

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031857.D
 Acq On : 04 Oct 2022 00:26
 Operator : JC/MD
 Sample : N4914-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1

Quant Time: Oct 04 08:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	97426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.983	65	89344	51.187	ug/l	0.03
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	5.385	113	81946	40.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.980%			
50) Toluene-d8	8.653	98	326955	45.720	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.440%			
62) 4-Bromofluorobenzene	11.079	95	122918	47.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.460%			
Target Compounds						
						Qvalue
16) Acetone	2.392	43	37259	80.260	ug/l	90
17) Carbon Disulfide	2.508	76	20494	4.021	ug/l	100
20) Methylene Chloride	2.788	84	6676	4.372	ug/l	85
37) Ethyl Acetate	4.721	43	15288	8.148	ug/l #	95
43) Isopropyl Acetate	6.342	43	67548	22.266	ug/l #	88
52) Toluene	8.732	92	9369067	1866.332	ug/l	78
67) Ethyl Benzene	10.195	91	262276	27.520	ug/l	95
68) m/p-Xylenes	10.305	106	1718059	436.663	ug/l	87
69) o-Xylene	10.647	106	680289	179.470	ug/l	87
70) Styrene	10.659	104	2402762	389.988	ug/l #	90
73) Isopropylbenzene	10.957	105	21033	2.018	ug/l	81
80) 1,3,5-Trimethylbenzene	11.451	105	199114	22.883	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	463598	53.533	ug/l	94
95) Naphthalene	13.780	128	34536552m	3488.222	ug/l	

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

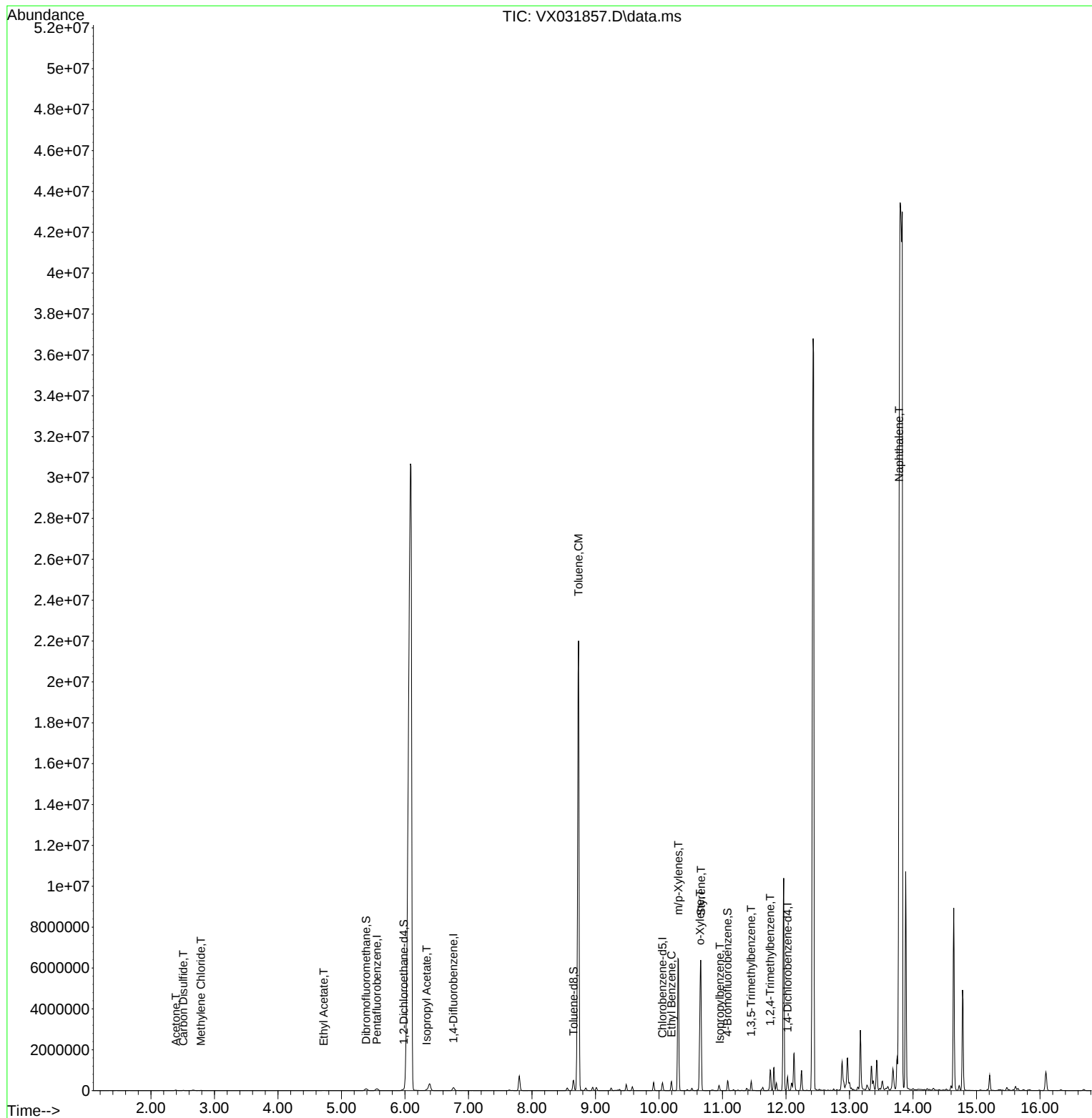
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
Data File : VX031857.D
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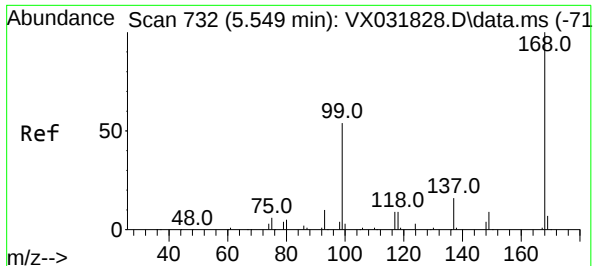
Instrument :
MSVOA_X
ClientSampleId :
S1

Quant Time: Oct 04 08:04:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

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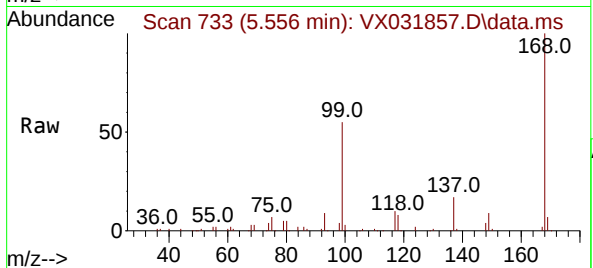
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

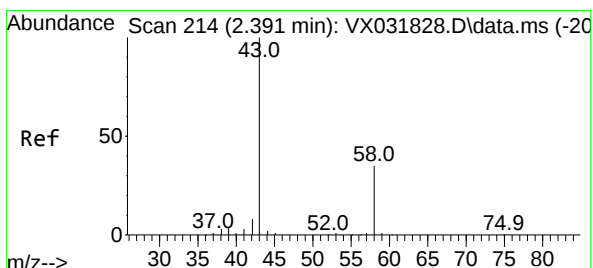
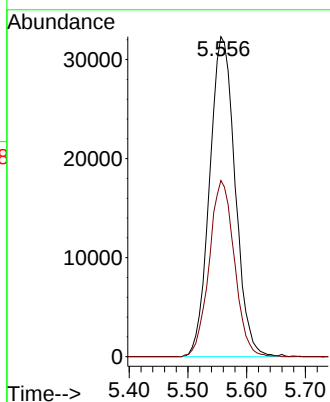
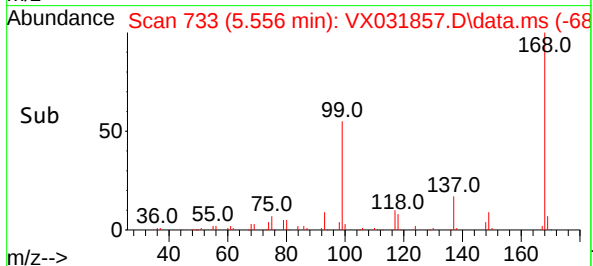
Instrument :
MSVOA_X
ClientSampleId :
S1



Tgt Ion:168 Resp: 97420
Ion Ratio Lower Upper
168 100
99 55.1 48.8 73.2

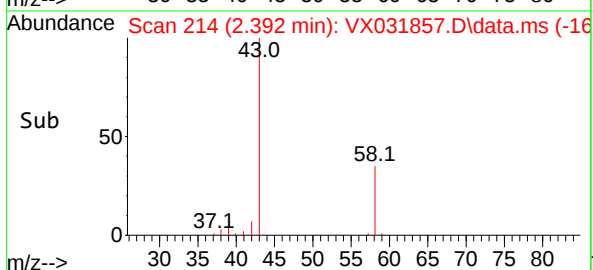
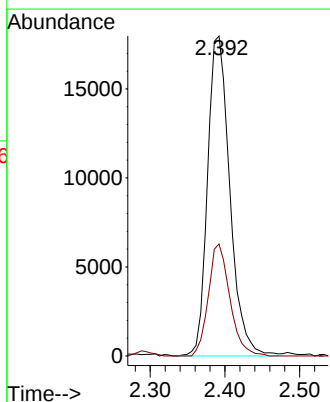
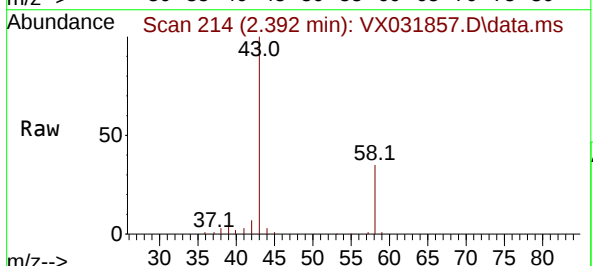
Manual Integrations
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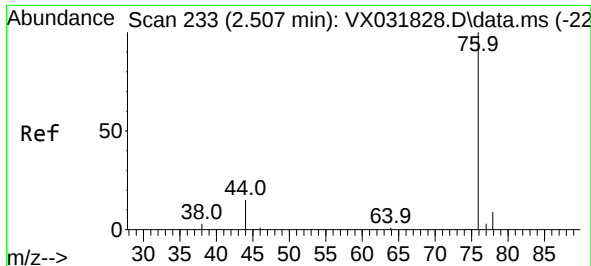
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 80.260 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

Tgt Ion: 43 Resp: 37259
Ion Ratio Lower Upper
43 100
58 35.0 23.8 35.8





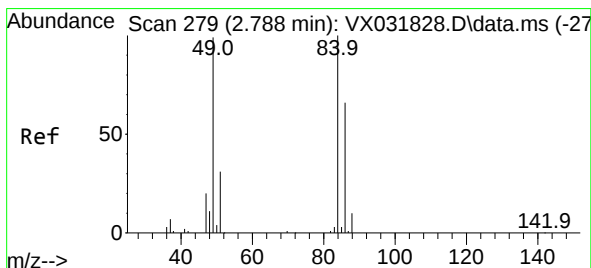
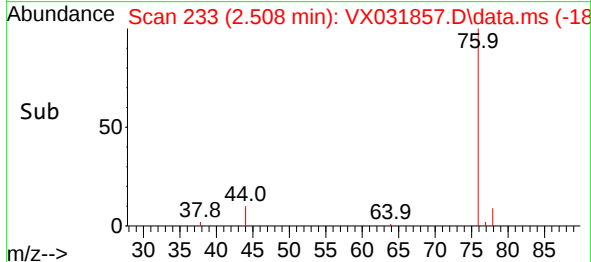
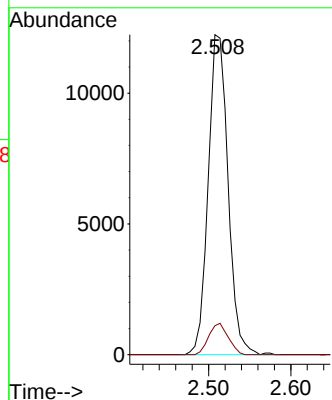
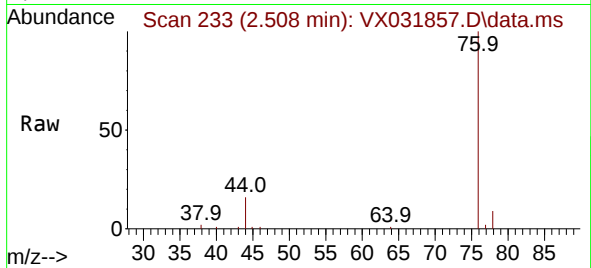
#17
Carbon Disulfide
Concen: 4.021 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

Instrument :
MSVOA_X
ClientSampleId :
S1

Tgt Ion: 76 Resp: 20494
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

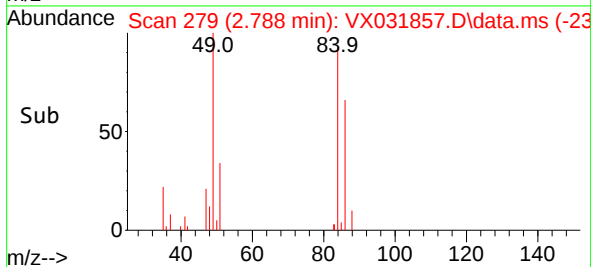
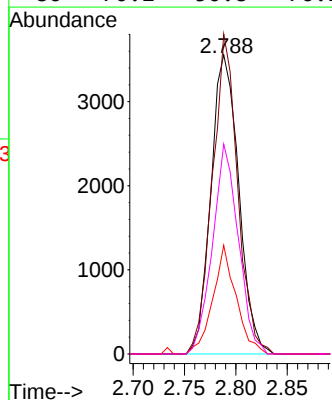
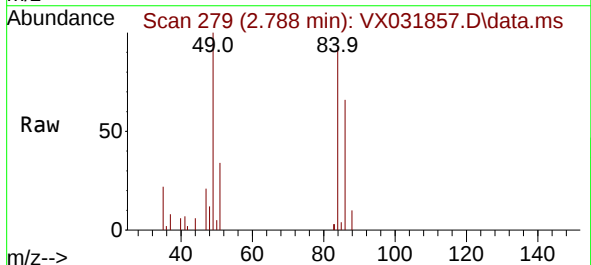
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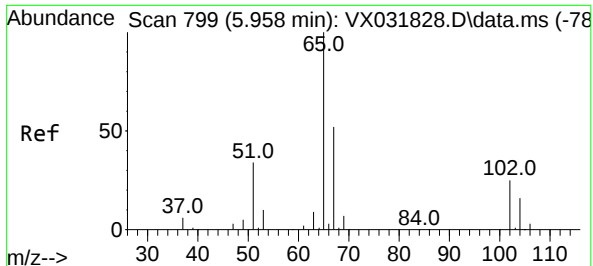
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 4.372 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

Tgt Ion: 84 Resp: 6676
Ion Ratio Lower Upper
84 100
49 107.0 105.9 158.9
51 36.3 32.2 48.2
86 70.2 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 51.187 ug/l

RT: 5.983 min Scan# 803

Delta R.T. 0.031 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

S1

Tgt Ion: 65 Resp: 8934

Ion Ratio Lower Upper

65 100

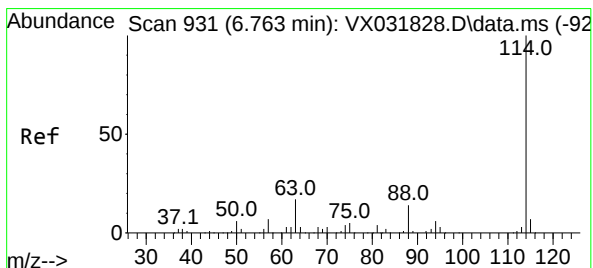
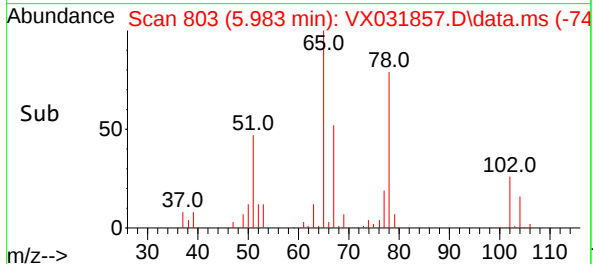
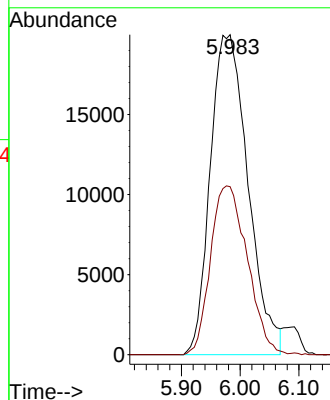
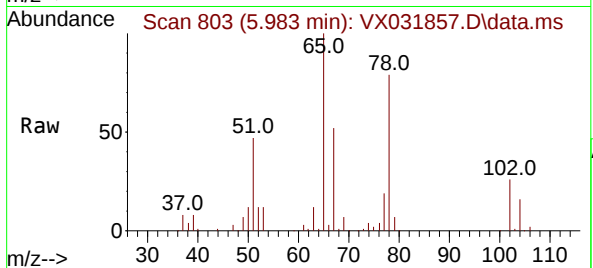
67 51.3 0.0 102.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

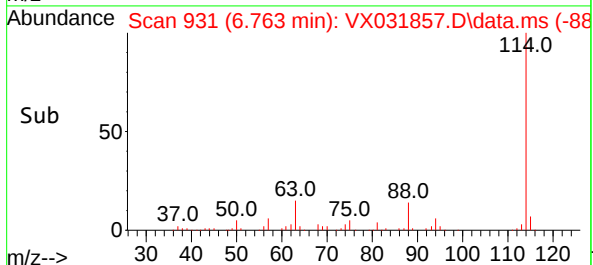
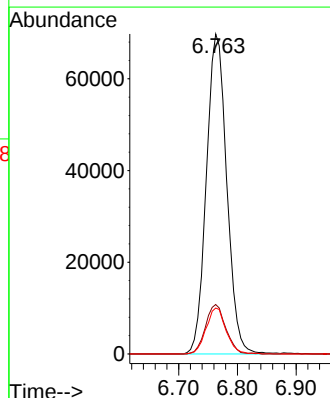
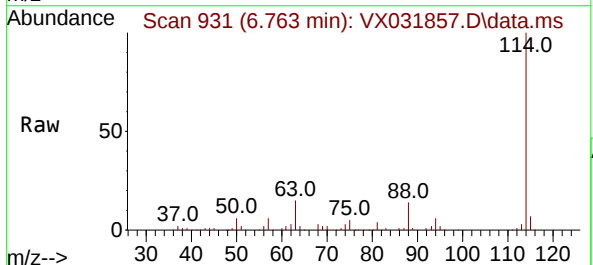
Tgt Ion:114 Resp: 168254

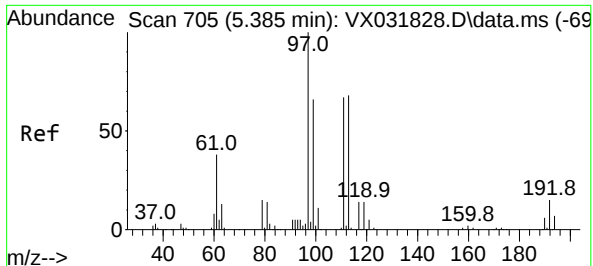
Ion Ratio Lower Upper

114 100

63 15.5 0.0 42.6

88 14.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 40.993 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

S1

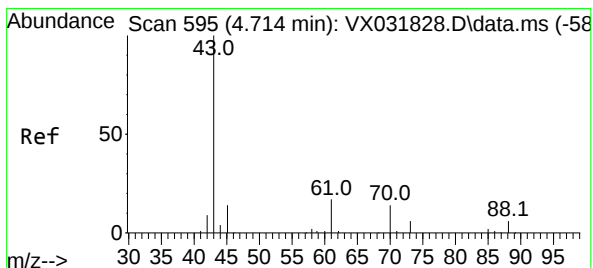
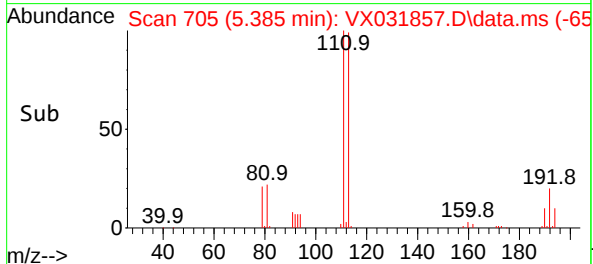
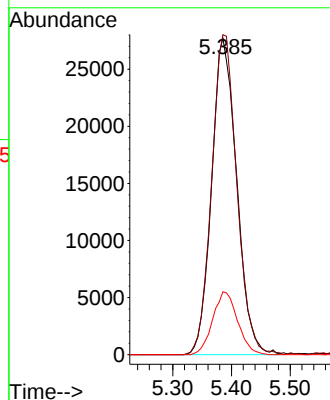
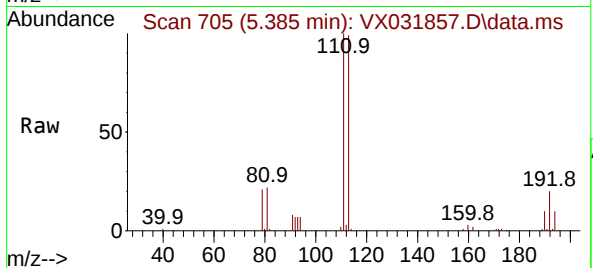
Tgt Ion:	113	Resp:	8194
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	19.8	14.1	21.1

Manual Integrations

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Supervised By :Mahesh Dadoda 10/06/2022



#37

Ethyl Acetate

Concen: 8.148 ug/l

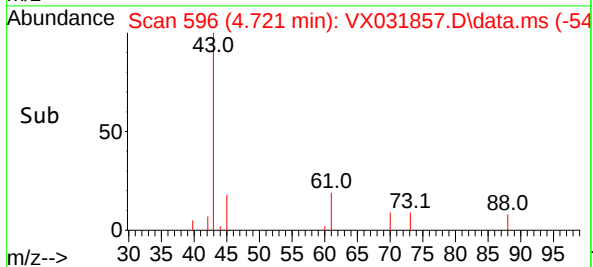
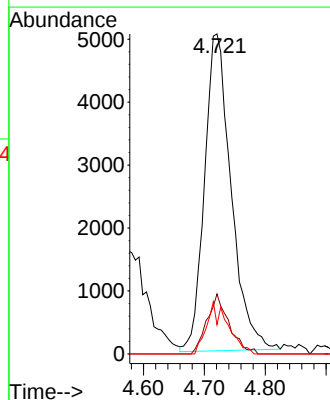
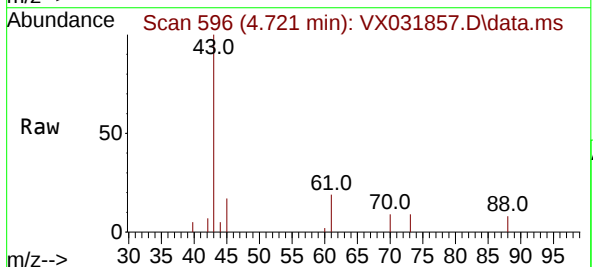
RT: 4.721 min Scan# 596

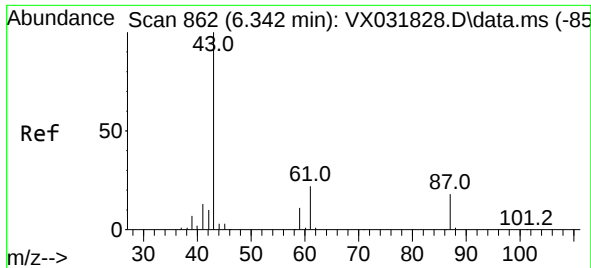
Delta R.T. 0.007 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

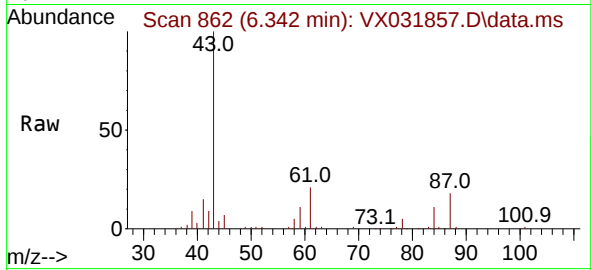
Tgt Ion:	43	Resp:	15288
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.1	16.7
70	13.2	8.6	13.0





#43
Isopropyl Acetate
Concen: 22.266 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

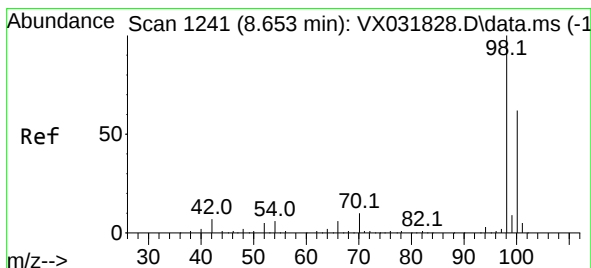
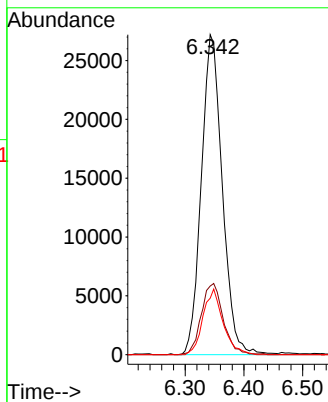
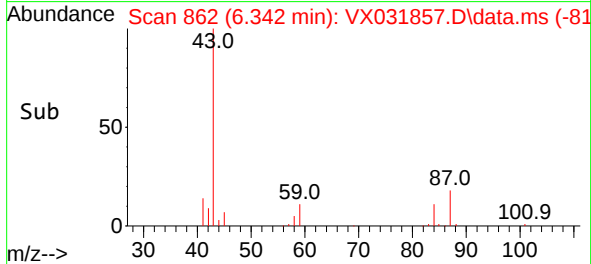
Instrument :
MSVOA_X
Client Sample Id :
S1



Tgt Ion: 43 Resp: 67548
Ion Ratio Lower Upper
43 100
61 23.2 15.3 22.9
87 19.6 10.6 15.8

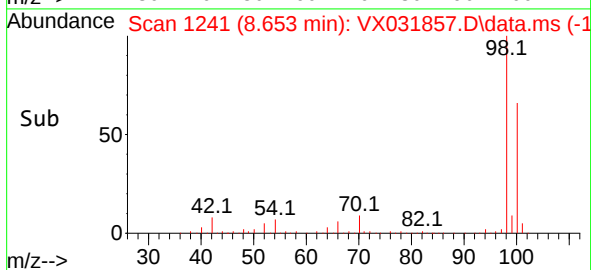
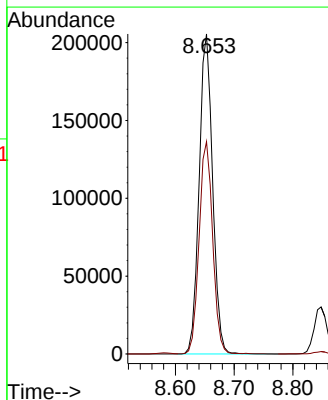
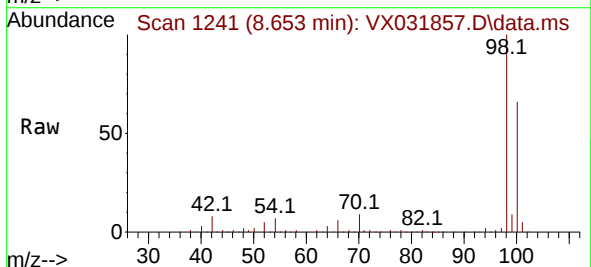
Manual Integrations
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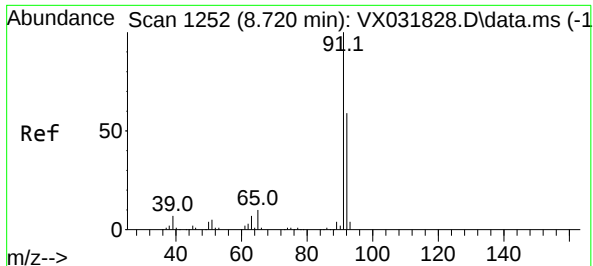
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#50
Toluene-d8
Concen: 45.720 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

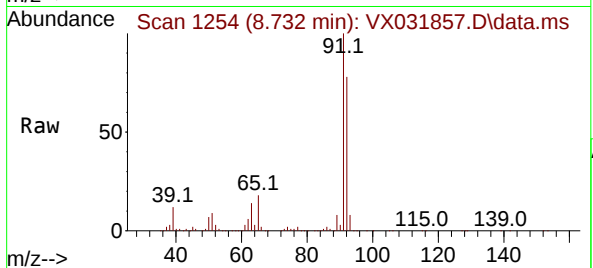
Tgt Ion: 98 Resp: 326955
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#52
Toluene
Concen: 1866.332 ug/l
RT: 8.732 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

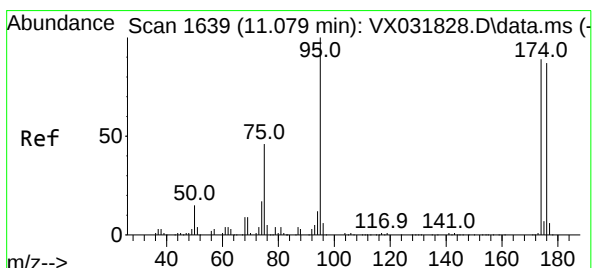
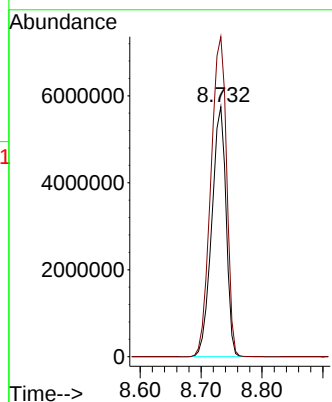
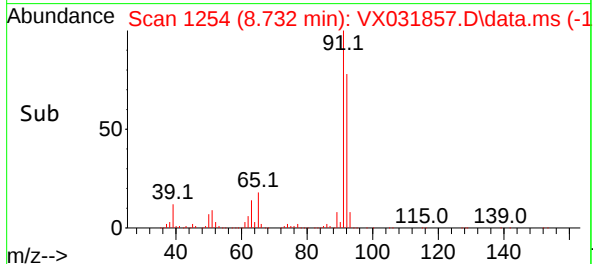
Instrument :
MSVOA_X
ClientSampleId :
S1



Tgt Ion: 92 Resp: 936906
Ion Ratio Lower Upper
92 100
91 140.9 137.1 205.7

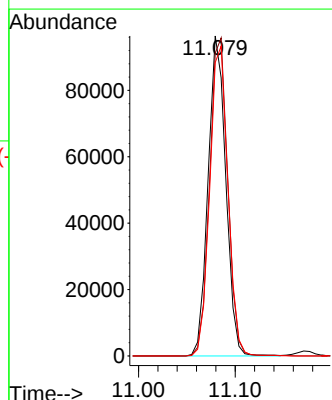
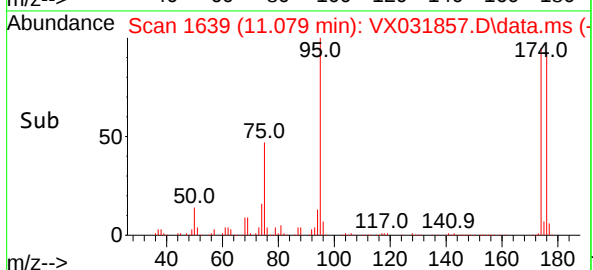
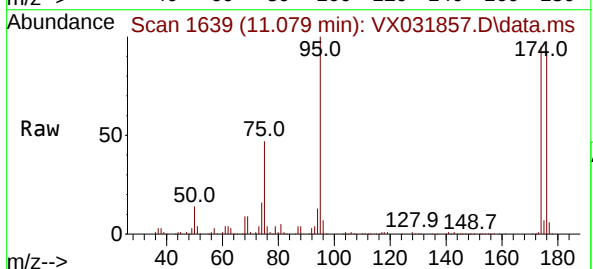
Manual Integrations
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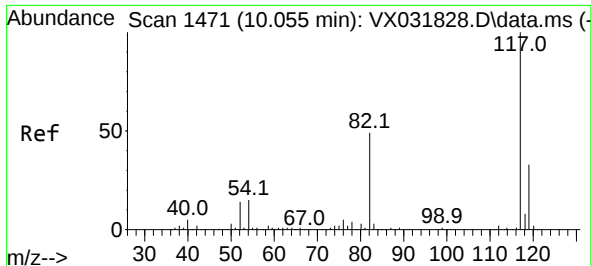
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#62
4-Bromofluorobenzene
Concen: 47.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

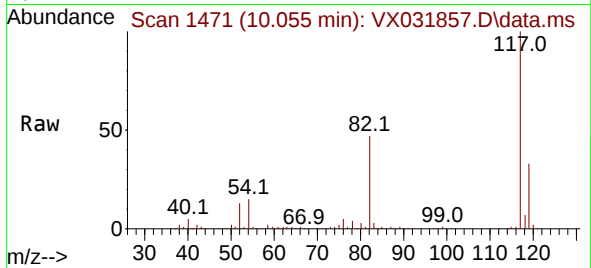
Tgt Ion: 95 Resp: 122918
Ion Ratio Lower Upper
95 100
174 102.1 0.0 153.2
176 99.1 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

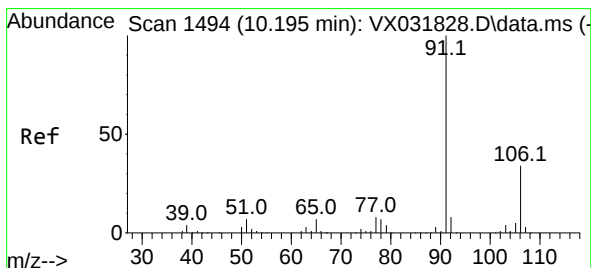
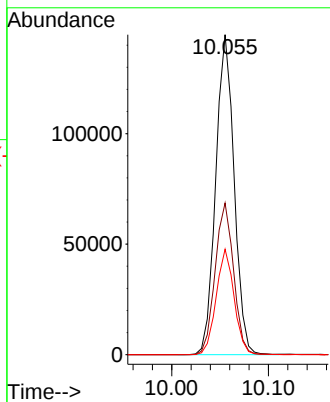
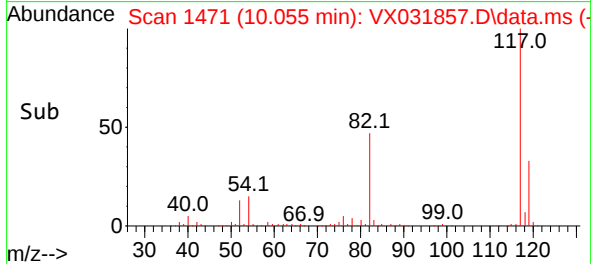
Instrument :
MSVOA_X
ClientSampleId :
S1



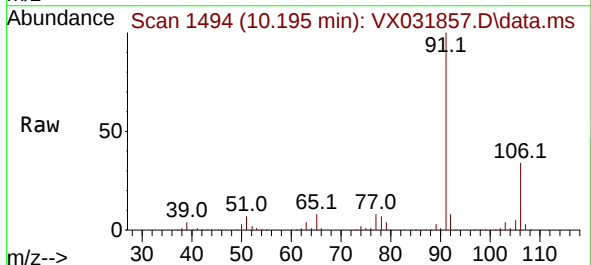
Tgt Ion:117 Resp: 19094
Ion Ratio Lower Upper
117 100
82 47.4 46.8 70.2
119 33.0 26.4 39.6

Manual Integrations
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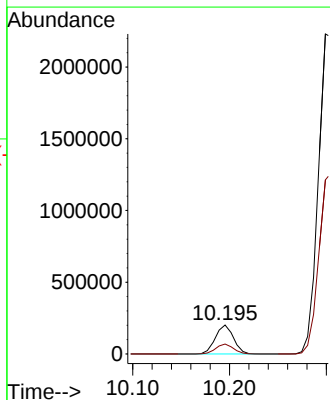
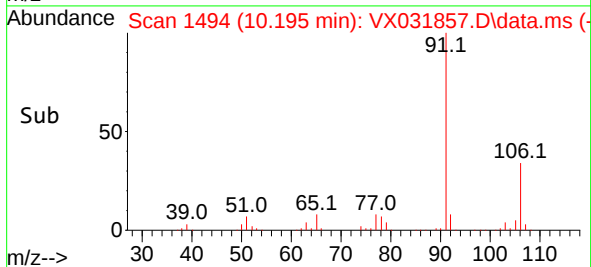
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

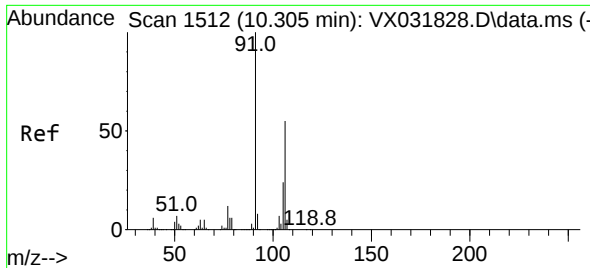


#67
Ethyl Benzene
Concen: 27.520 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26



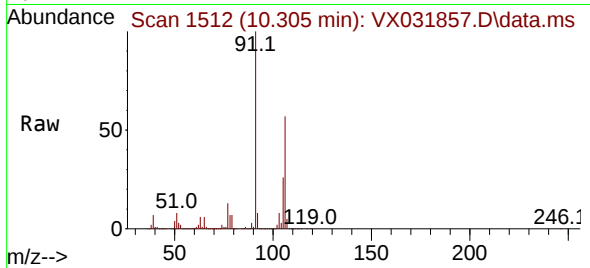
Tgt Ion: 91 Resp: 262276
Ion Ratio Lower Upper
91 100
106 34.4 25.2 37.8





#68
m/p-Xylenes
Concen: 436.663 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

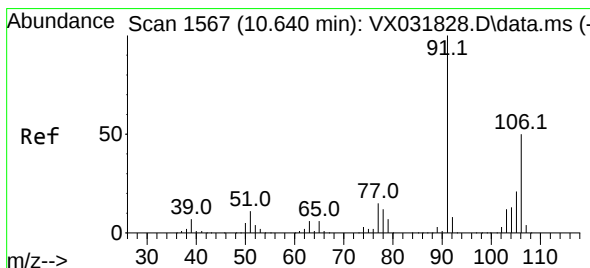
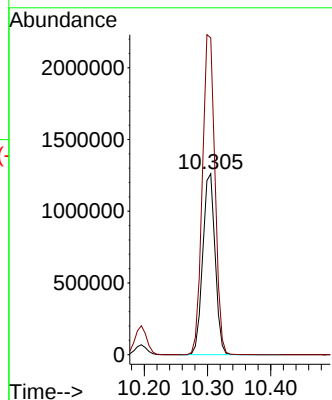
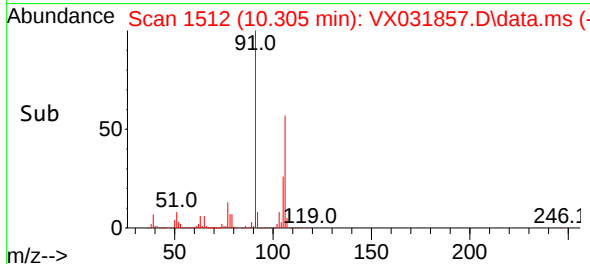
Instrument :
MSVOA_X
ClientSampleId :
S1



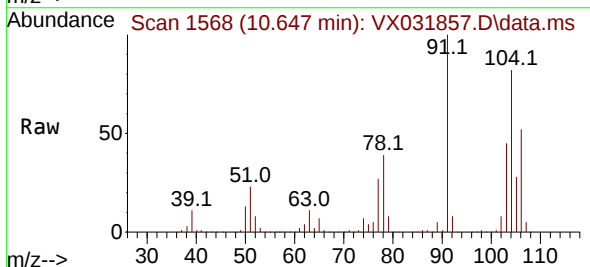
Tgt Ion:106 Resp: 1718059
Ion Ratio Lower Upper
106 100
91 180.7 161.0 241.4

Manual Integrations
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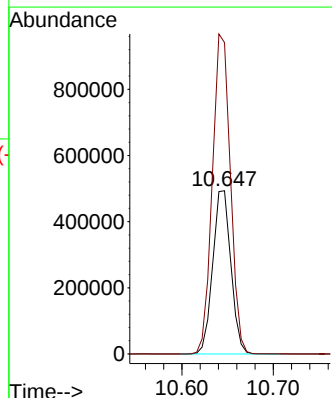
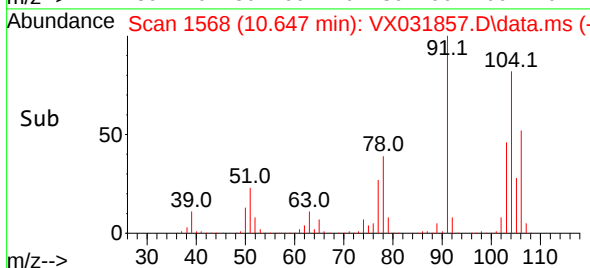
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

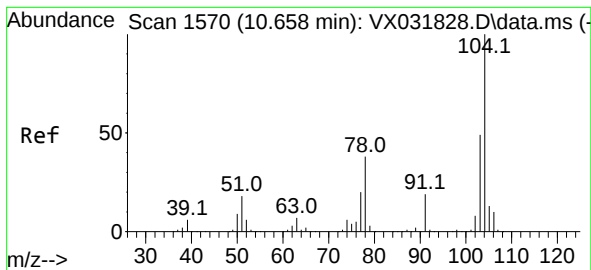


#69
o-Xylene
Concen: 179.470 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.007 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26



Tgt Ion:106 Resp: 680289
Ion Ratio Lower Upper
106 100
91 194.4 107.2 321.6





#70

Styrene

Concen: 389.988 ug/l

RT: 10.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

S1

Tgt Ion:104 Resp: 240276

Ion Ratio Lower Upper

104 100

78 41.2 41.4 62.2

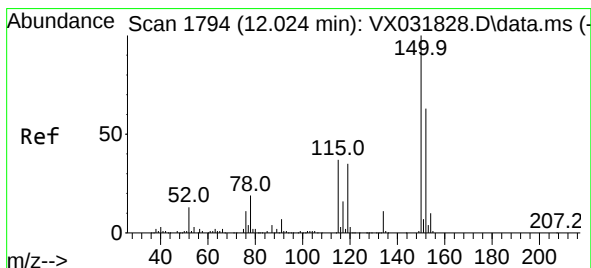
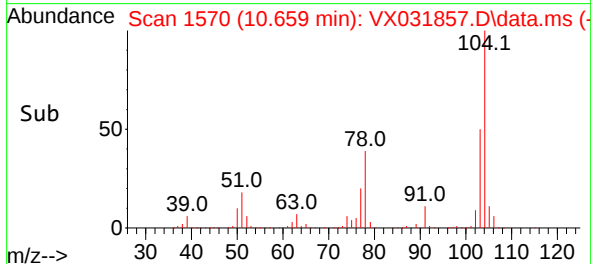
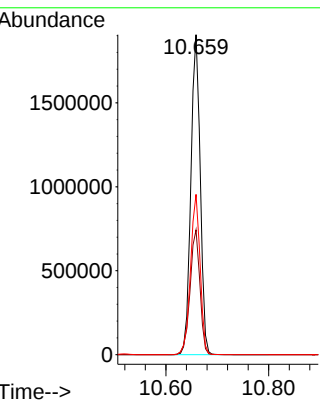
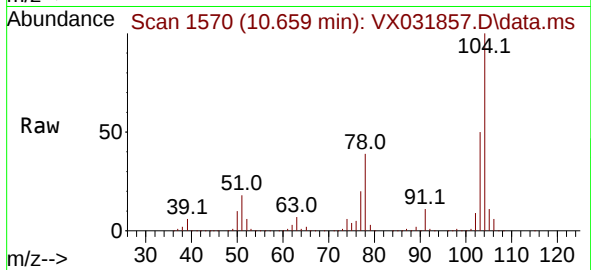
103 51.6 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

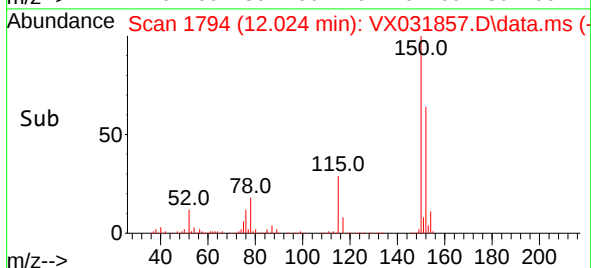
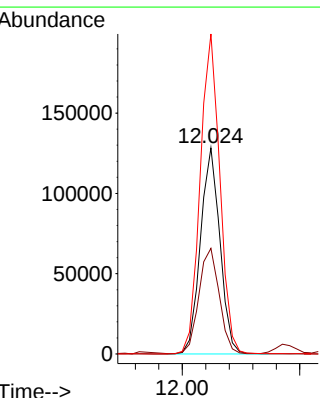
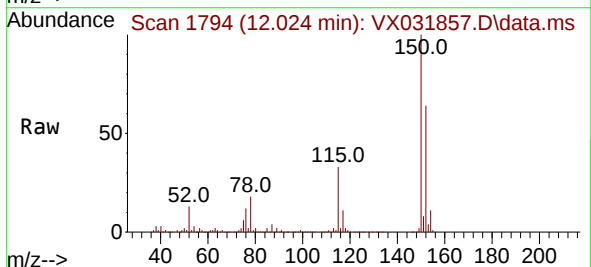
Tgt Ion:152 Resp: 147521

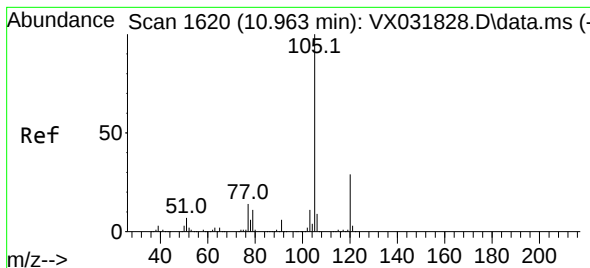
Ion Ratio Lower Upper

152 100

115 53.4 43.4 130.1

150 156.8 0.0 346.8





#73

Isopropylbenzene

Concen: 2.018 ug/l

RT: 10.957 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VX031857.D

Acq: 04 Oct 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

S1

Tgt Ion:105 Resp: 2103

Ion Ratio Lower Upper

105 100

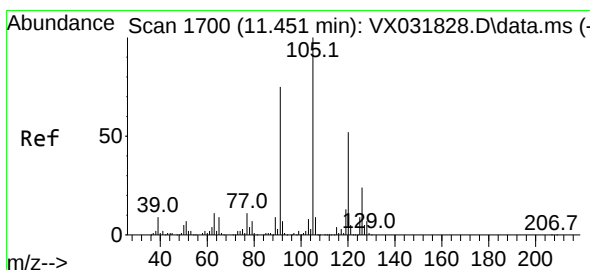
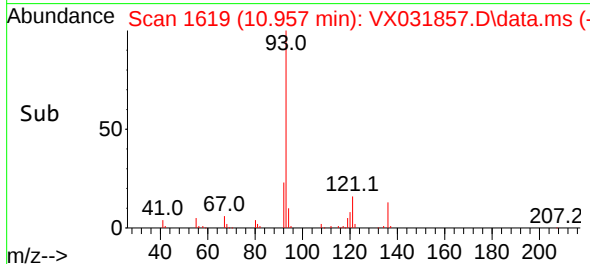
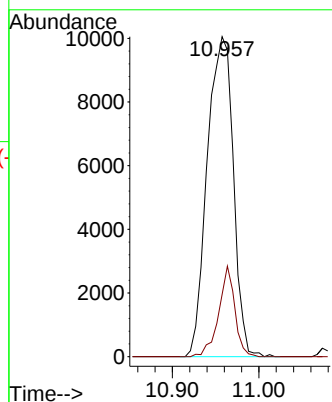
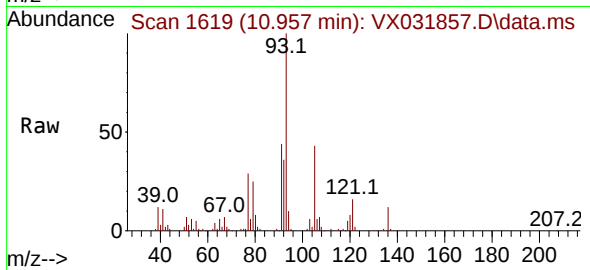
120 17.5 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#80

1,3,5-Trimethylbenzene

Concen: 22.883 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031857.D

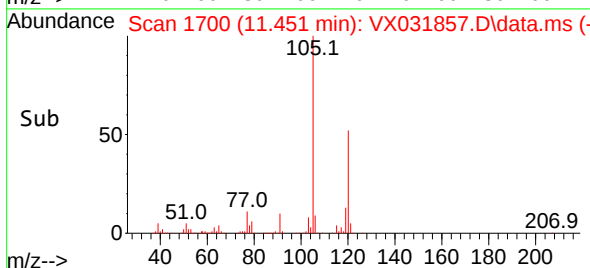
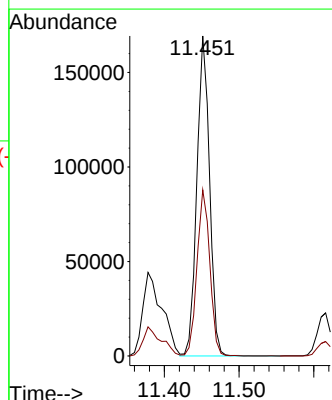
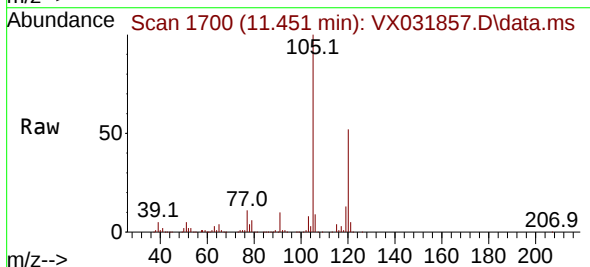
Acq: 04 Oct 2022 00:26

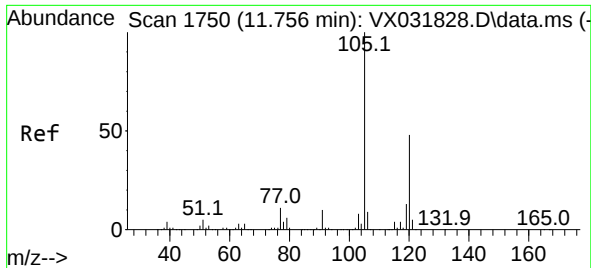
Tgt Ion:105 Resp: 199114

Ion Ratio Lower Upper

105 100

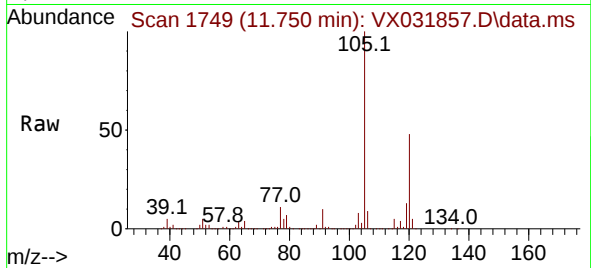
120 52.5 24.5 73.5





#84
1,2,4-Trimethylbenzene
Concen: 53.533 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

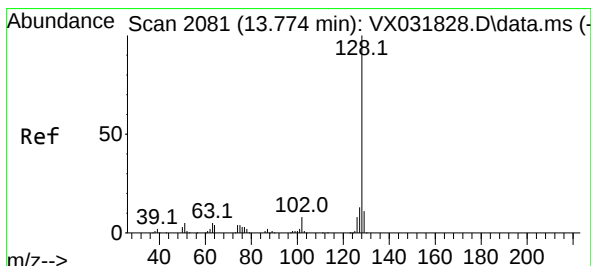
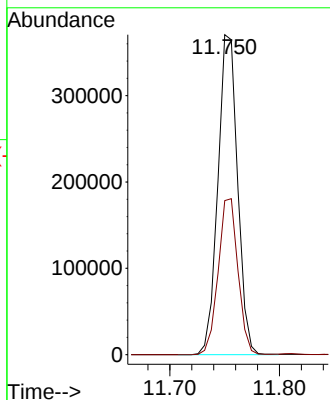
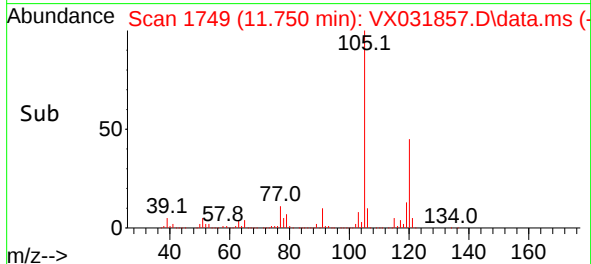
Instrument :
MSVOA_X
ClientSampleId :
S1



Tgt Ion:105 Resp: 463598
Ion Ratio Lower Upper
105 100
120 48.9 22.6 67.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#95
Naphthalene
Concen: 3488.222 ug/l m
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031857.D
Acq: 04 Oct 2022 00:26

Tgt Ion:128 Resp:34536552
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

