

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027732.D
 Acq On : 26 Mar 2022 17:13
 Operator : JC/MD
 Sample : N2104-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-A229

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 05:18:51 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61855	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	112571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99362	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52526	51.775	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.540%			
35) Dibromofluoromethane	5.385	113	37240	50.376	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.760%			
50) Toluene-d8	8.653	98	135236	47.324	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.640%			
62) 4-Bromofluorobenzene	11.085	95	53501	46.139	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.280%			
Target Compounds						
16) Acetone	2.380	43	1250267	2913.997	ug/l	91
20) Methylene Chloride	2.794	84	15024	19.627	ug/l	92
68) m/p-Xylenes	10.299	106	1366	0.967	ug/l #	61
69) o-Xylene	10.647	106	1325	0.933	ug/l	99
78) n-propylbenzene	11.305	91	2041	0.488	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	8844	2.917	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	18107	5.884	ug/l	97
85) sec-Butylbenzene	11.890	105	1215	0.333	ug/l #	55
86) p-Isopropyltoluene	12.006	119	1567m	0.546	ug/l	
95) Naphthalene	13.780	128	31478	10.292	ug/l	97

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

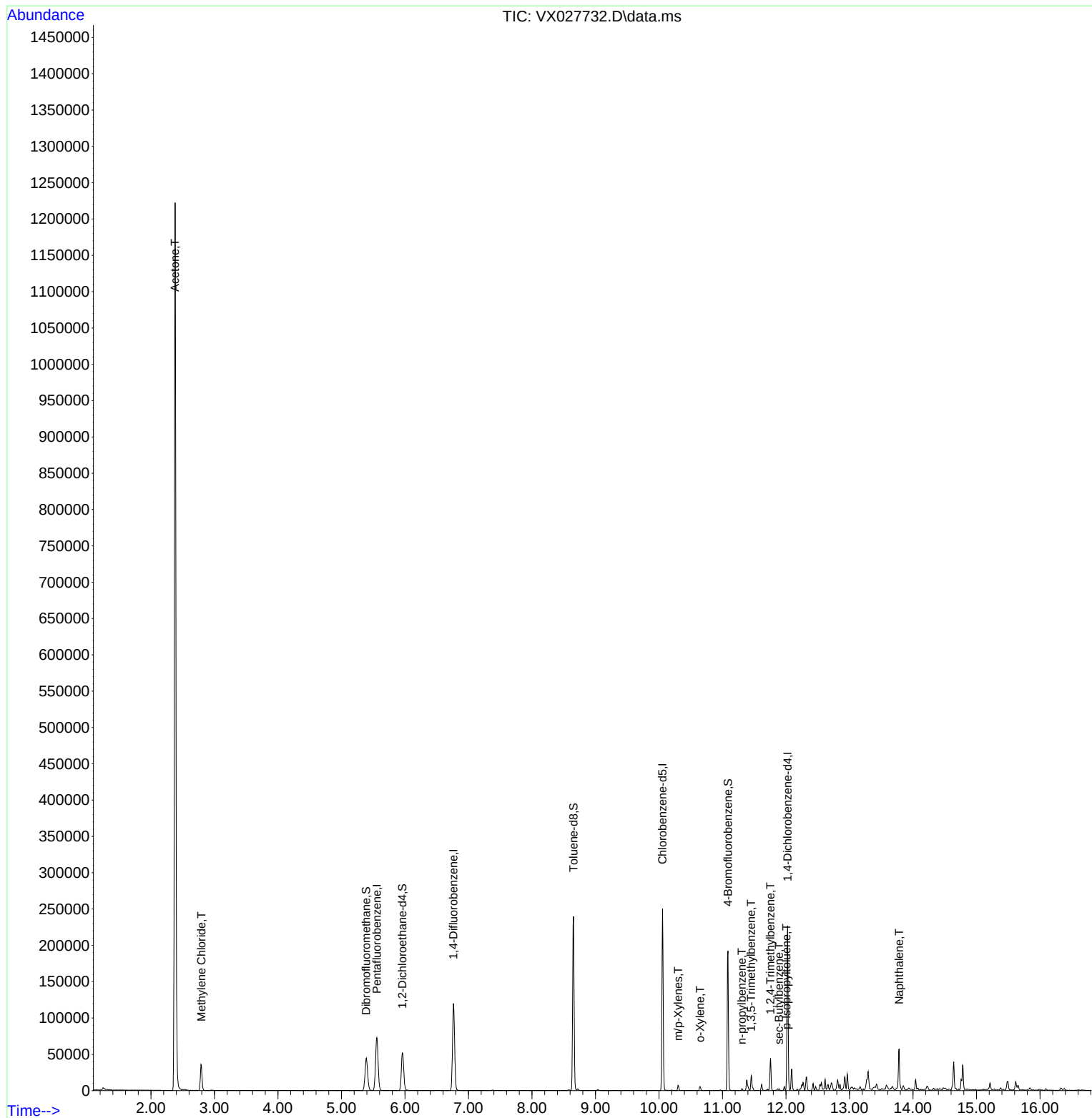
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
Data File : VX027732.D
Acq On : 26 Mar 2022 17:13
Operator : JC/MD
Sample : N2104-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

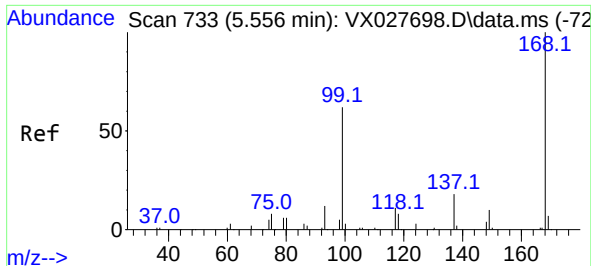
Instrument :
MSVOA_X
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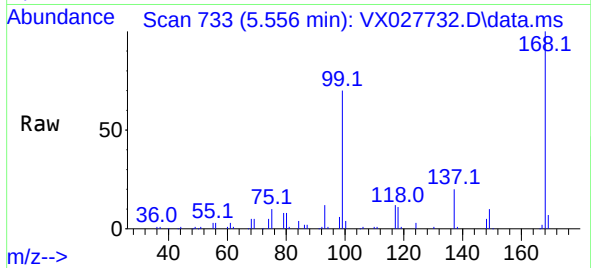
Quant Time: Mar 28 05:18:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

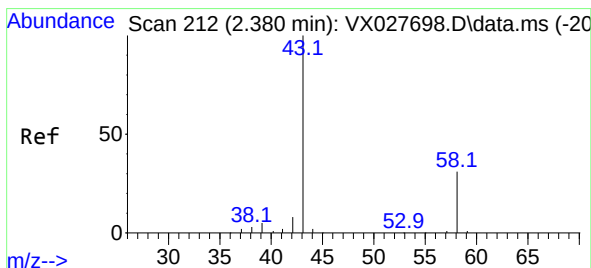
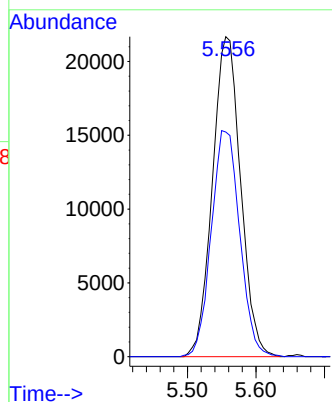
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229



Tgt Ion:168 Resp: 6185
Ion Ratio Lower Upper
168 100
99 70.2 41.7 62.5

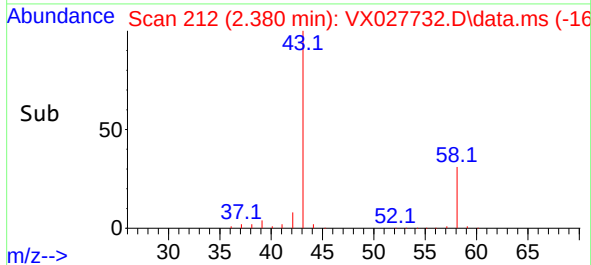
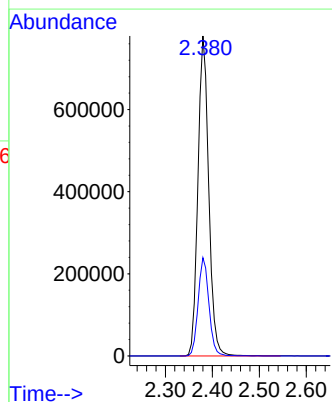
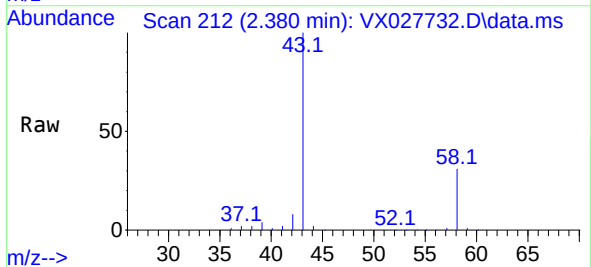
Manual Integrations
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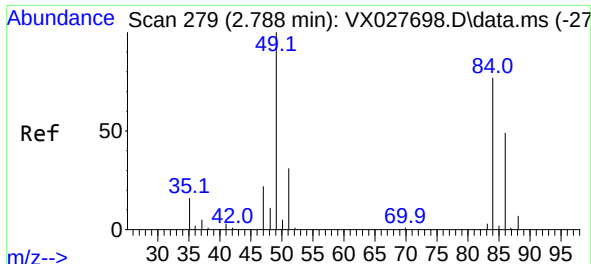
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 2913.997 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

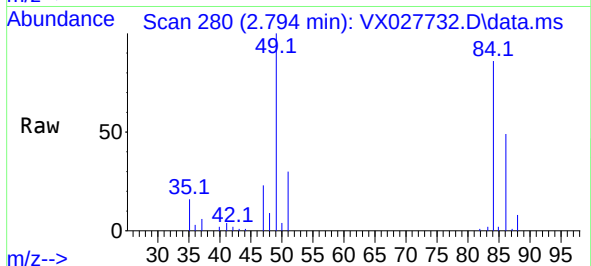
Tgt Ion: 43 Resp: 1250267
Ion Ratio Lower Upper
43 100
58 30.7 28.8 43.2





#20
Methylene Chloride
Concen: 19.627 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

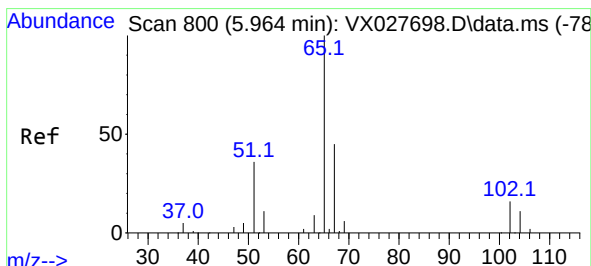
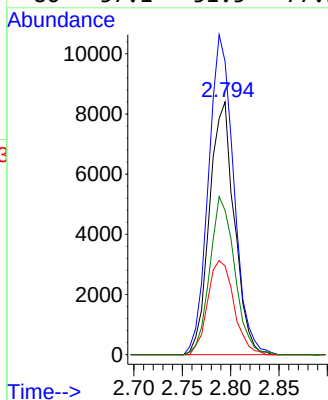
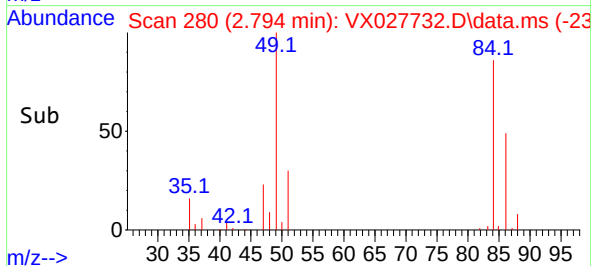
Instrument :
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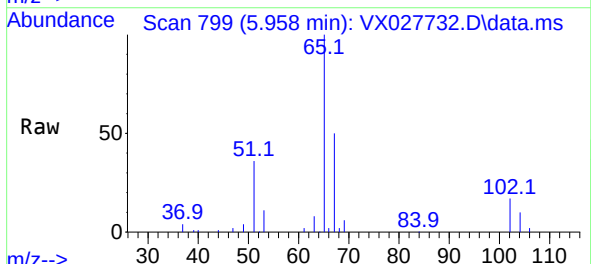
Tgt Ion: 84 Resp: 15024
Ion Ratio Lower Upper
84 100
49 116.0 85.5 128.3
51 35.1 26.6 39.8
86 57.1 51.5 77.3

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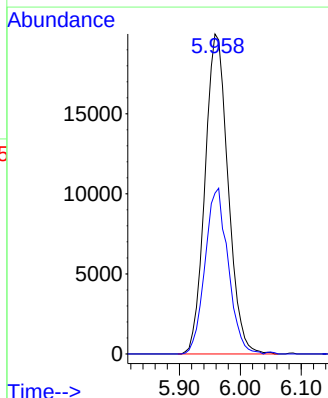
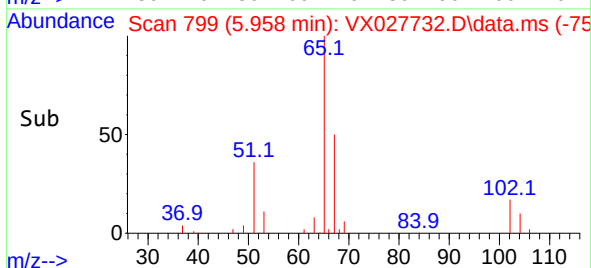
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

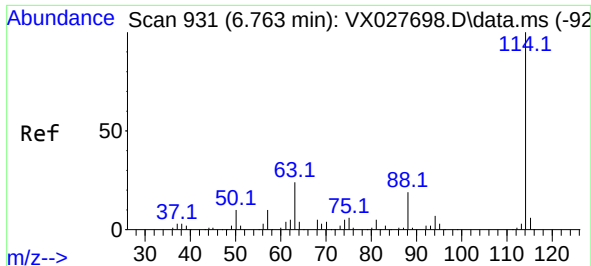


#33
1,2-Dichloroethane-d4
Concen: 51.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13



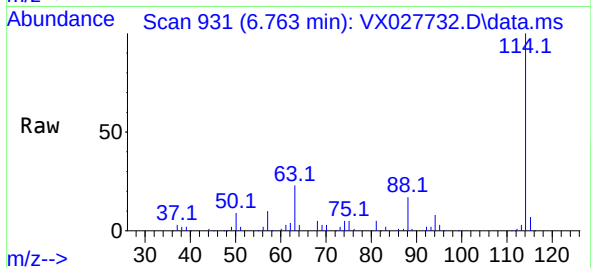
Tgt Ion: 65 Resp: 52526
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

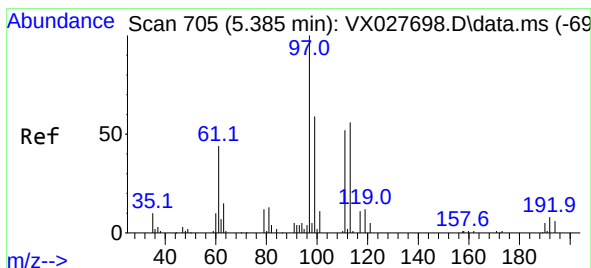
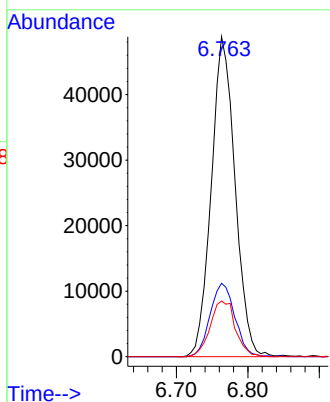
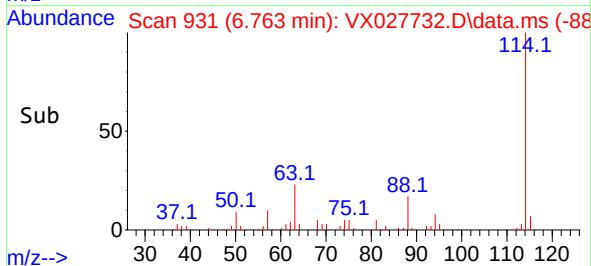
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229



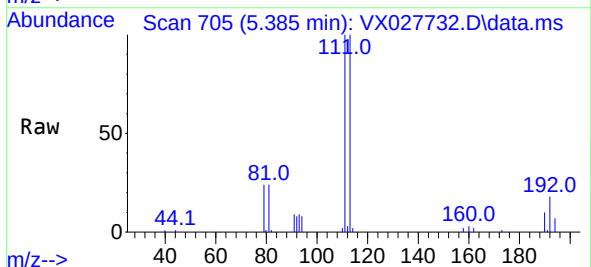
Tgt Ion:114 Resp: 11257
Ion Ratio Lower Upper
114 100
63 22.9 0.0 36.8
88 17.4 0.0 32.4

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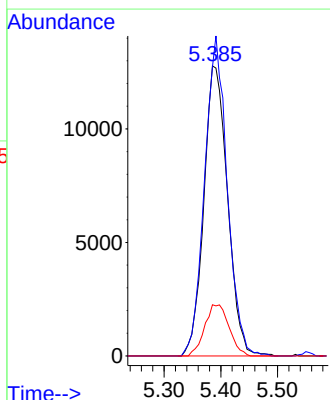
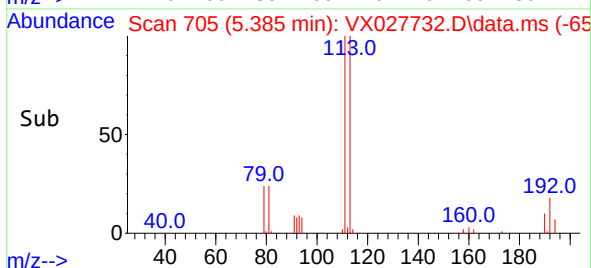
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

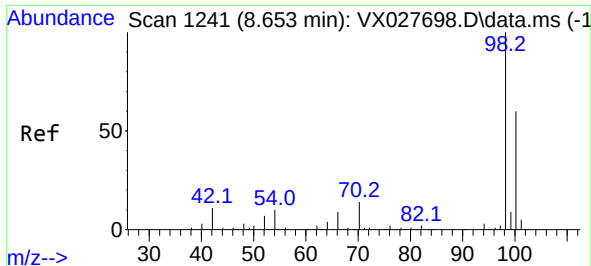


#35
Dibromofluoromethane
Concen: 50.376 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13



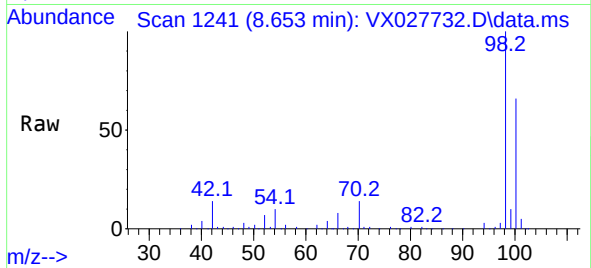
Tgt Ion:113 Resp: 37240
Ion Ratio Lower Upper
113 100
111 105.3 82.8 124.2
192 18.1 16.9 25.3





#50
Toluene-d8
Concen: 47.324 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

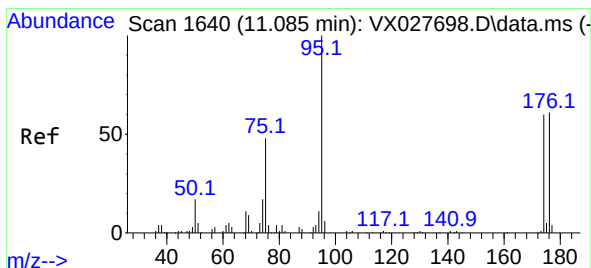
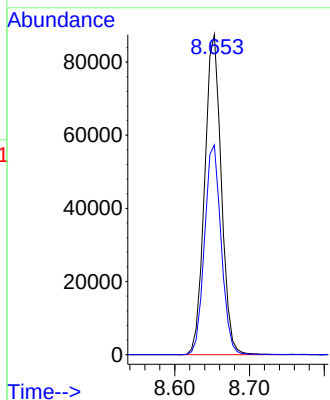
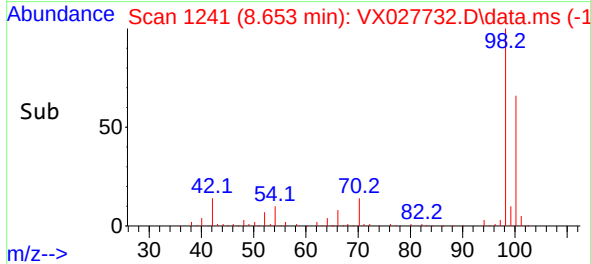
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FRAC-TANK-A229



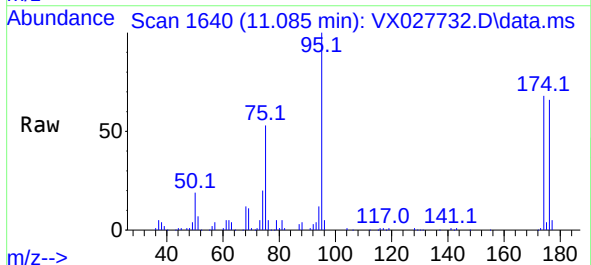
Tgt Ion: 98 Resp: 135230
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

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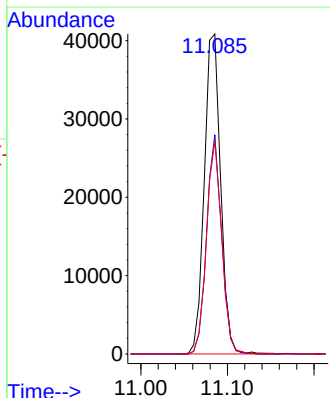
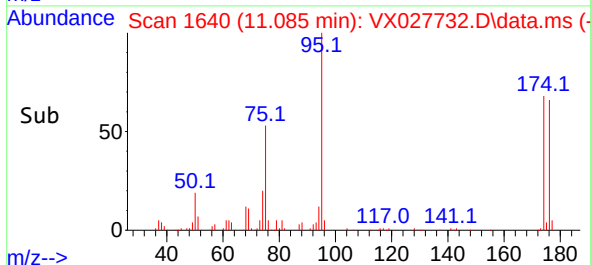
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

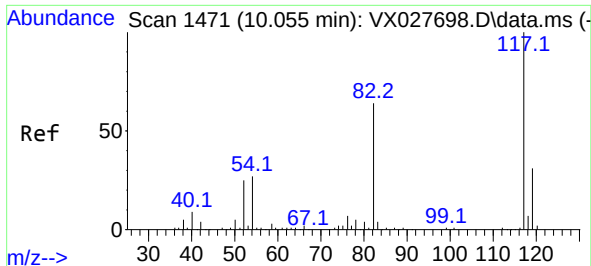


#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13



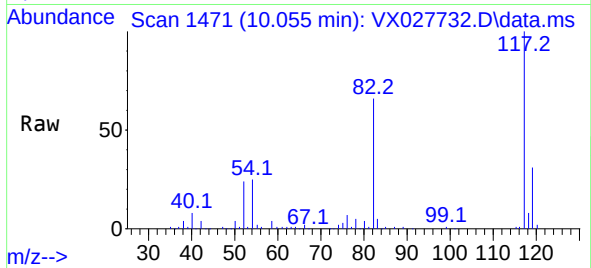
Tgt Ion: 95 Resp: 53501
Ion Ratio Lower Upper
95 100
174 63.2 0.0 163.0
176 62.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

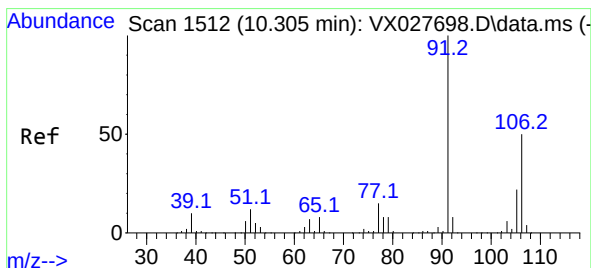
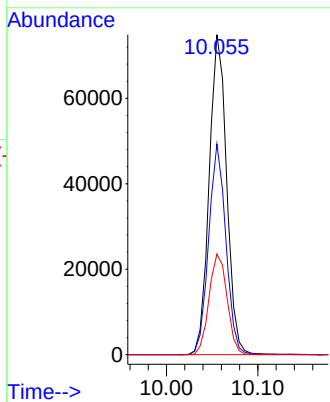
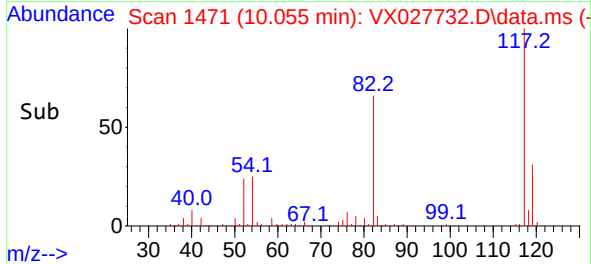
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229



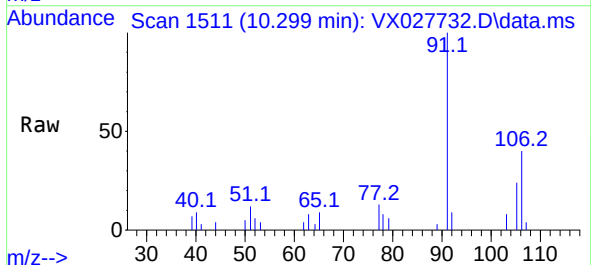
Tgt Ion:117 Resp: 99362
Ion Ratio Lower Upper
117 100
82 65.8 41.8 62.8
119 31.5 24.8 37.2

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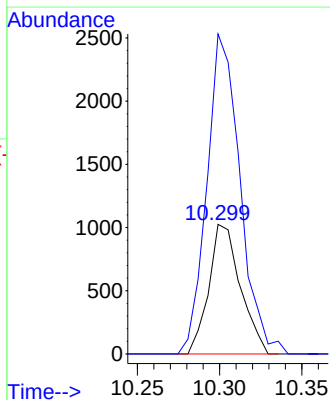
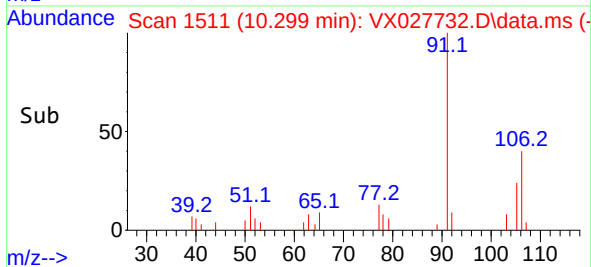
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

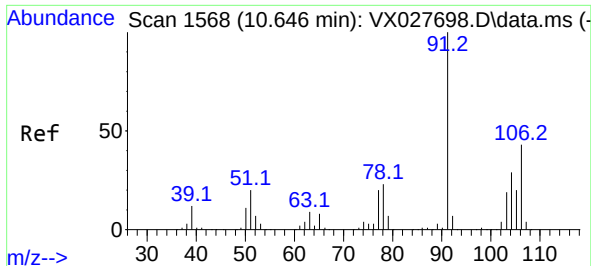


#68
m/p-Xylenes
Concen: 0.967 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13



Tgt Ion:106 Resp: 1366
Ion Ratio Lower Upper
106 100
91 260.3 160.4 240.6





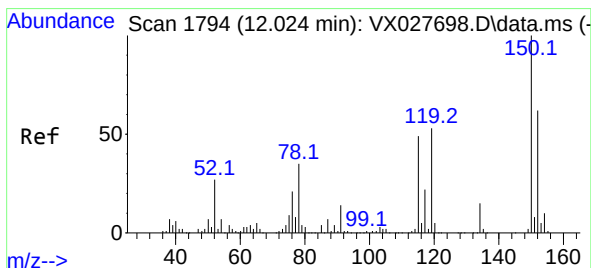
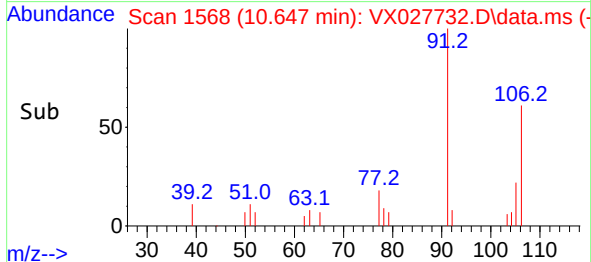
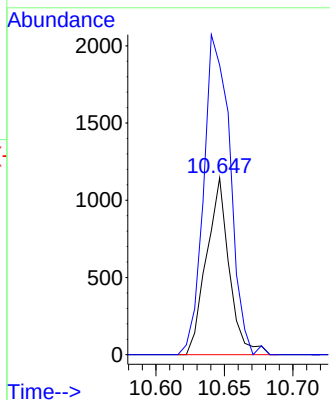
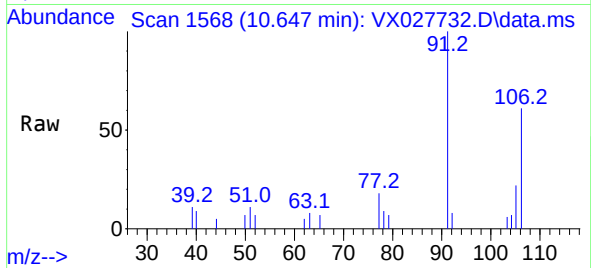
#69
o-Xylene
Concen: 0.933 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229

Tgt Ion:106 Resp: 132
Ion Ratio Lower Upper
106 100
91 210.1 106.1 318.1

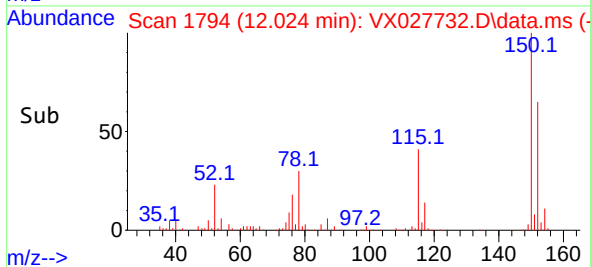
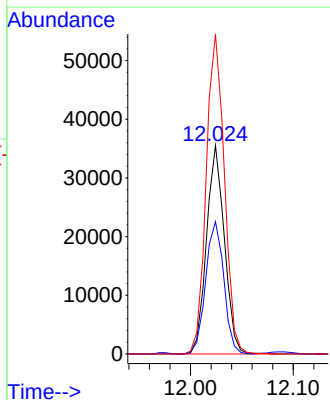
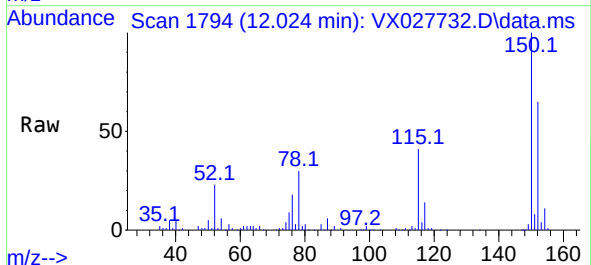
Manual Integrations
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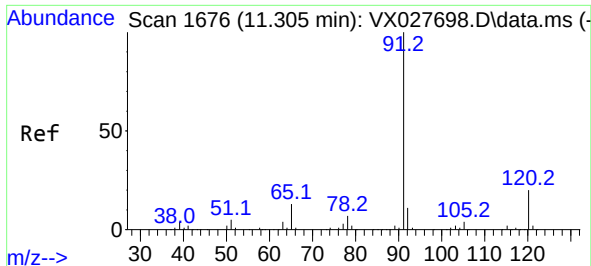
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

Tgt Ion:152 Resp: 42949
Ion Ratio Lower Upper
152 100
115 64.4 37.5 112.7
150 155.6 0.0 338.2





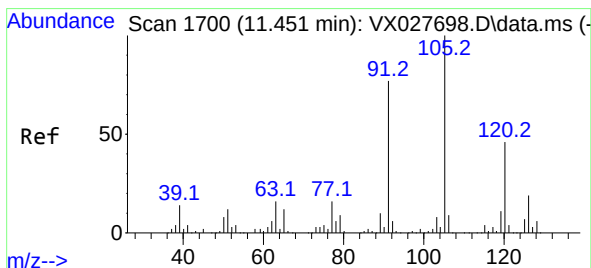
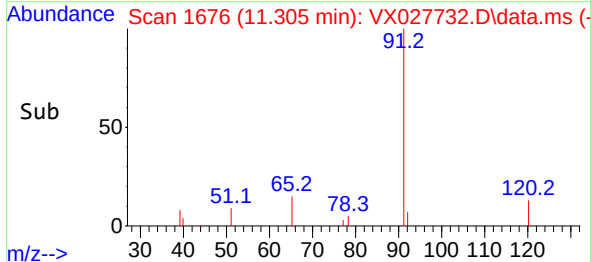
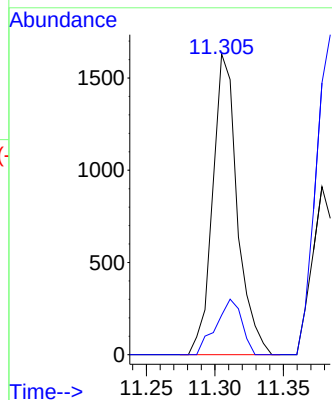
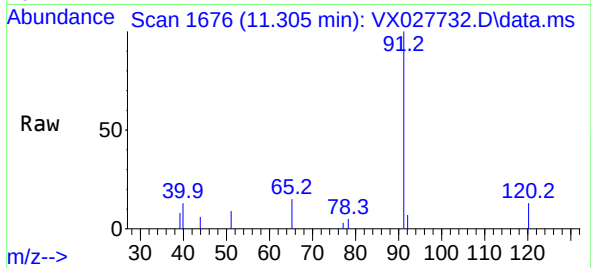
#78
n-propylbenzene
Concen: 0.488 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229

Tgt Ion: 91 Resp: 204
Ion Ratio Lower Upper
91 100
120 19.2 11.6 34.8

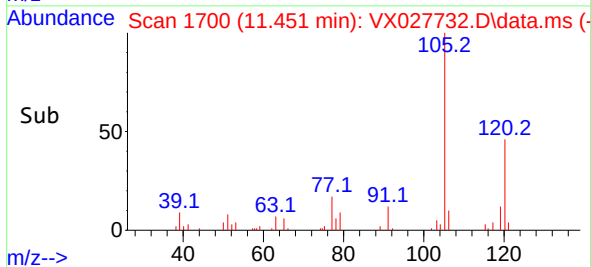
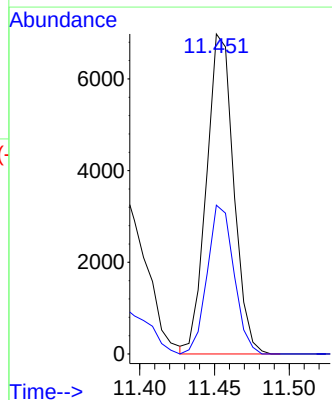
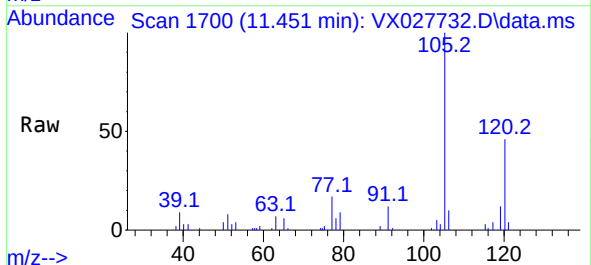
Manual Integrations
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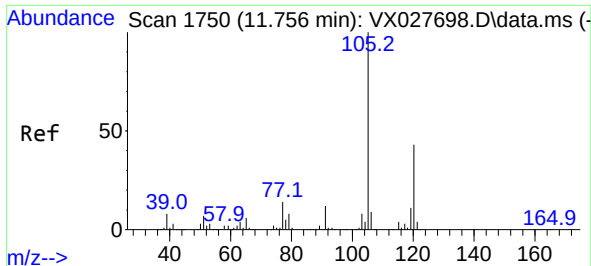
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.917 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

Tgt Ion:105 Resp: 8844
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.9





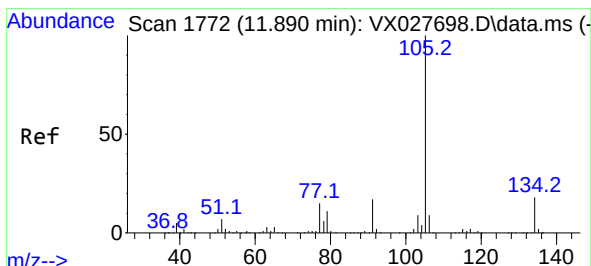
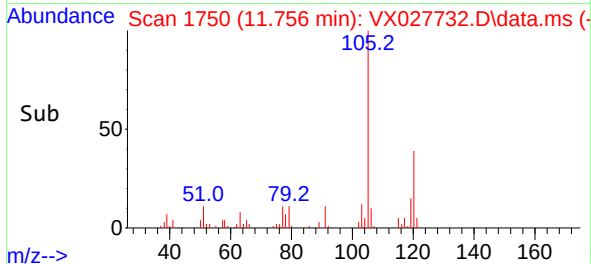
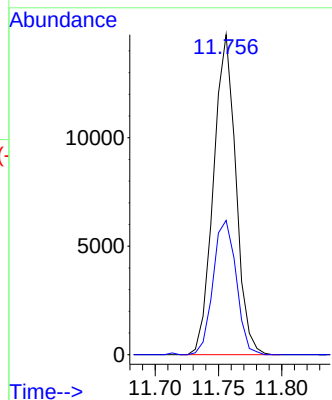
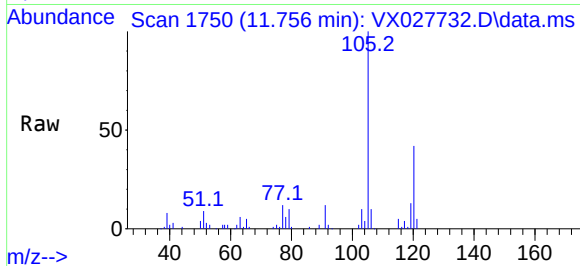
#84
1,2,4-Trimethylbenzene
Concen: 5.884 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229

Tgt Ion:105 Resp: 1810
Ion Ratio Lower Upper
105 100
120 43.3 22.6 67.8

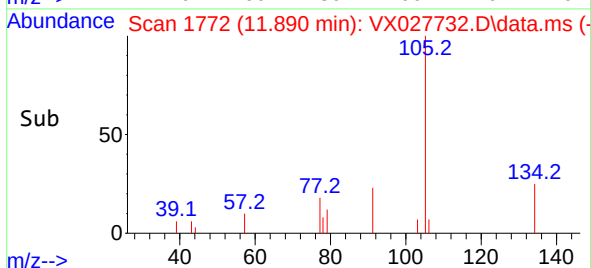
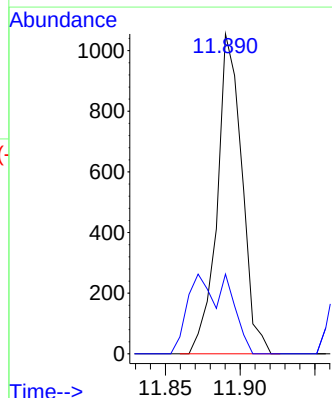
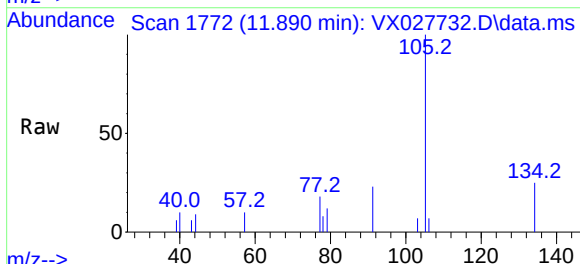
Manual Integrations
APPROVED

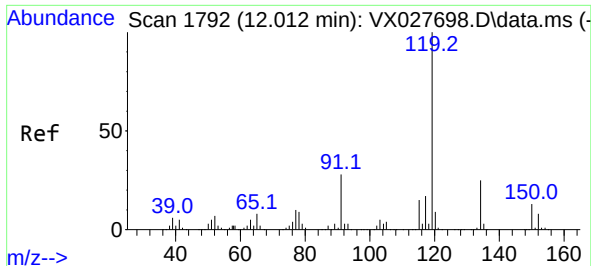
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#85
sec-Butylbenzene
Concen: 0.333 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

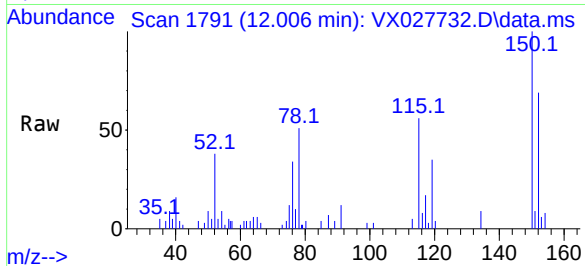
Tgt Ion:105 Resp: 1215
Ion Ratio Lower Upper
105 100
134 41.1 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 0.546 ug/l m
RT: 12.006 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13

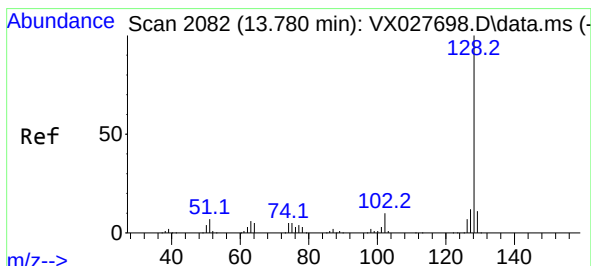
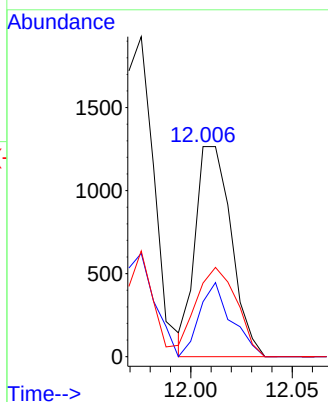
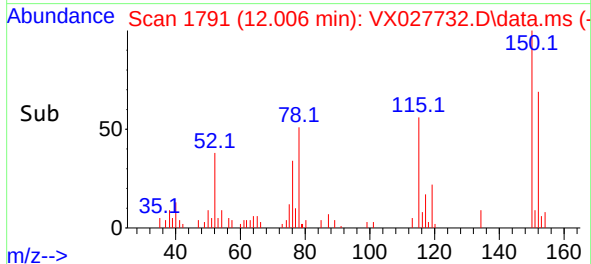
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A229



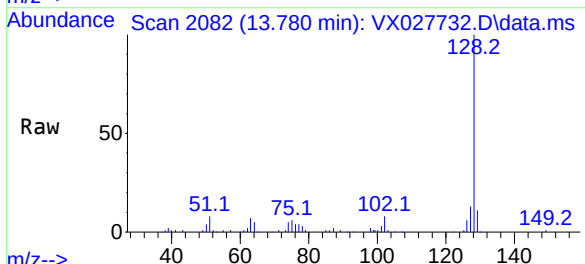
Tgt Ion:119 Resp: 156
Ion Ratio Lower Upper
119 100
134 46.7 13.0 39.0
91 40.6 11.3 33.9

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 10.292 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027732.D
Acq: 26 Mar 2022 17:13



Tgt Ion:128 Resp: 31478
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 11.6 8.7 13.1

