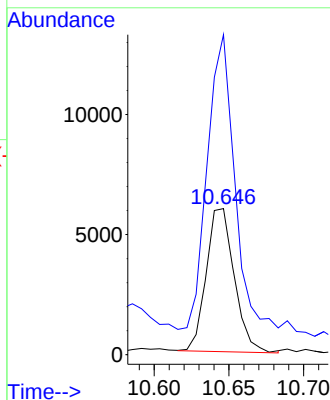
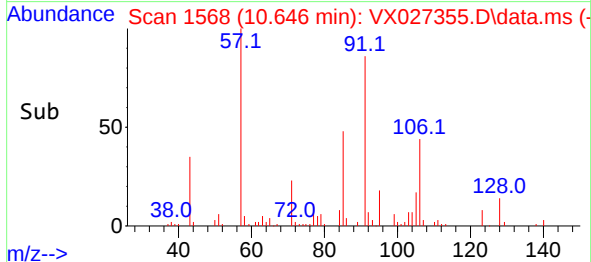
Instrument :
MSVOA_X
ClientSampleId :
PW-1



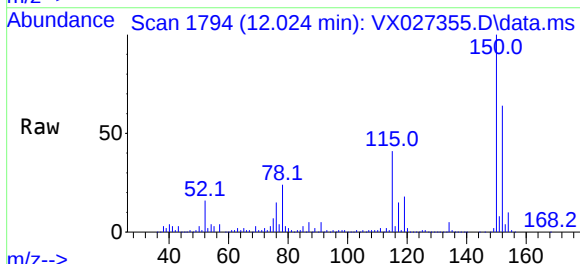
Tgt Ion:106 Resp: 776
Ion Ratio Lower Upper
106 100
91 218.3 106.1 318.1

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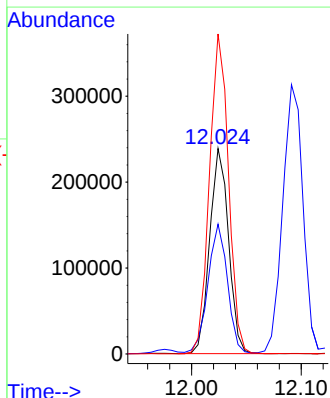
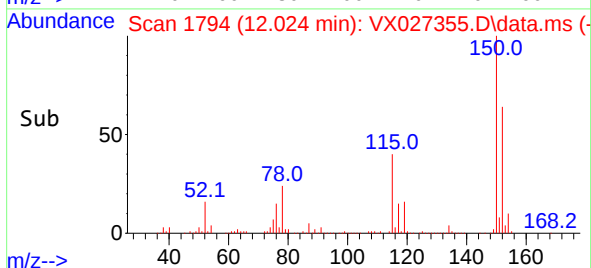
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

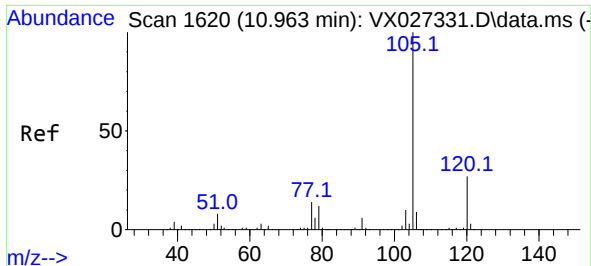


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



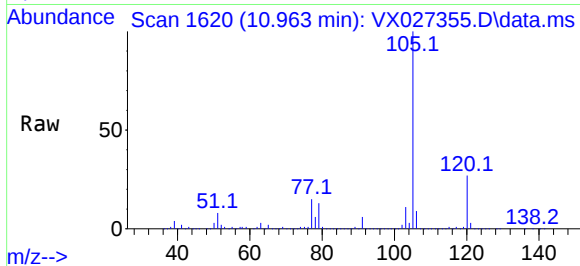
Tgt Ion:152 Resp: 285689
Ion Ratio Lower Upper
152 100
115 63.9 37.5 112.7
150 157.2 0.0 338.2





#73
Isopropylbenzene
Concen: 103.406 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

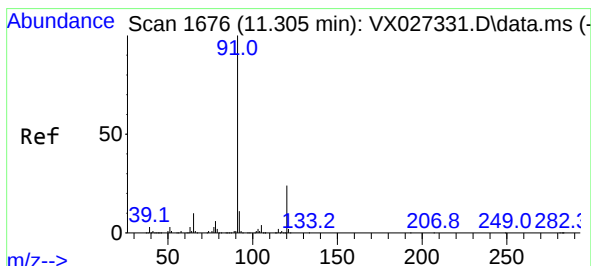
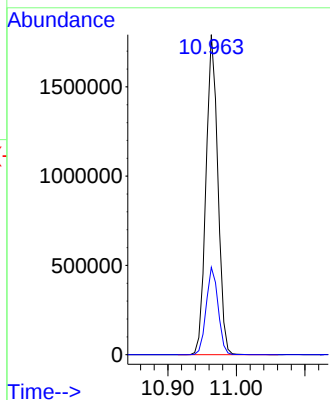
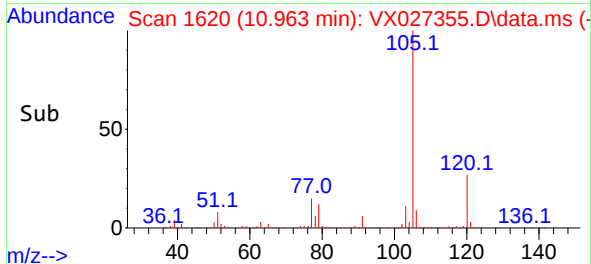
Instrument :
MSVOA_X
ClientSampleId :
PW-1



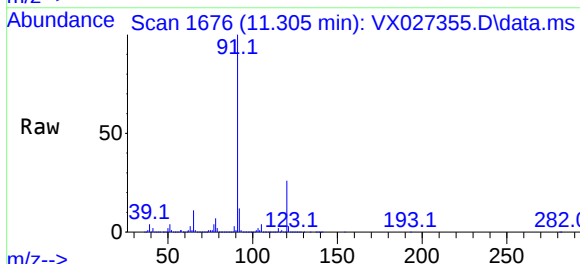
Tgt Ion:105 Resp: 216057
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

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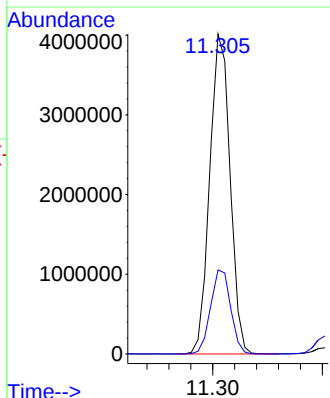
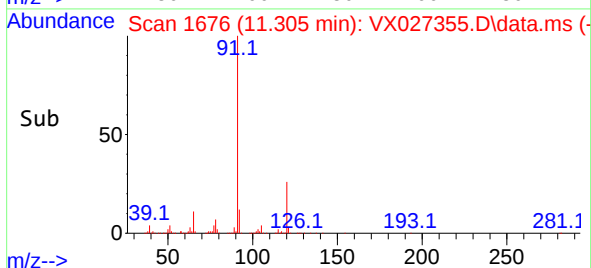
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

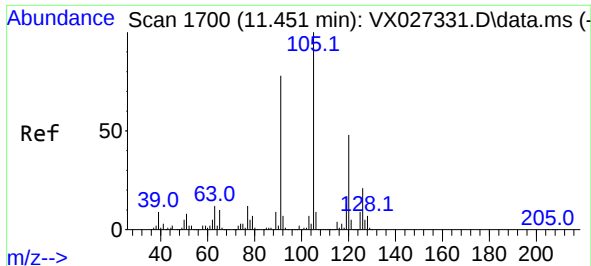


#78
n-propylbenzene
Concen: 219.767 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27



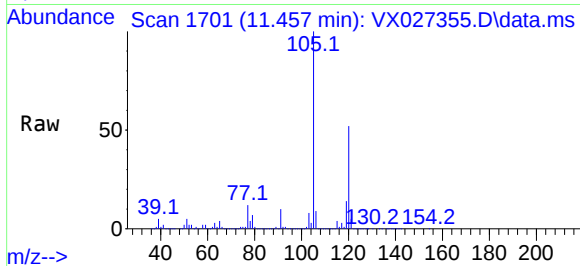
Tgt Ion: 91 Resp: 5165140
Ion Ratio Lower Upper
91 100
120 26.0 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 179.733 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

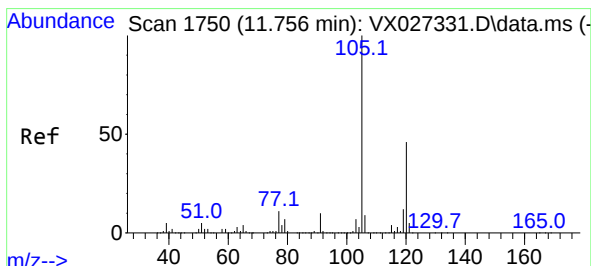
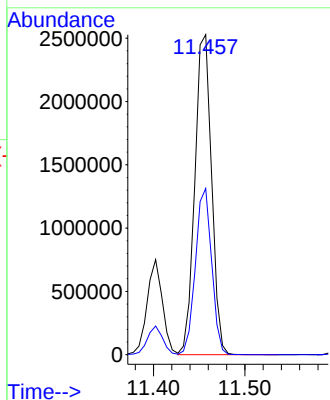
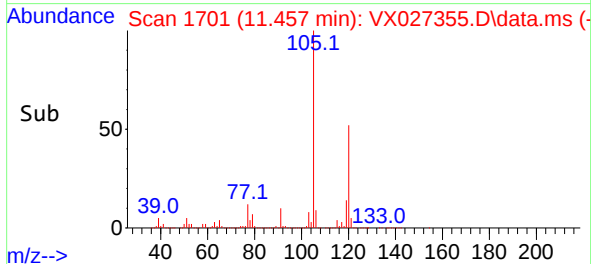
Instrument :
MSVOA_X
ClientSampleId :
PW-1



Tgt Ion:105 Resp: 3219624
Ion Ratio Lower Upper
105 100
120 50.3 24.3 72.9

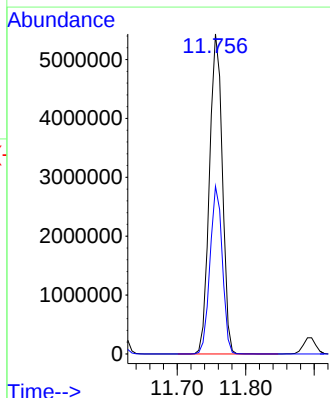
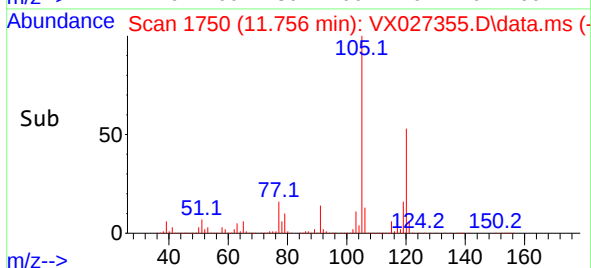
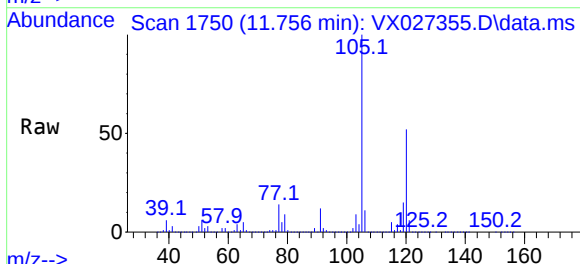
Manual Integrations
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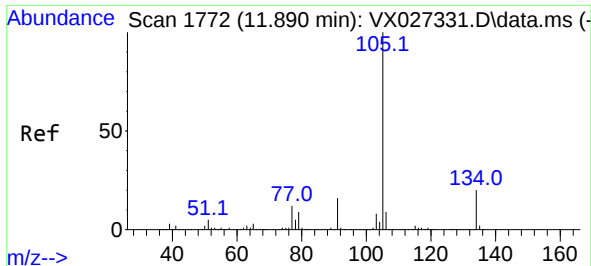
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 400.021 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

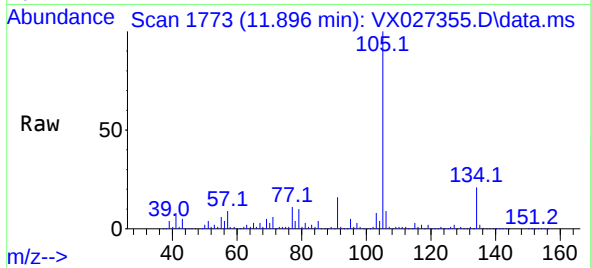
Tgt Ion:105 Resp: 7106949
Ion Ratio Lower Upper
105 100
120 50.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 16.291 ug/l
 RT: 11.896 min Scan# 11896
 Delta R.T. 0.006 min
 Lab File: VX027355.D
 Acq: 09 Mar 2022 17:27

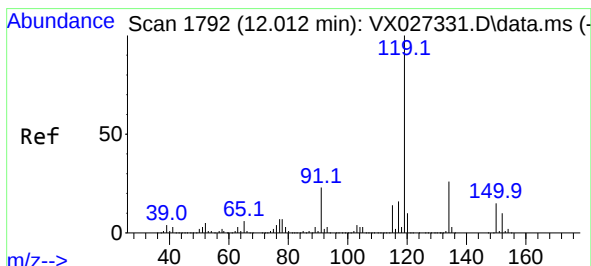
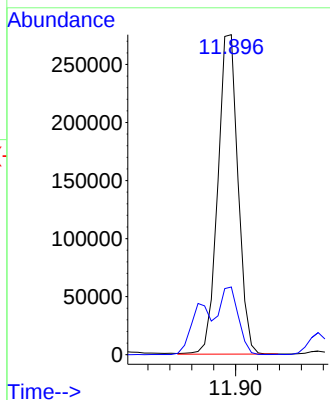
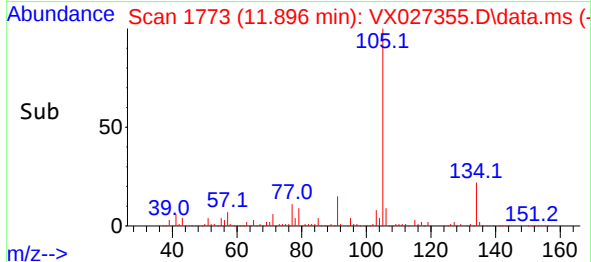
Instrument :
 MSVOA_X
 ClientSampleId :
 PW-1



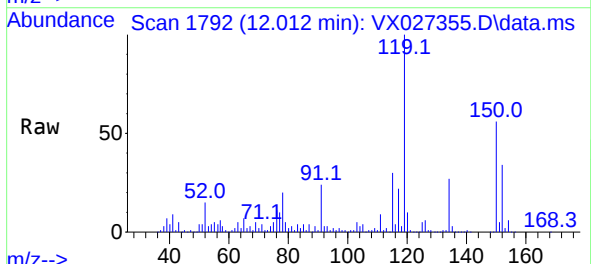
Tgt Ion:105 Resp: 35182
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
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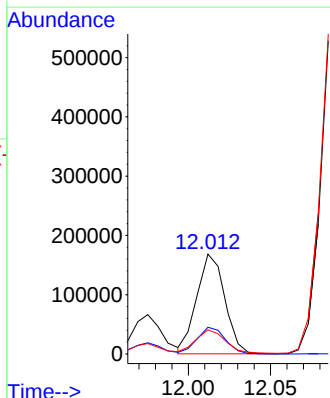
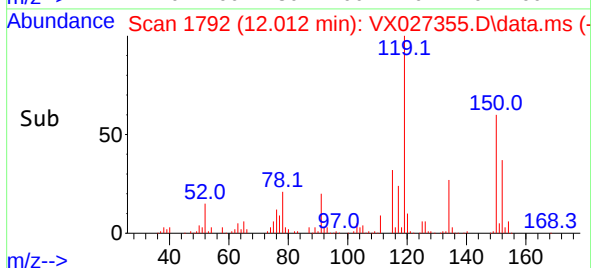
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/11/2022

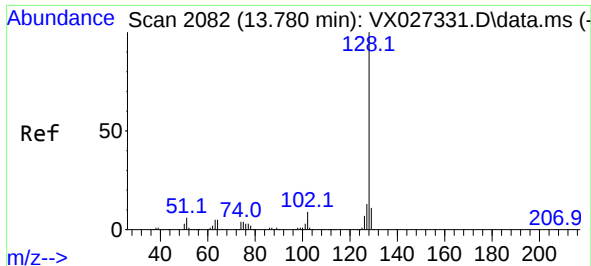


#86
 p-Isopropyltoluene
 Concen: 10.914 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027355.D
 Acq: 09 Mar 2022 17:27



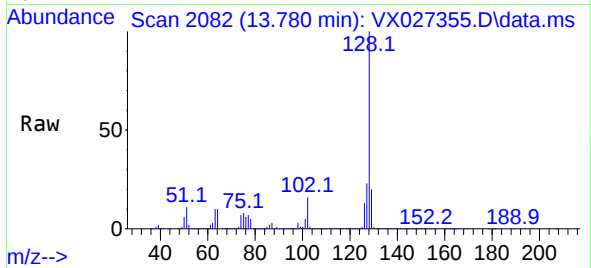
Tgt Ion:119 Resp: 199548
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 24.7 11.3 33.9





#95
Naphthalene
Concen: 626.332 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027355.D
Acq: 09 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
PW-1



Tgt Ion:128 Resp:13479799
Ion Ratio Lower Upper
128 100
127 19.1 10.2 15.4
129 16.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022

