

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027758.D
 Acq On : 28 Mar 2022 18:29
 Operator : JC/MD
 Sample : N2123-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Time: Mar 29 05:40:57 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 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	67418	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106224	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60617	54.820	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.640%			
35) Dibromofluoromethane	5.391	113	41104	51.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.840%			
50) Toluene-d8	8.653	98	150181	48.597	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.200%			
62) 4-Bromofluorobenzene	11.079	95	60407	48.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.340%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	2358	11.453	ug/l	# 84
16) Acetone	2.379	43	24070	51.471	ug/l	90
20) Methylene Chloride	2.788	84	3427	4.107	ug/l	# 84
25) 2-Butanone	4.562	43	6497	8.651	ug/l	90
39) Methylcyclohexane	7.379	83	582	0.401	ug/l	91
40) Benzene	6.037	78	1129	0.324	ug/l	# 76
52) Toluene	8.726	92	2079	0.953	ug/l	93
67) Ethyl Benzene	10.195	91	26715	6.409	ug/l	96
68) m/p-Xylenes	10.299	106	7209	4.772	ug/l	82
69) o-Xylene	10.646	106	7471	4.921	ug/l	79
73) Isopropylbenzene	10.963	105	6178	1.596	ug/l	92
78) n-propylbenzene	11.305	91	1809	0.394	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	3950	1.187	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	21833	6.465	ug/l	93
86) p-Isopropyltoluene	12.012	119	3856m	1.224	ug/l	
95) Naphthalene	13.780	128	376464	112.168	ug/l	99

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

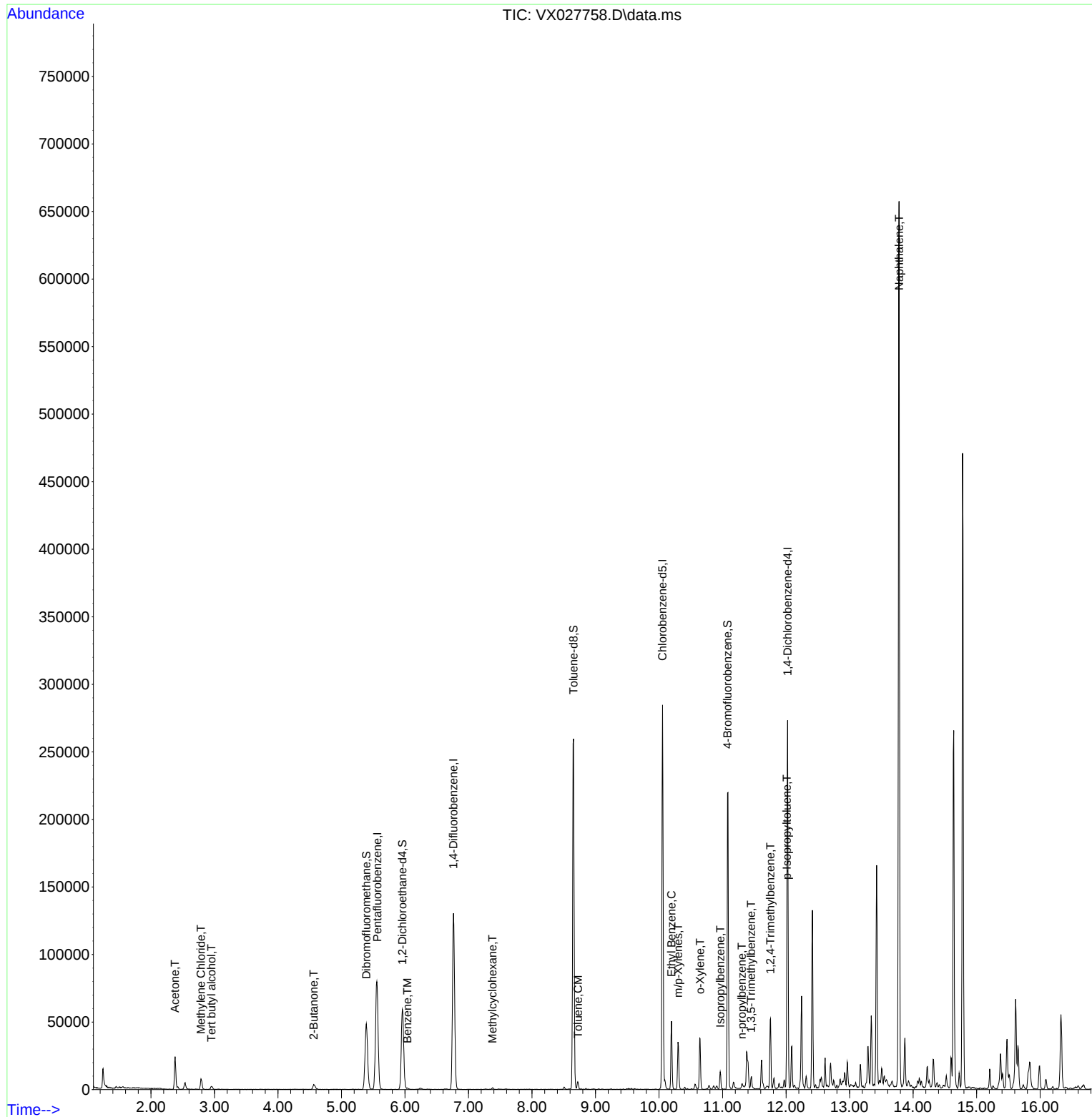
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
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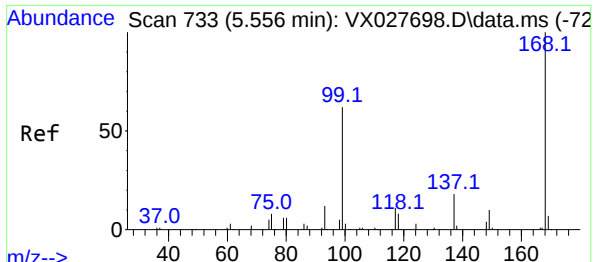
Instrument :
MSVOA_X
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Time: Mar 29 05:40:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
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APPROVED

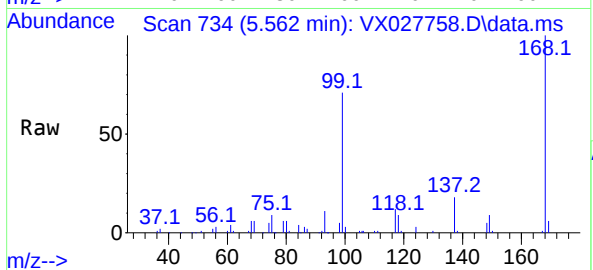
Reviewed By : John Carlone 03/29/2022
Supervised By : Mahesh Dadoda 03/29/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

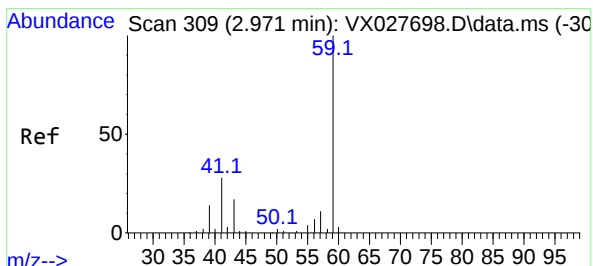
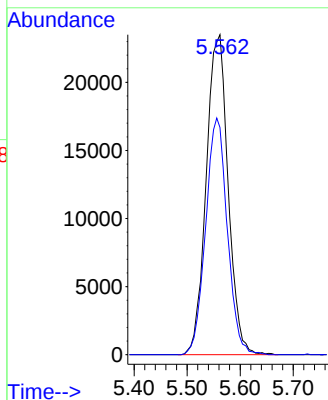
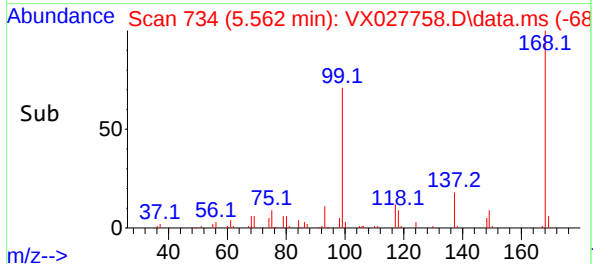
Instrument :
MSVOA_X
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



Tgt Ion:168 Resp: 67418
Ion Ratio Lower Upper
168 100
99 71.0 41.7 62.5

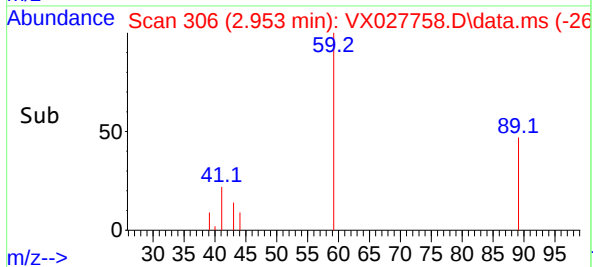
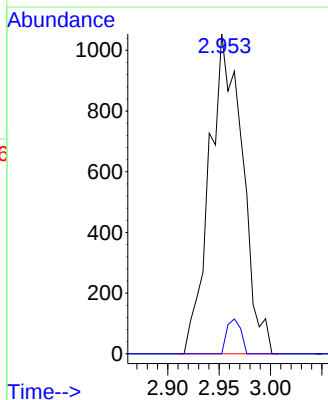
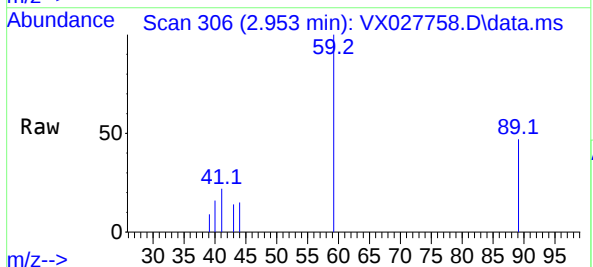
Manual Integrations
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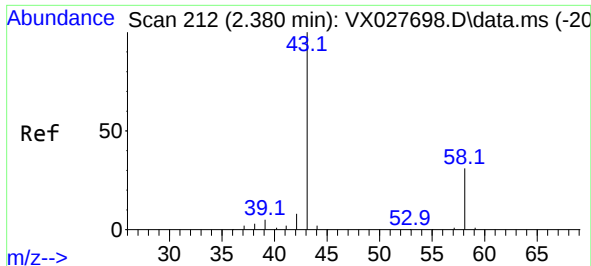
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#11
Tert butyl alcohol
Concen: 11.453 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Tgt Ion: 59 Resp: 2358
Ion Ratio Lower Upper
59 100
57 4.6 8.3 12.5





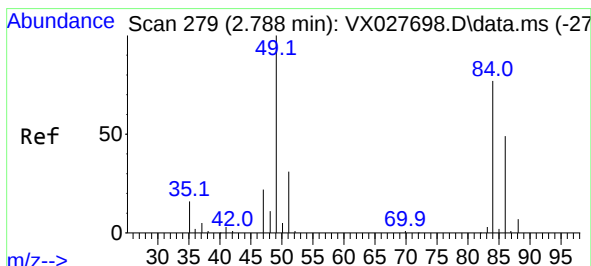
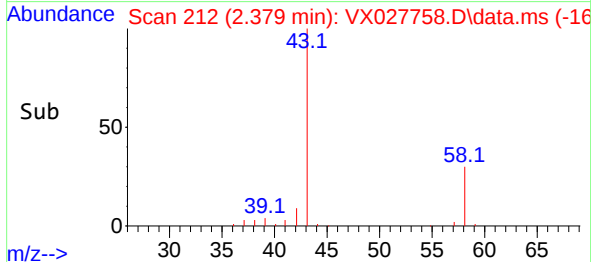
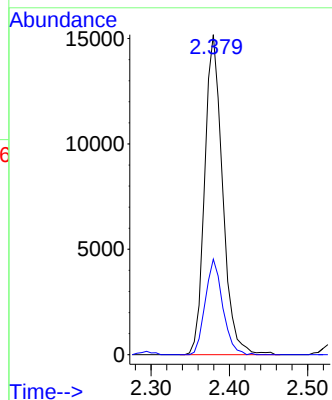
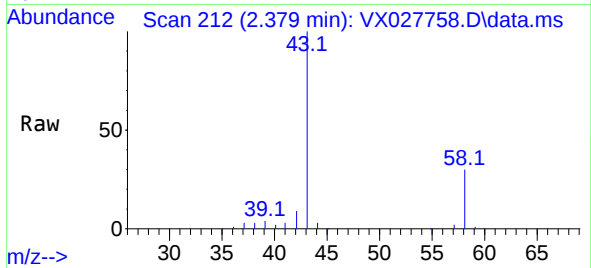
#16
Acetone
Concen: 51.471 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Instrument : MSVOA_X
Client Sample Id : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion: 43 Resp: 24070
Ion Ratio Lower Upper
43 100
58 29.9 28.8 43.2

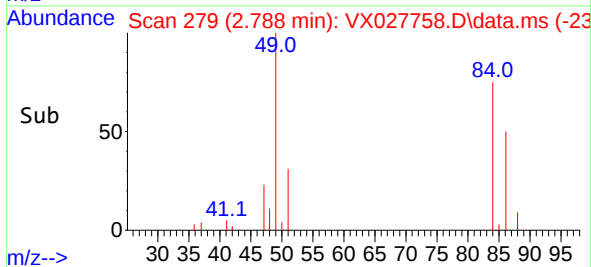
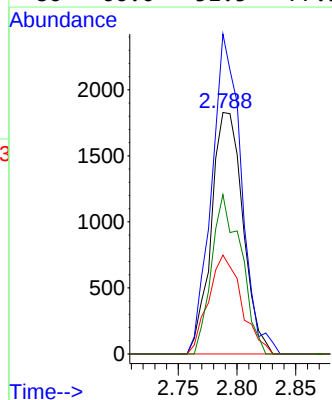
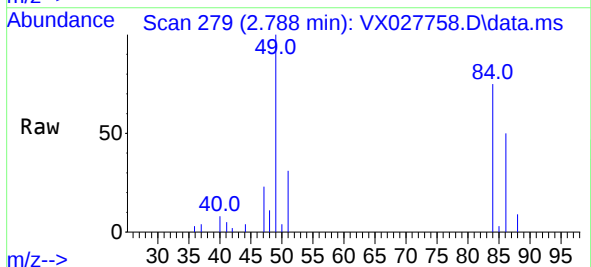
Manual Integrations
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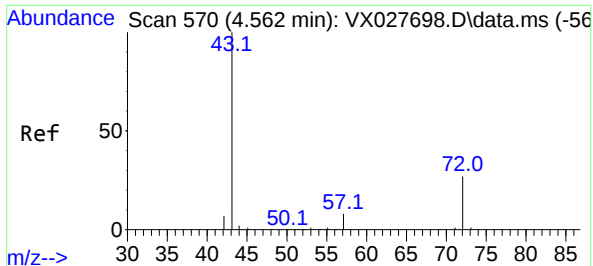
Reviewed By : John Carlone 03/29/2022
Supervised By : Mahesh Dadoda 03/29/2022



#20
Methylene Chloride
Concen: 4.107 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Tgt Ion: 84 Resp: 3427
Ion Ratio Lower Upper
84 100
49 132.5 85.5 128.3#
51 40.9 26.6 39.8#
86 66.0 51.5 77.3





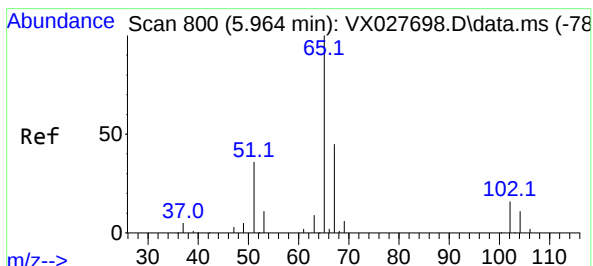
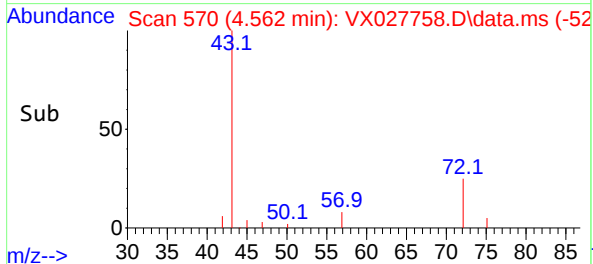
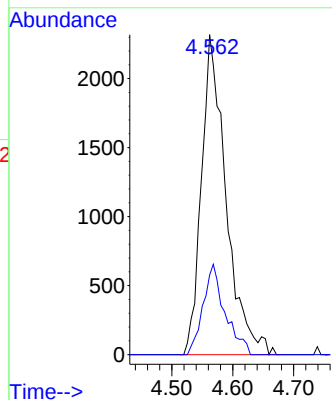
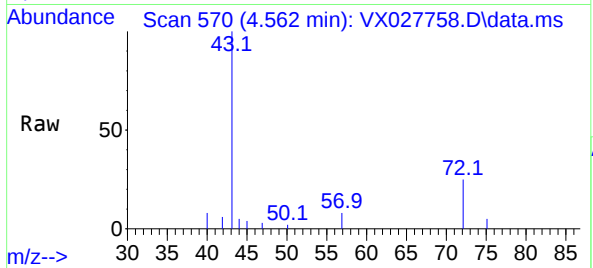
#25
2-Butanone
Concen: 8.651 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
72 24.9 24.4 36.6

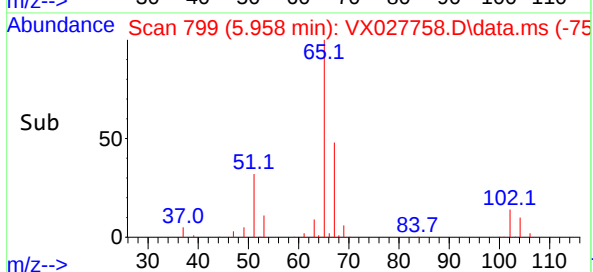
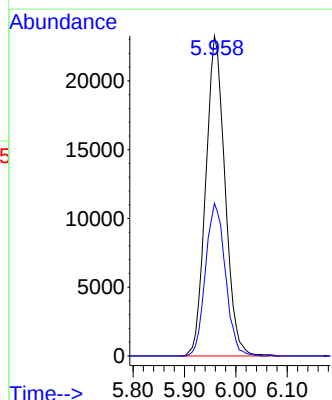
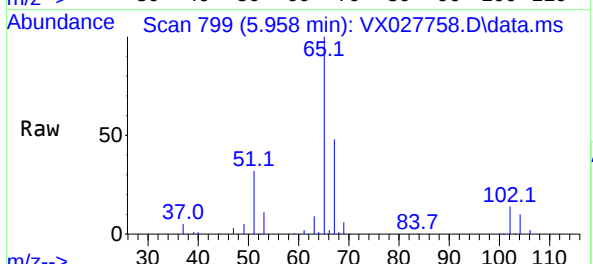
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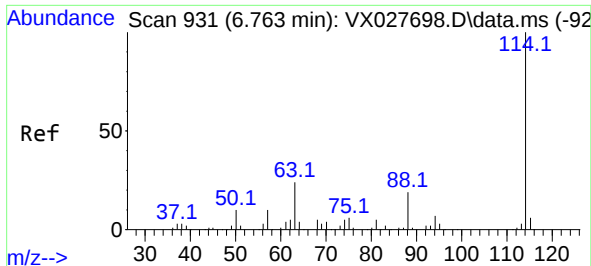
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#33
1,2-Dichloroethane-d4
Concen: 54.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

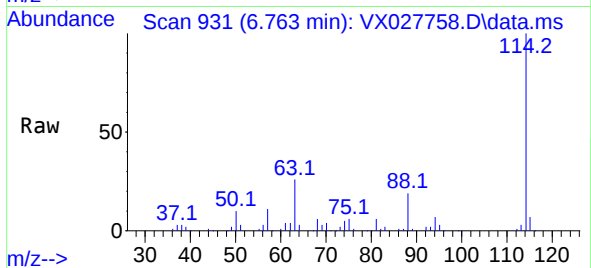
Tgt Ion: 65 Resp: 60617
Ion Ratio Lower Upper
65 100
67 49.2 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

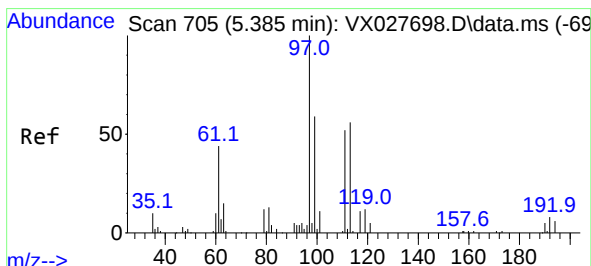
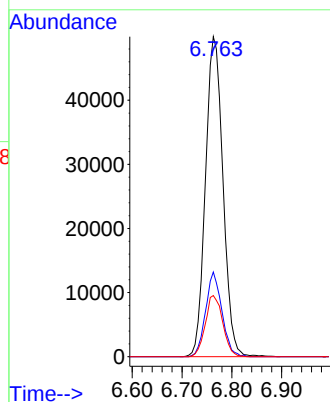
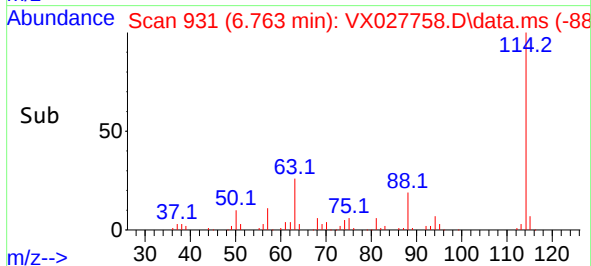
Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



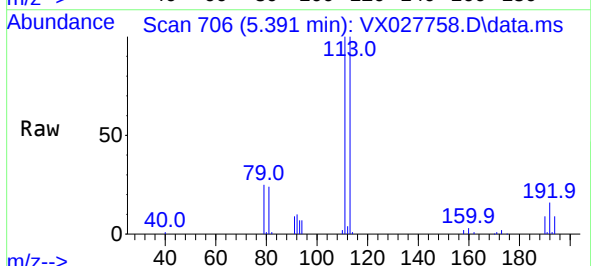
Tgt Ion:114 Resp: 12173
Ion Ratio Lower Upper
114 100
63 26.5 0.0 36.8
88 19.1 0.0 32.4

Manual Integrations
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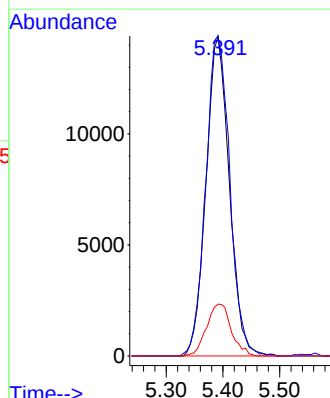
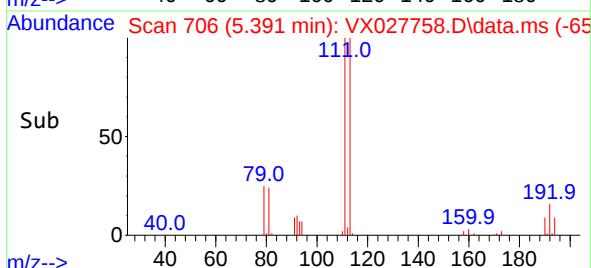
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

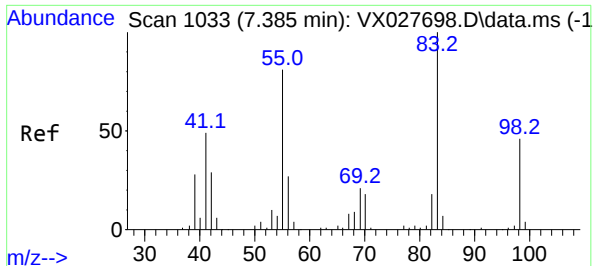


#35
Dibromofluoromethane
Concen: 51.416 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29



Tgt Ion:113 Resp: 41104
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 17.2 16.9 25.3





#39

Methylcyclohexane

Concen: 0.401 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027758.D

Acq: 28 Mar 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

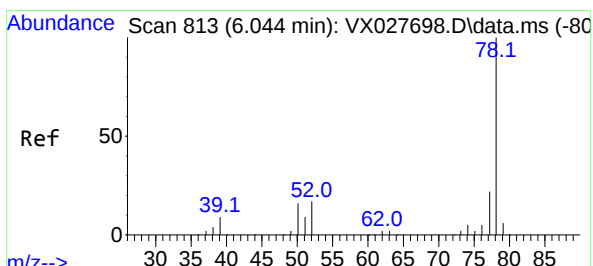
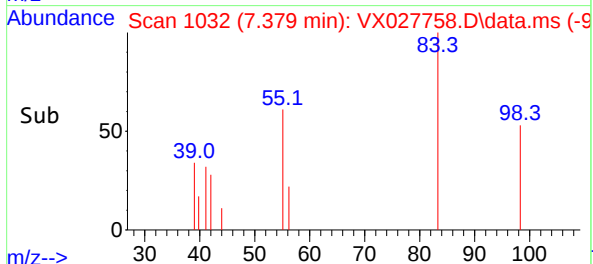
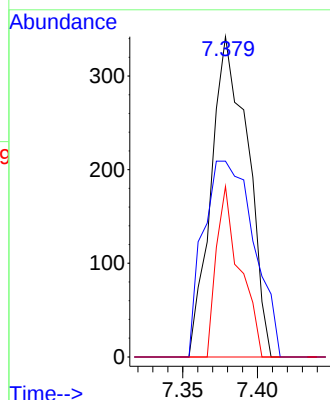
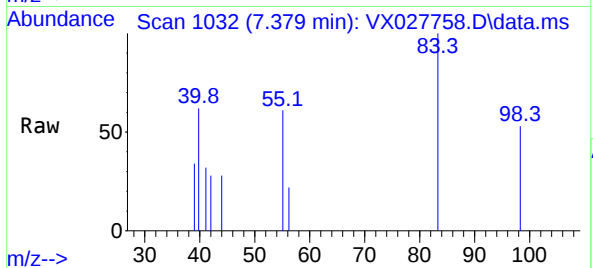
Tgt Ion: 83	Resp: 58
Ion Ratio	Lower Upper
83 100	
55 61.1	54.6 81.8
98 53.2	37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#40

Benzene

Concen: 0.324 ug/l

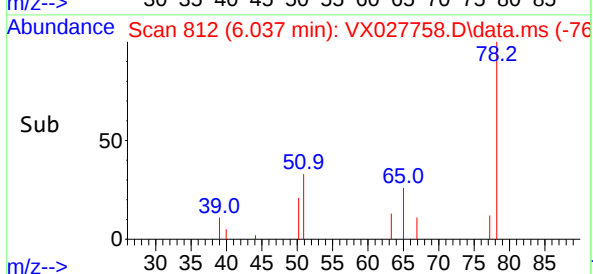
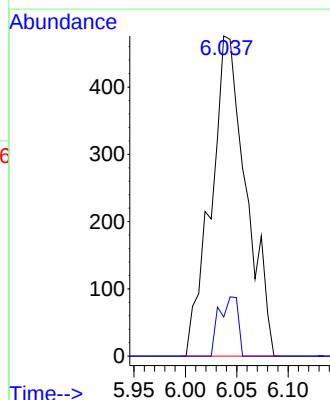
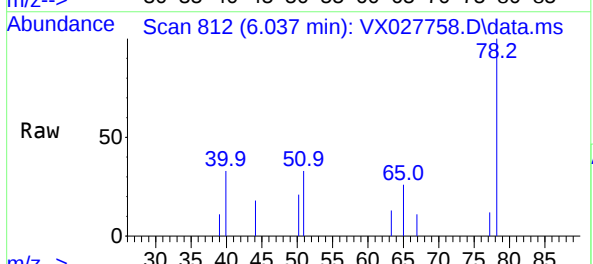
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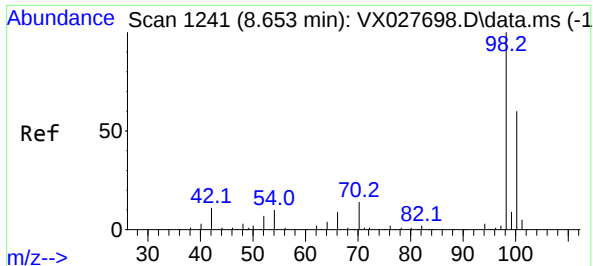
Delta R.T. -0.007 min

Lab File: VX027758.D

Acq: 28 Mar 2022 18:29

Tgt Ion: 78	Resp: 1129		
Ion Ratio	Lower	Upper	
78 100			
77 12.2	19.3	28.9	#





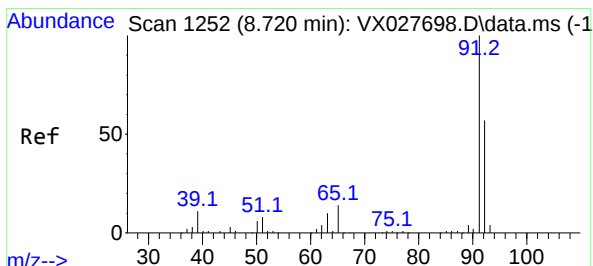
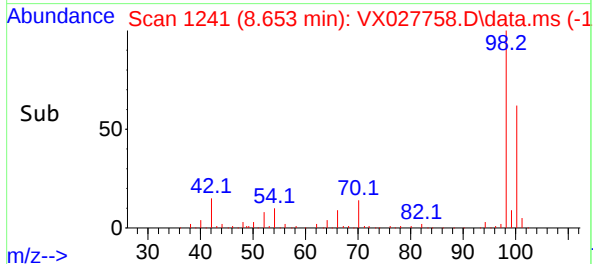
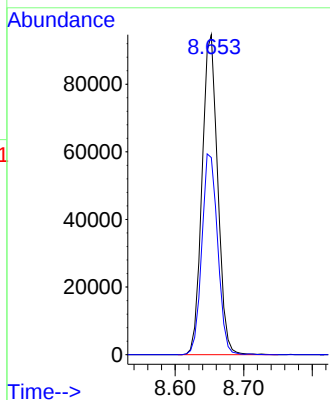
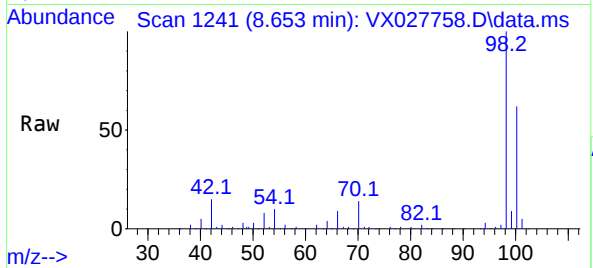
#50
Toluene-d8
Concen: 48.597 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion: 98 Resp: 15018
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8

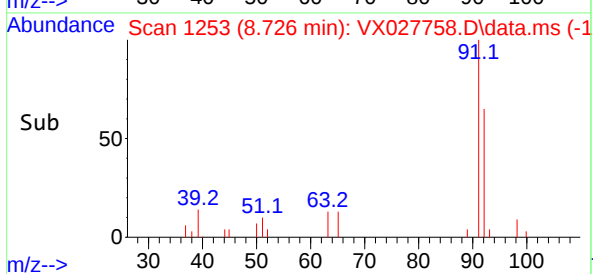
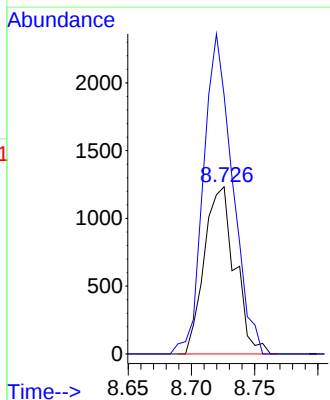
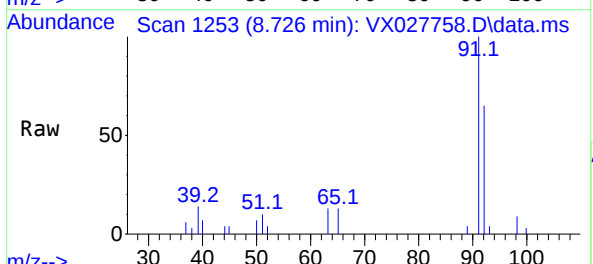
Manual Integrations
APPROVED

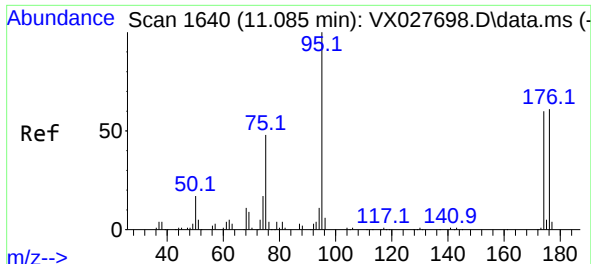
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#52
Toluene
Concen: 0.953 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Tgt Ion: 92 Resp: 2079
Ion Ratio Lower Upper
92 100
91 181.2 137.5 206.3





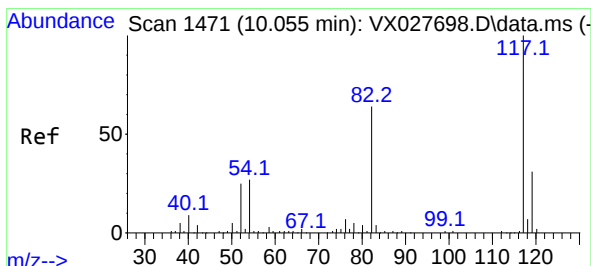
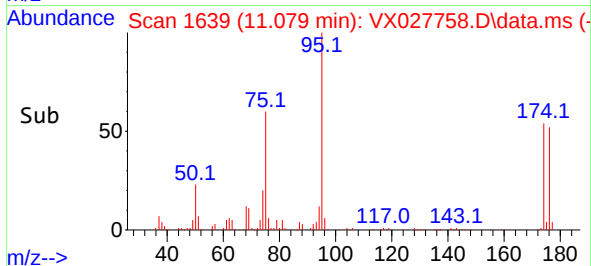
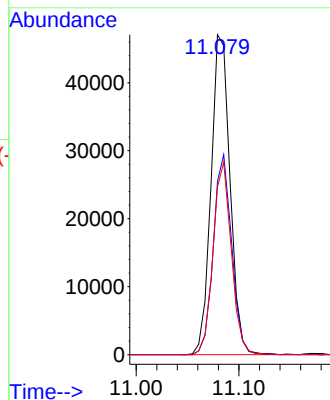
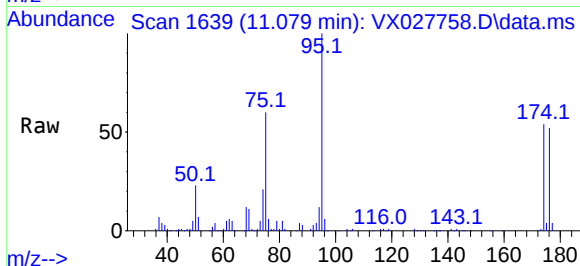
#62
4-Bromofluorobenzene
Concen: 48.173 ug/l
RT: 11.079 min Scan# 1640
Delta R.T. -0.006 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion: 95 Resp: 6040
Ion Ratio Lower Upper
95 100
174 60.3 0.0 163.0
176 57.6 0.0 155.0

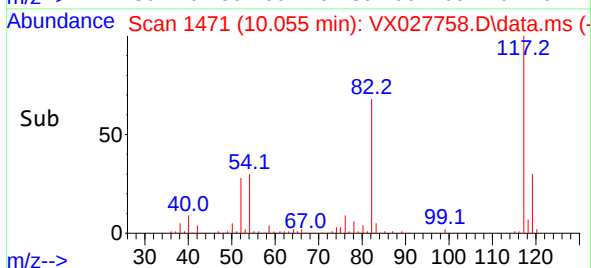
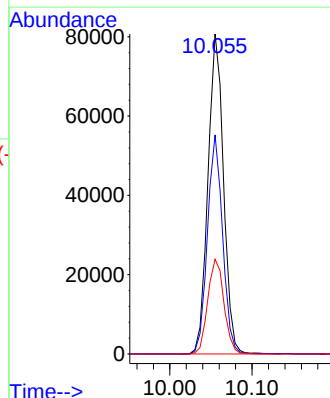
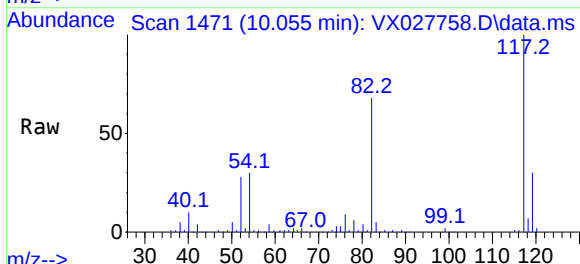
Manual Integrations
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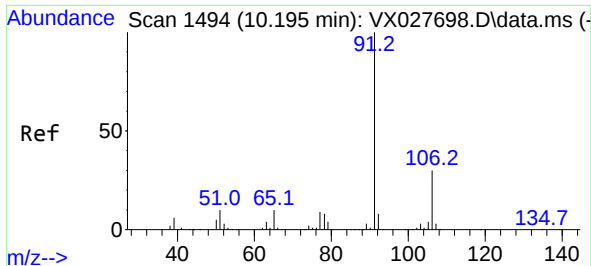
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Tgt Ion:117 Resp: 106224
Ion Ratio Lower Upper
117 100
82 68.5 41.8 62.8#
119 29.6 24.8 37.2





#67

Ethyl Benzene

Concen: 6.409 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027758.D

Acq: 28 Mar 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

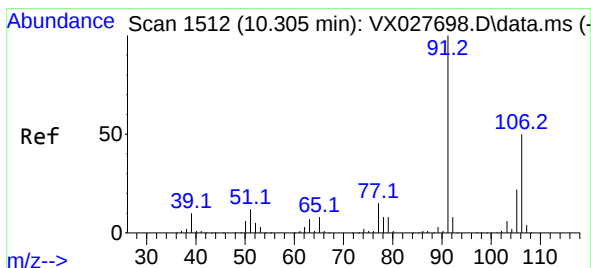
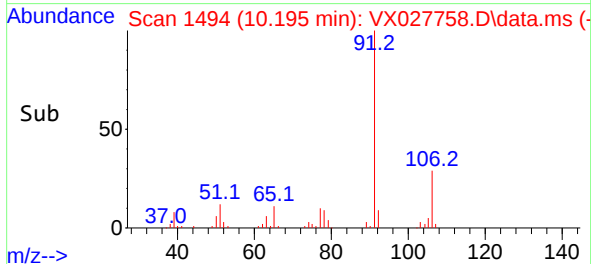
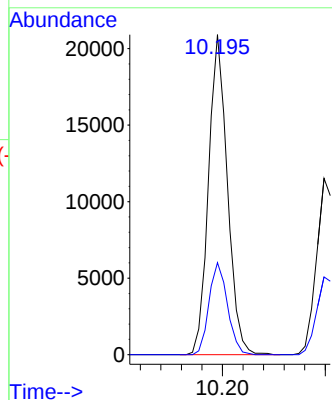
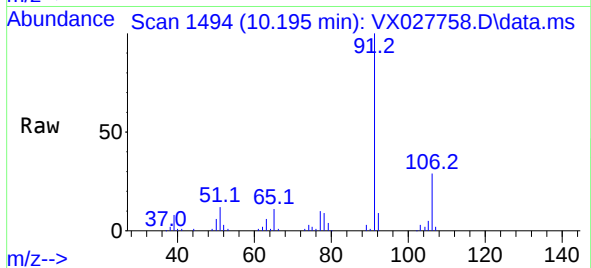
Tgt Ion: 91 Resp: 26715
 Ion Ratio Lower Upper
 91 100
 106 28.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#68

m/p-Xylenes

Concen: 4.772 ug/l

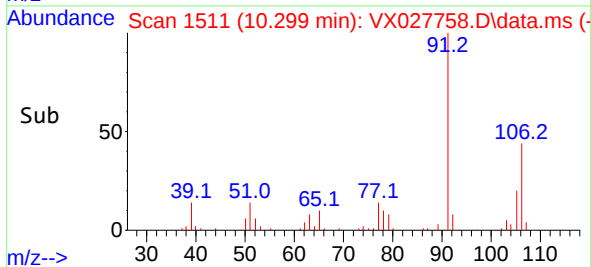
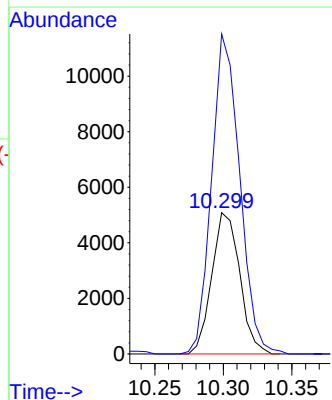
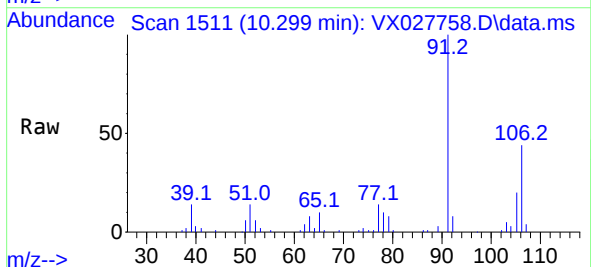
RT: 10.299 min Scan# 1511

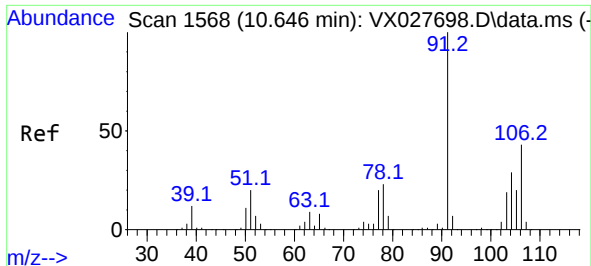
Delta R.T. -0.006 min

Lab File: VX027758.D

Acq: 28 Mar 2022 18:29

Tgt Ion:106 Resp: 7209
 Ion Ratio Lower Upper
 106 100
 91 227.8 160.4 240.6





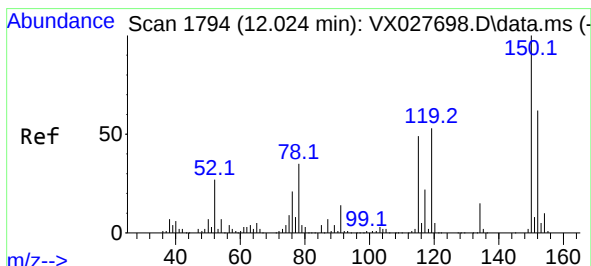
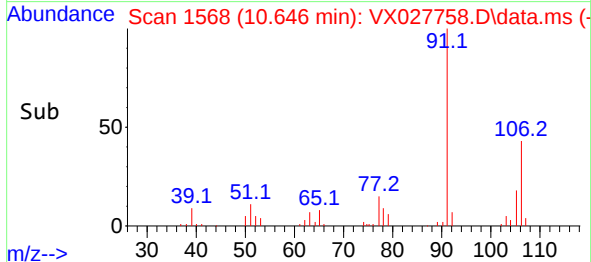
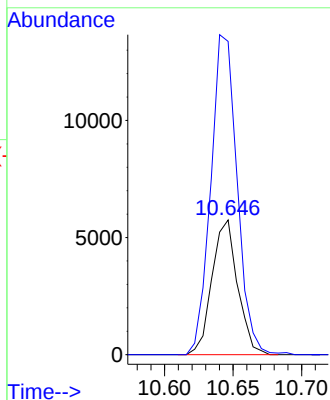
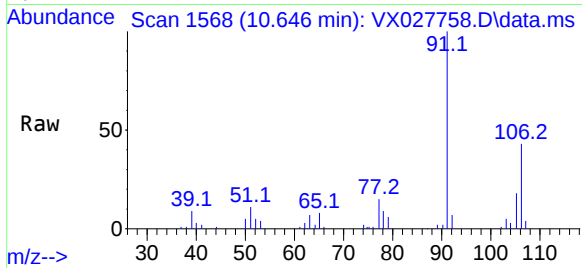
#69
o-Xylene
Concen: 4.921 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion:106 Resp: 747
Ion Ratio Lower Upper
106 100
91 244.9 106.1 318.1

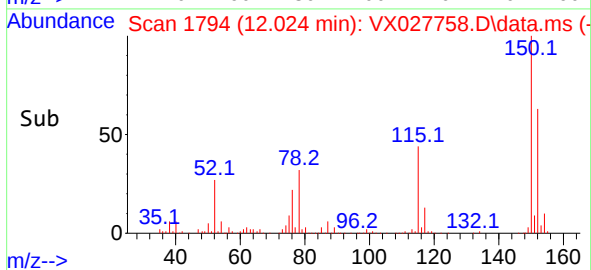
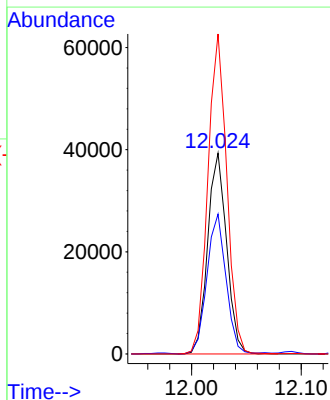
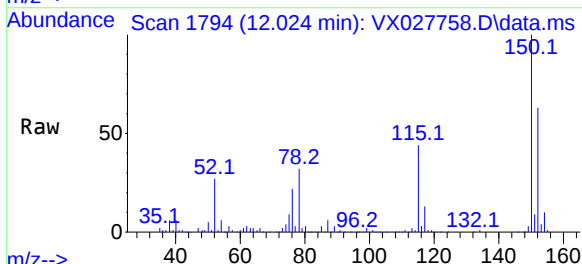
Manual Integrations
APPROVED

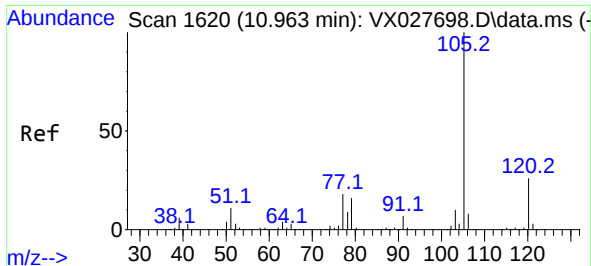
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

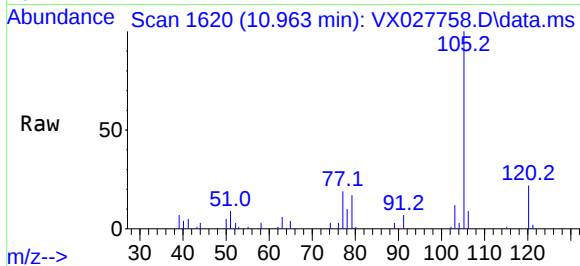
Tgt Ion:152 Resp: 47129
Ion Ratio Lower Upper
152 100
115 70.6 37.5 112.7
150 159.0 0.0 338.2





#73
Isopropylbenzene
Concen: 1.596 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

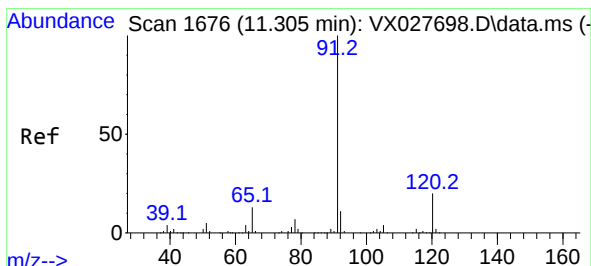
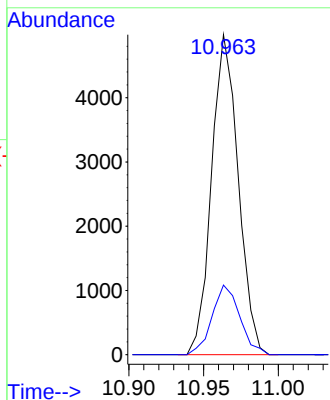
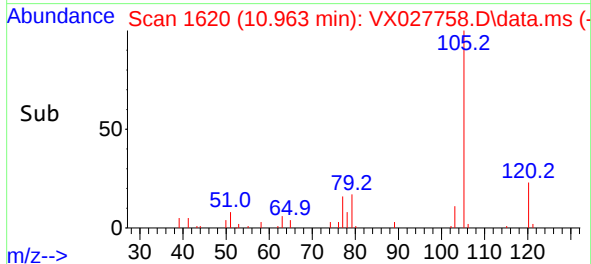
Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



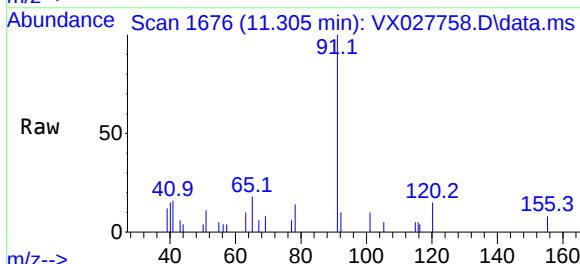
Tgt Ion:105 Resp: 6178
Ion Ratio Lower Upper
105 100
120 22.7 13.5 40.5

Manual Integrations
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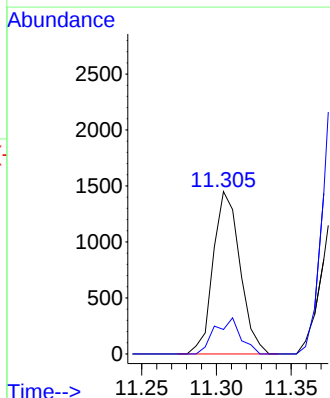
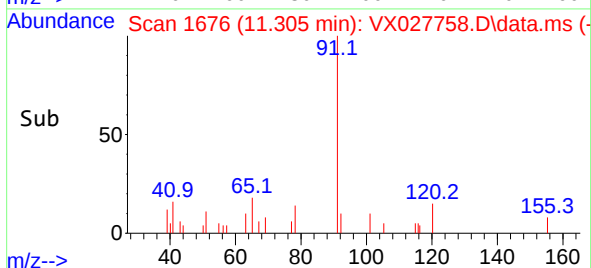
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

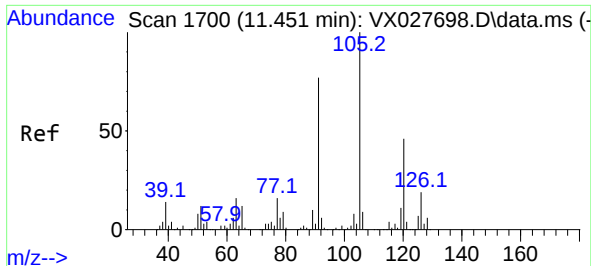


#78
n-propylbenzene
Concen: 0.394 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29



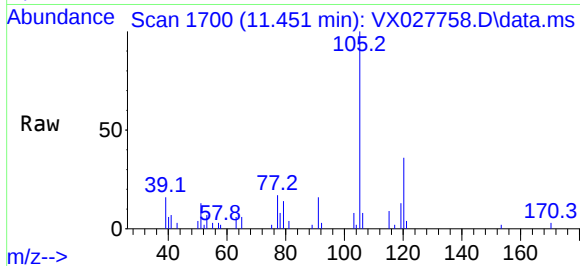
Tgt Ion: 91 Resp: 1809
Ion Ratio Lower Upper
91 100
120 21.3 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 1.187 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

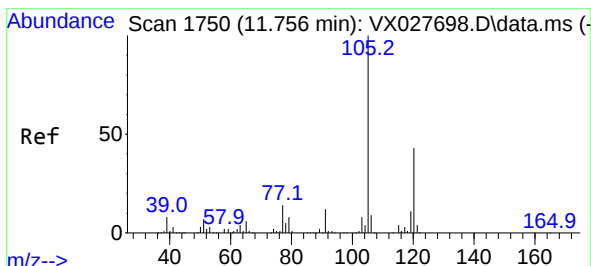
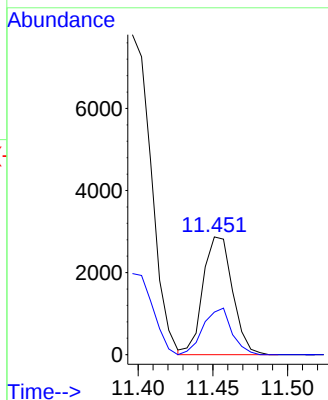
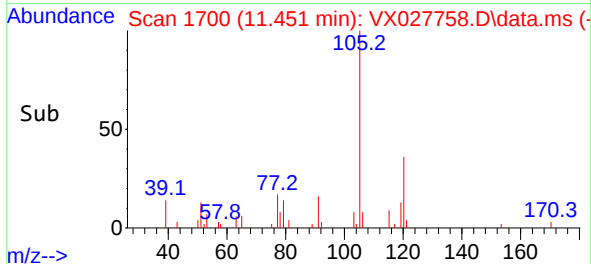
Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



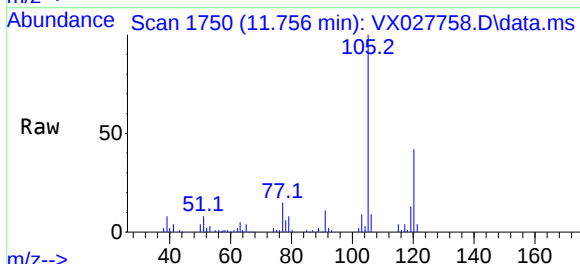
Tgt Ion:105 Resp: 3950
Ion Ratio Lower Upper
105 100
120 38.1 24.3 72.9

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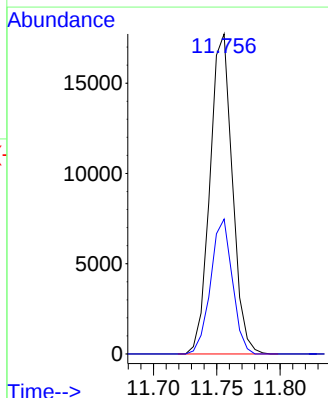
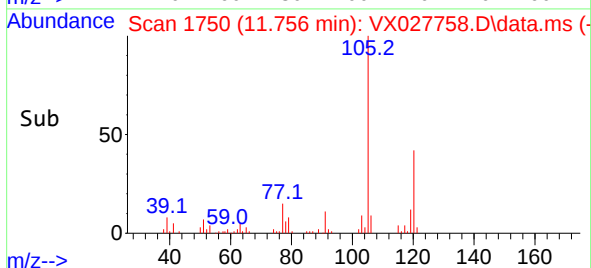
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

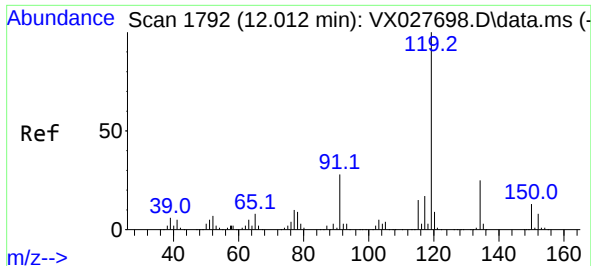


#84
1,2,4-Trimethylbenzene
Concen: 6.465 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29



Tgt Ion:105 Resp: 21833
Ion Ratio Lower Upper
105 100
120 40.8 22.6 67.8





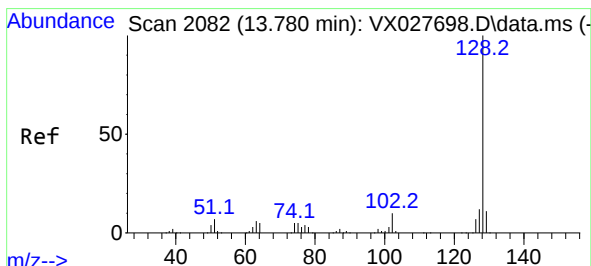
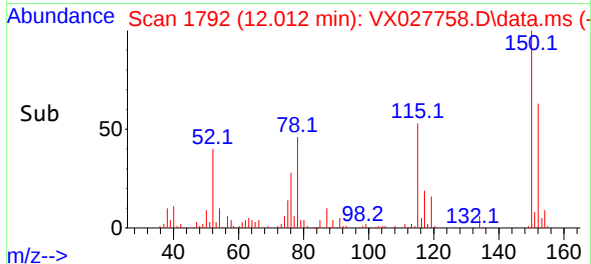
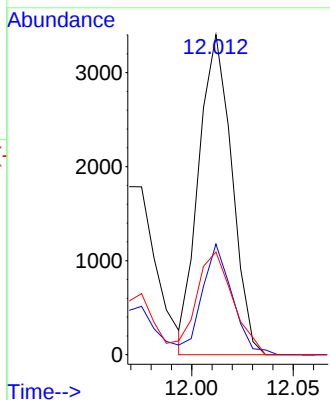
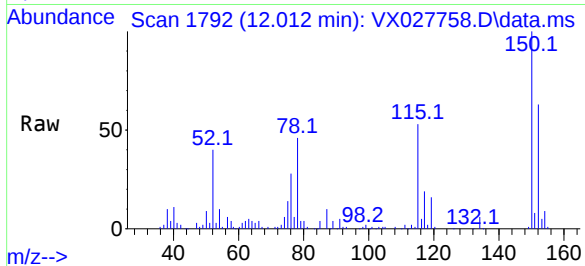
#86
p-Isopropyltoluene
Concen: 1.224 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Instrument : MSVOA_X
ClientSampleId : DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Tgt Ion:119 Resp: 3850
Ion Ratio Lower Upper
119 100
134 18.7 13.0 39.0
91 20.9 11.3 33.9

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#95
Naphthalene
Concen: 112.168 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027758.D
Acq: 28 Mar 2022 18:29

Tgt Ion:128 Resp: 376464
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.7 13.1

