

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031855.D
 Acq On : 03 Oct 2022 23:40
 Operator : JC/MD
 Sample : N4914-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S2

Quant Time: Oct 04 08:03:40 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	78567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77965	55.390	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.780%			
35) Dibromofluoromethane	5.391	113	70062	45.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.420%			
50) Toluene-d8	8.647	98	267686	48.815	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.079	95	102764	52.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.080%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	16617	36.057	ug/l	91
20) Methylene Chloride	2.788	84	7883	6.402	ug/l #	74
37) Ethyl Acetate	4.721	43	14289	9.931	ug/l #	94
39) Methylcyclohexane	7.379	83	2348	1.007	ug/l #	84
40) Benzene	6.037	78	1354054	246.603	ug/l	99
43) Isopropyl Acetate	6.342	43	66011	28.376	ug/l #	91
52) Toluene	8.720	92	761230	197.752	ug/l	98
67) Ethyl Benzene	10.195	91	385306	50.047	ug/l	96
68) m/p-Xylenes	10.299	106	326711	102.789	ug/l	91
69) o-Xylene	10.640	106	210693	68.805	ug/l	91
73) Isopropylbenzene	10.963	105	22967	2.833	ug/l	97
78) n-propylbenzene	11.305	91	12219	1.379	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	64089	9.465	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	172352	25.576	ug/l	95
95) Naphthalene	13.786	128	15047479m	1953.147	ug/l	

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

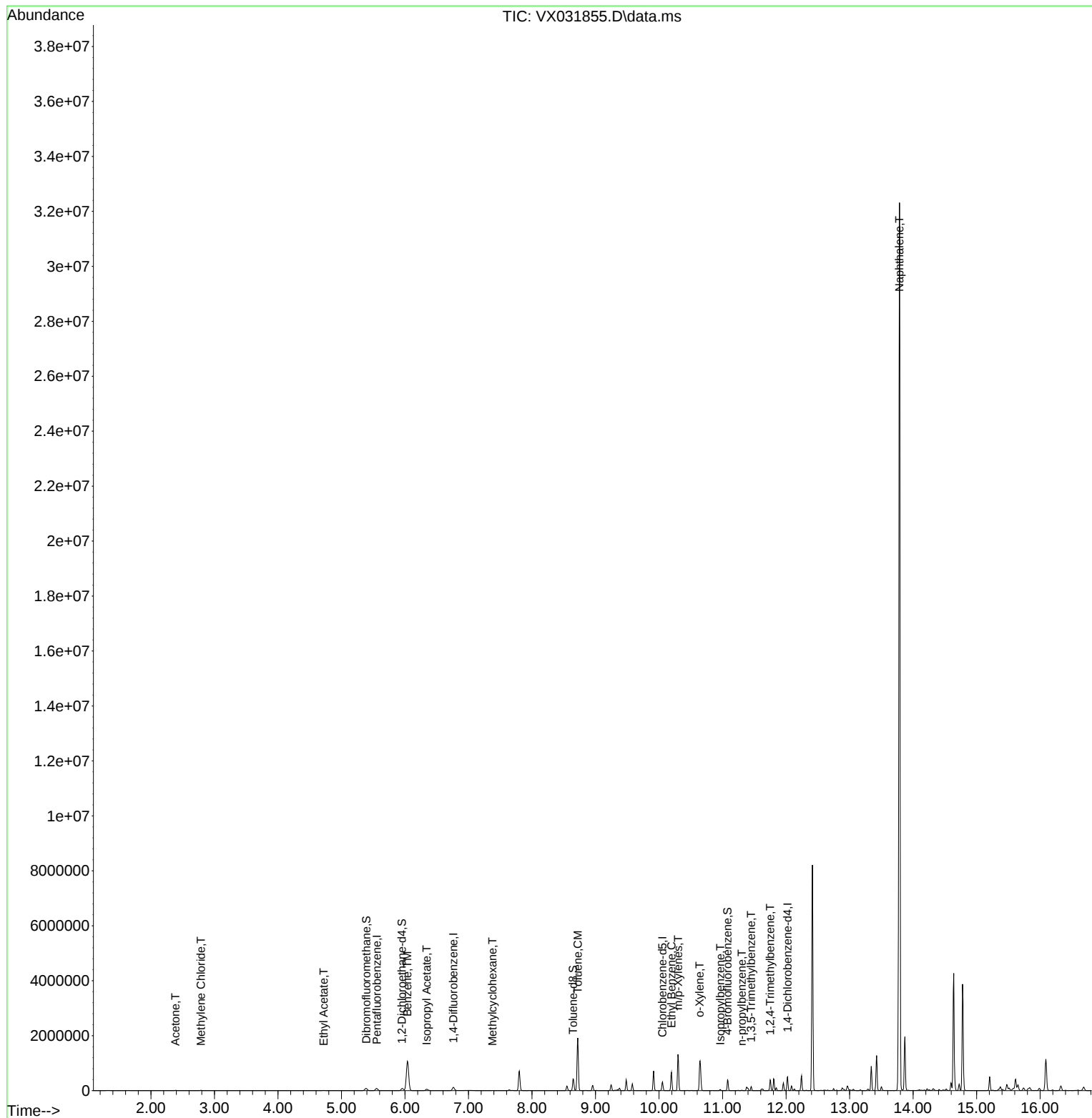
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
Data File : VX031855.D
Acq On : 03 Oct 2022 23:40
Operator : JC/MD
Sample : N4914-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

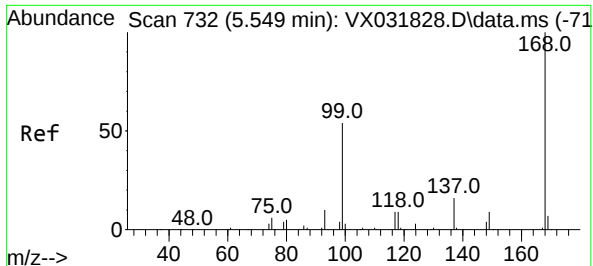
Instrument :
MSVOA_X
ClientSampleId :
S2

Quant Time: Oct 04 08:03:40 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





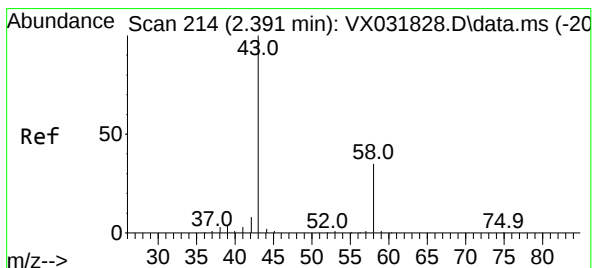
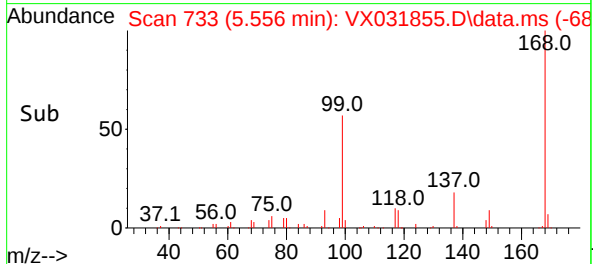
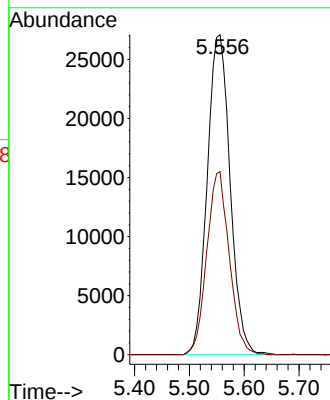
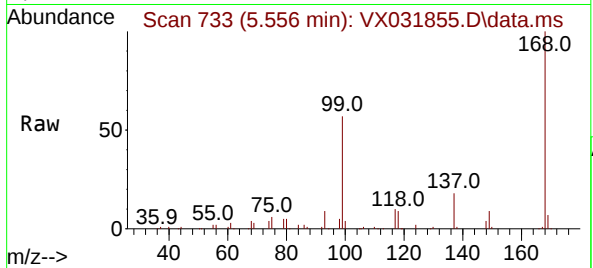
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
S2

Tgt Ion:168 Resp: 7856
Ion Ratio Lower Upper
168 100
99 57.2 48.8 73.2

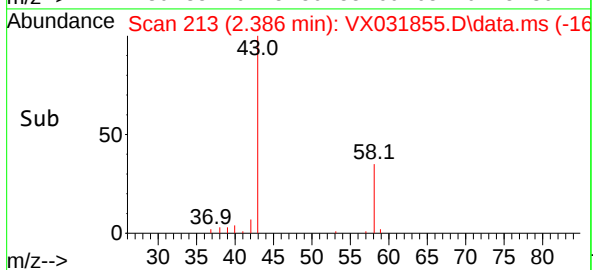
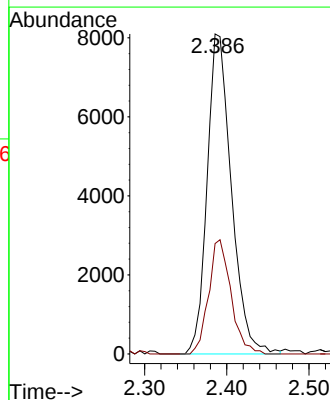
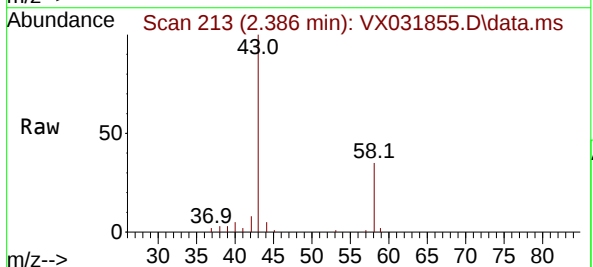
Manual Integrations
APPROVED

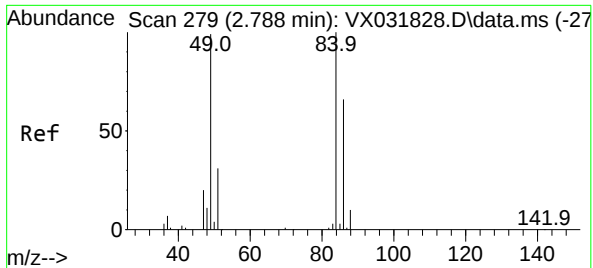
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 36.057 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

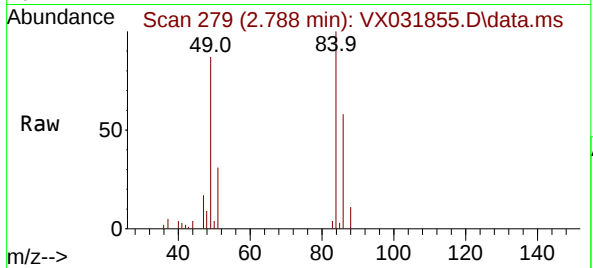
Tgt Ion: 43 Resp: 16617
Ion Ratio Lower Upper
43 100
58 34.5 23.8 35.8





#20
Methylene Chloride
Concen: 6.402 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

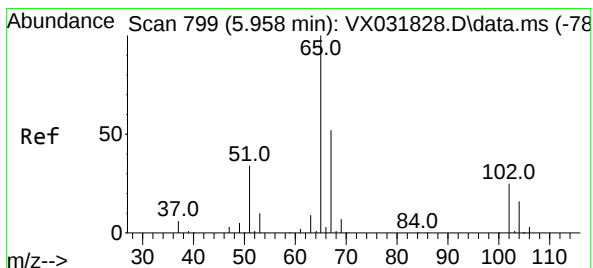
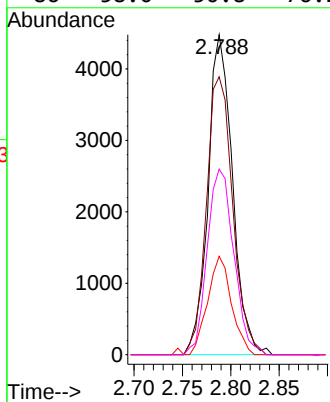
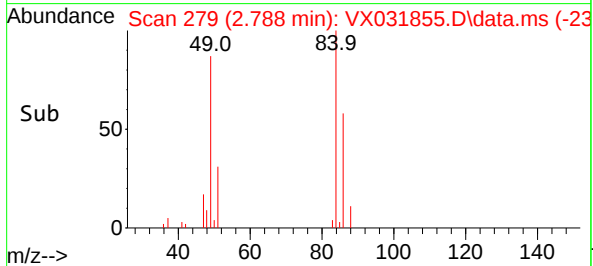
Instrument :
MSVOA_X
ClientSampleId :
S2



Tgt Ion: 84 Resp: 788
Ion Ratio Lower Upper
84 100
49 86.8 105.9 158.9
51 30.7 32.2 48.2
86 58.0 50.8 76.2

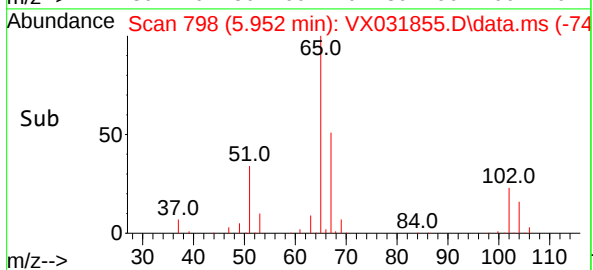
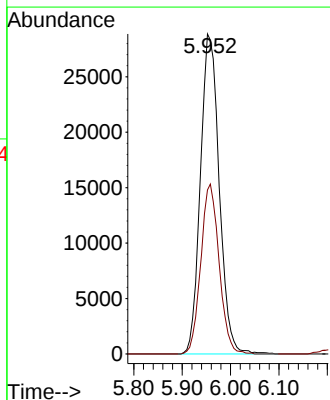
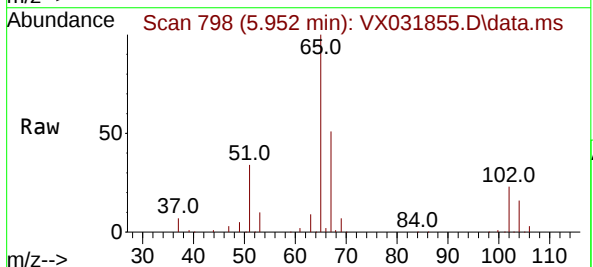
Manual Integrations
APPROVED

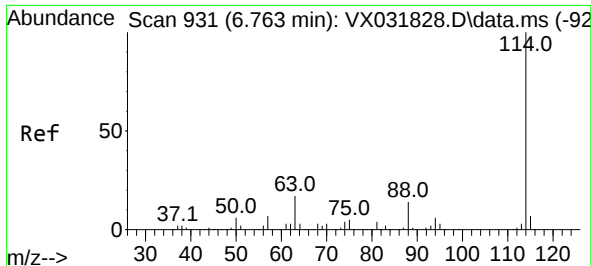
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#33
1,2-Dichloroethane-d4
Concen: 55.390 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

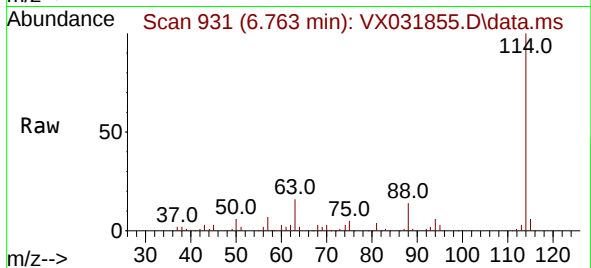
Tgt Ion: 65 Resp: 77965
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

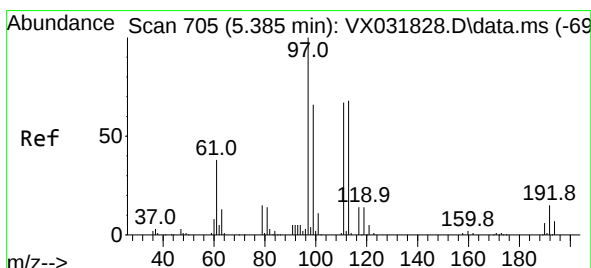
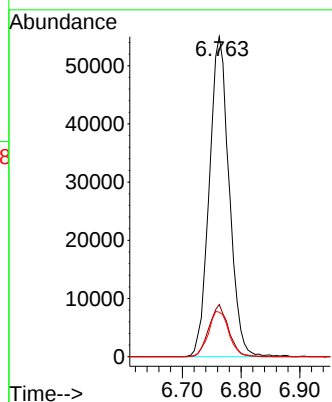
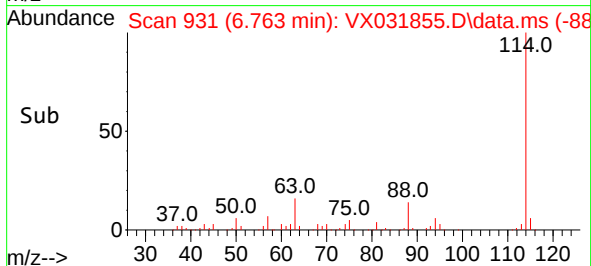
Instrument :
MSVOA_X
ClientSampleId :
S2



Tgt Ion:114 Resp: 129019
Ion Ratio Lower Upper
114 100
63 16.3 0.0 42.6
88 13.9 0.0 33.0

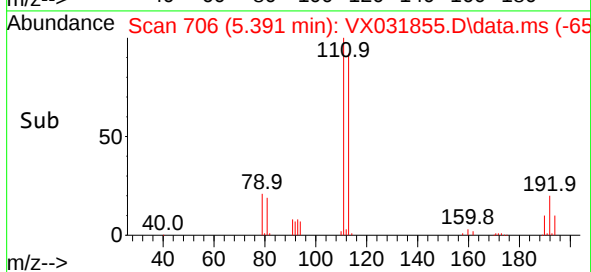
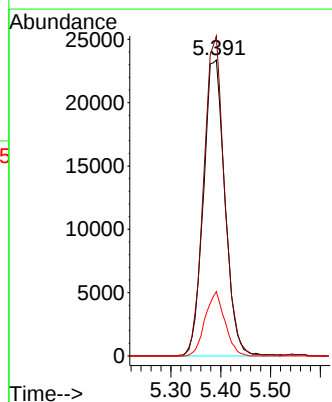
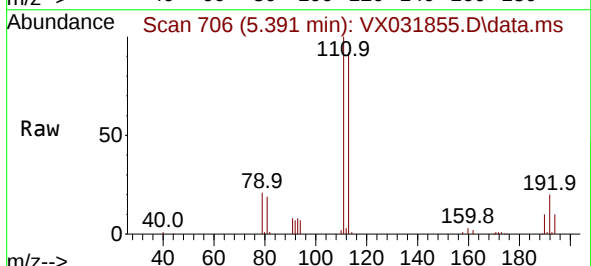
Manual Integrations
APPROVED

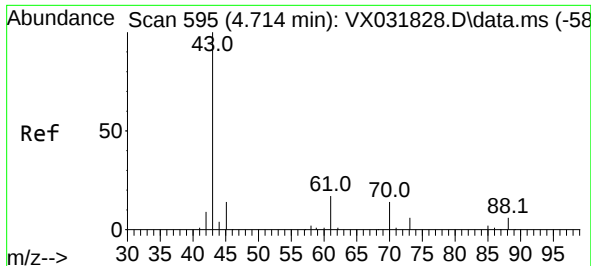
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#35
Dibromofluoromethane
Concen: 45.706 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Tgt Ion:113 Resp: 70062
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 20.0 14.1 21.1





#37

Ethyl Acetate

Concen: 9.931 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.007 min

Lab File: VX031855.D

Acq: 03 Oct 2022 23:40

Instrument :

MSVOA_X

ClientSampleId :

S2

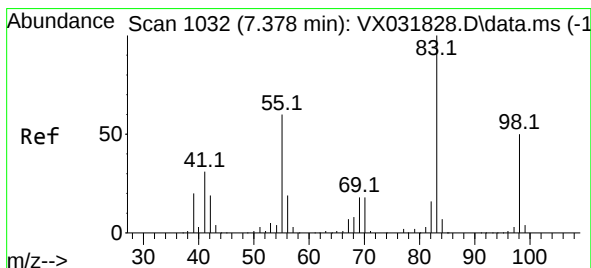
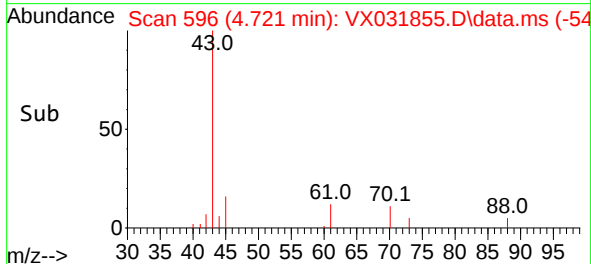
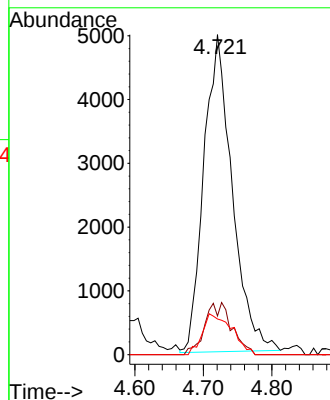
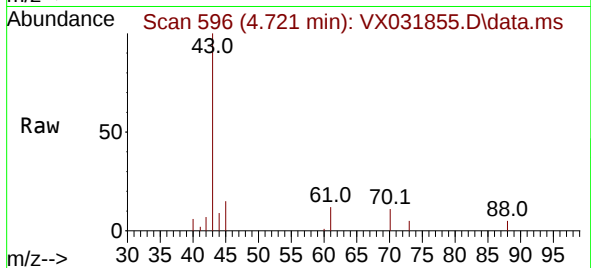
Tgt Ion:	43	Resp:	1428
Ion Ratio	Lower	Upper	
43	100		
61	15.7	11.1	16.7
70	13.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#39

Methylcyclohexane

Concen: 1.007 ug/l

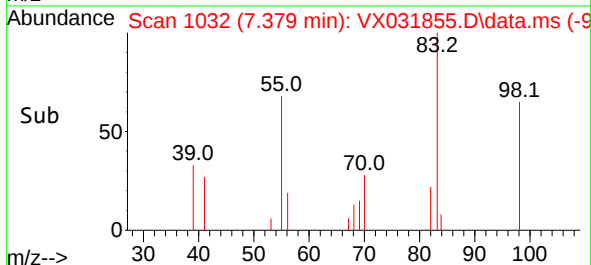
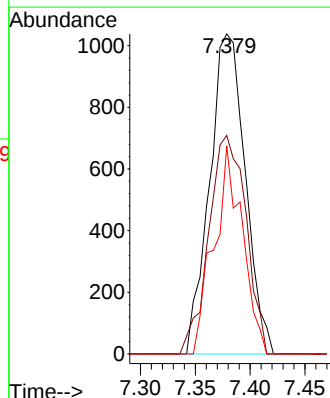
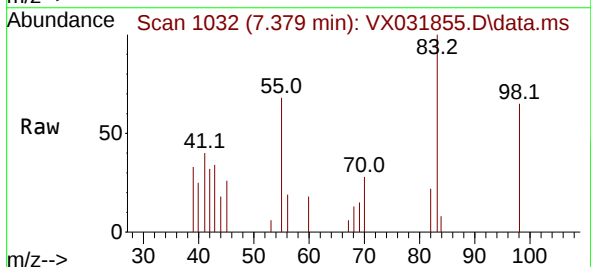
RT: 7.379 min Scan# 1032

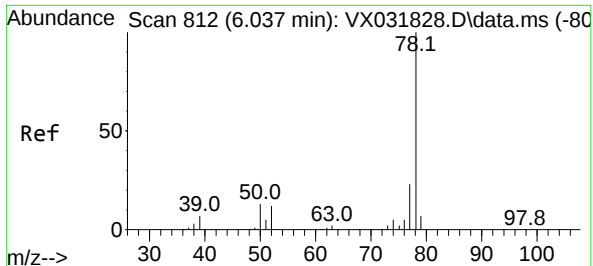
Delta R.T. -0.000 min

Lab File: VX031855.D

Acq: 03 Oct 2022 23:40

Tgt Ion:	83	Resp:	2348
Ion Ratio	Lower	Upper	
83	100		
55	68.3	61.0	91.4
98	65.0	37.7	56.5





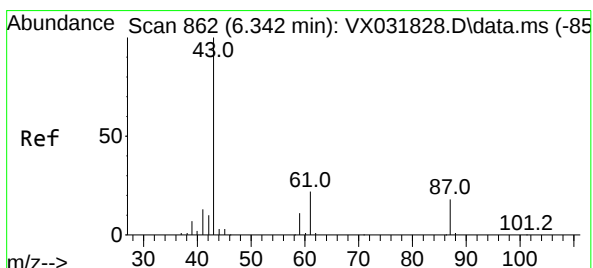
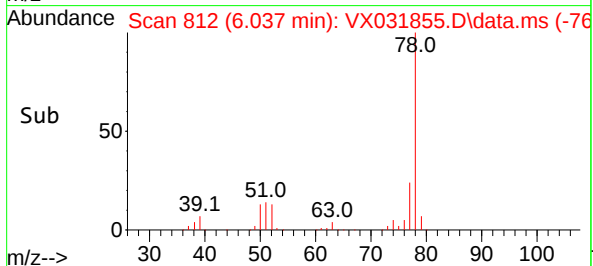
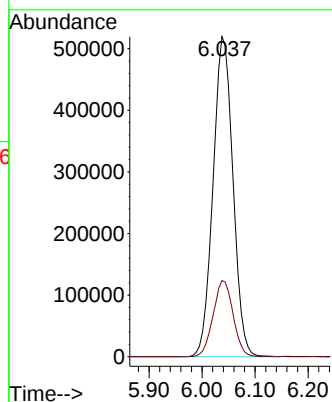
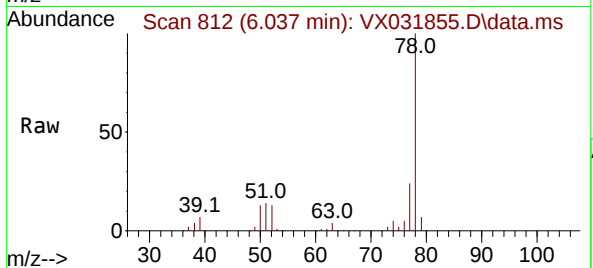
#40
Benzene
Concen: 246.603 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
Client Sample Id :
S2

Tgt Ion: 78 Resp: 1354054
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

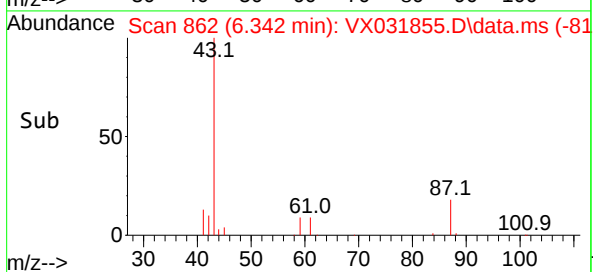
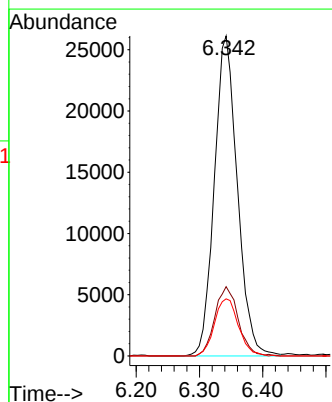
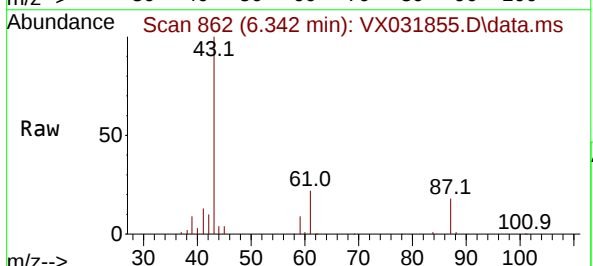
Manual Integrations
APPROVED

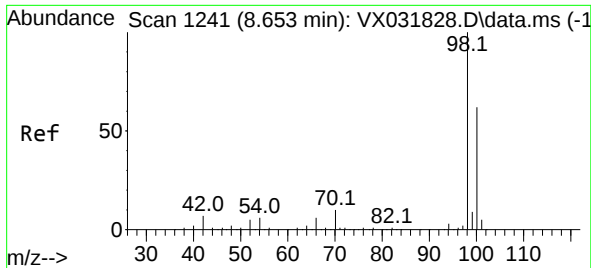
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#43
Isopropyl Acetate
Concen: 28.376 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Tgt Ion: 43 Resp: 66011
Ion Ratio Lower Upper
43 100
61 22.0 15.3 22.9
87 18.7 10.6 15.8#





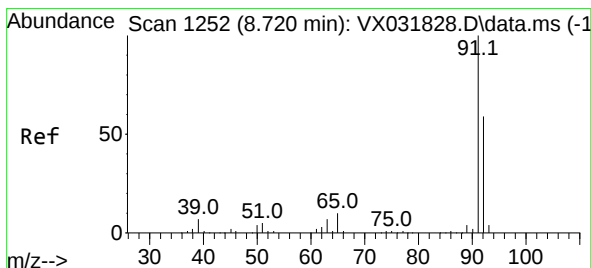
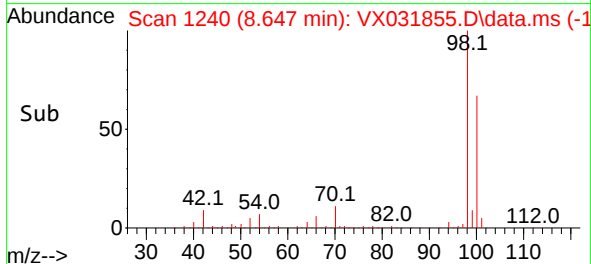
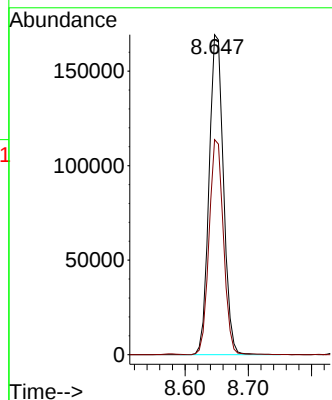
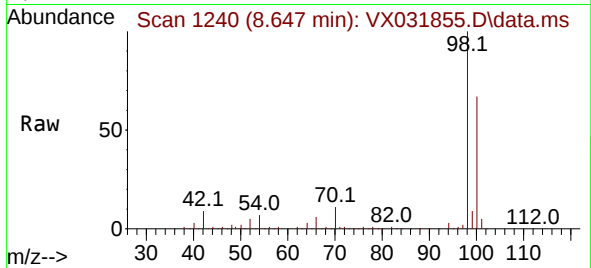
#50
Toluene-d8
Concen: 48.815 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
S2

Tgt Ion: 98 Resp: 267680
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7

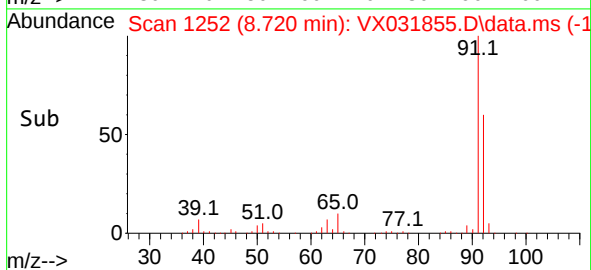
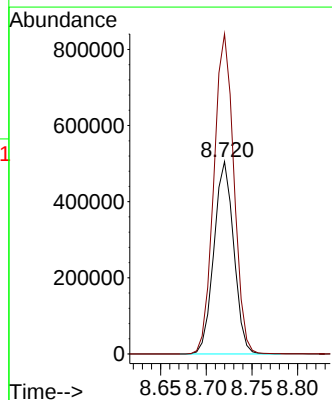
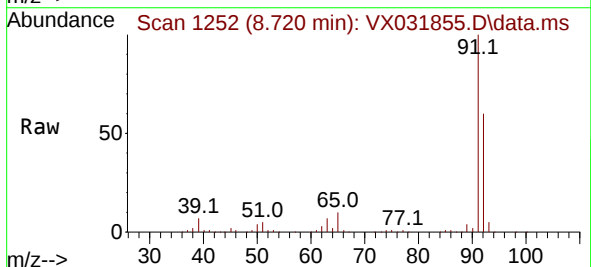
Manual Integrations
APPROVED

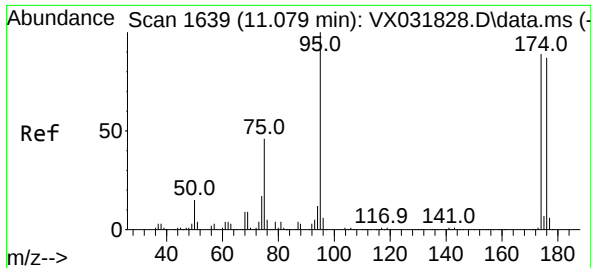
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 197.752 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

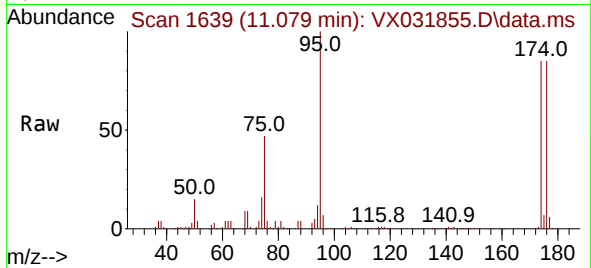
Tgt Ion: 92 Resp: 761230
Ion Ratio Lower Upper
92 100
91 168.2 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 52.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

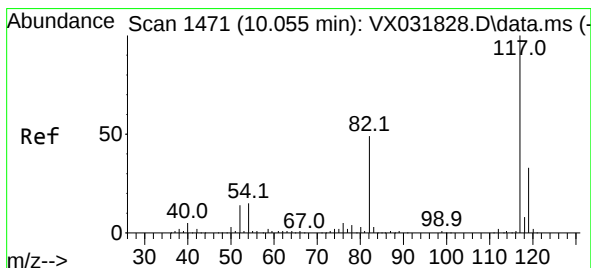
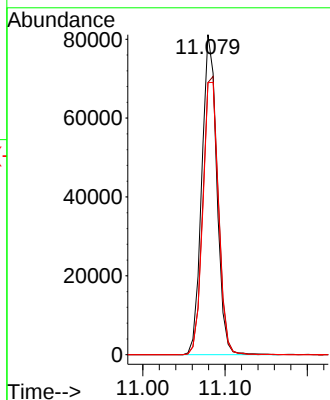
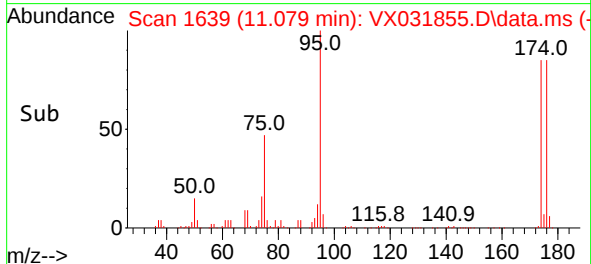
Instrument :
MSVOA_X
ClientSampleId :
S2



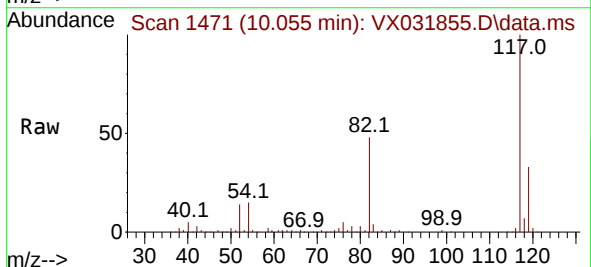
Tgt Ion: 95 Resp: 102764
Ion Ratio Lower Upper
95 100
174 90.7 0.0 153.2
176 88.6 0.0 144.0

Manual Integrations
APPROVED

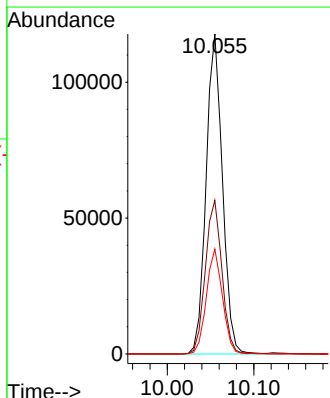
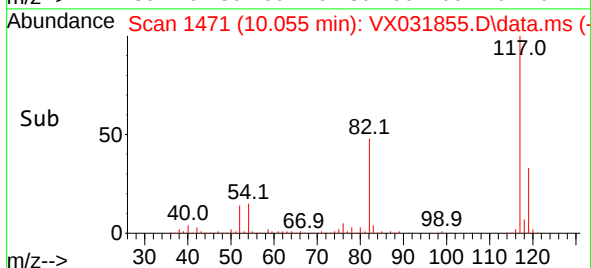
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

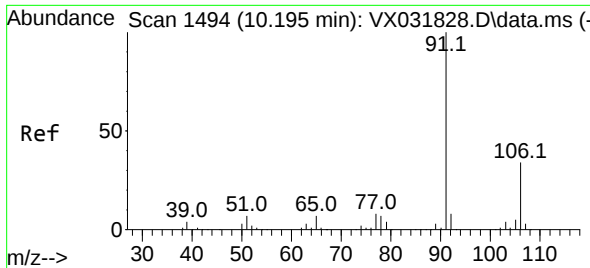


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40



Tgt Ion:117 Resp: 154252
Ion Ratio Lower Upper
117 100
82 48.0 46.8 70.2
119 32.8 26.4 39.6





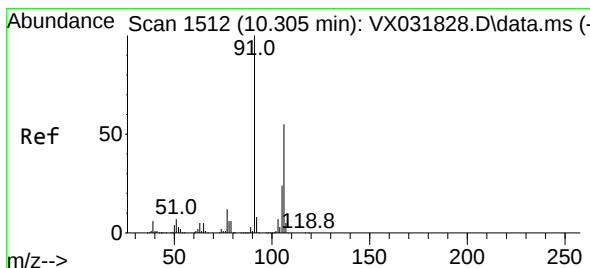
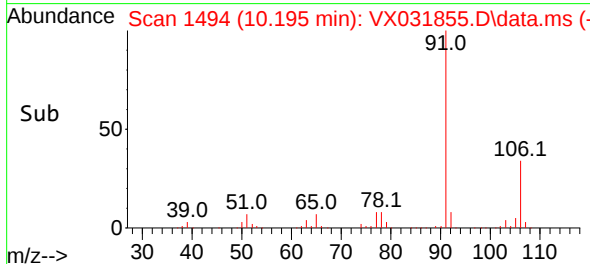
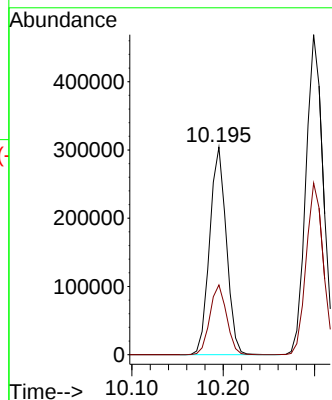
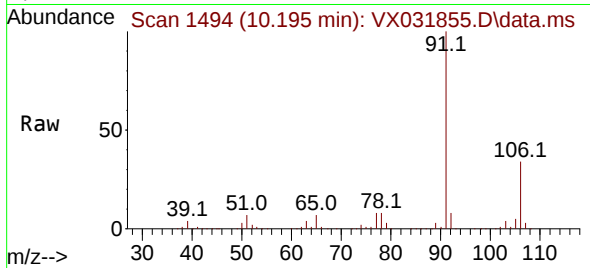
#67
Ethyl Benzene
Concen: 50.047 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
S2

Tgt Ion: 91 Resp: 385300
Ion Ratio Lower Upper
91 100
106 33.6 25.2 37.8

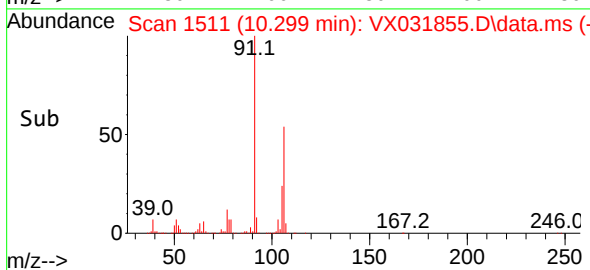
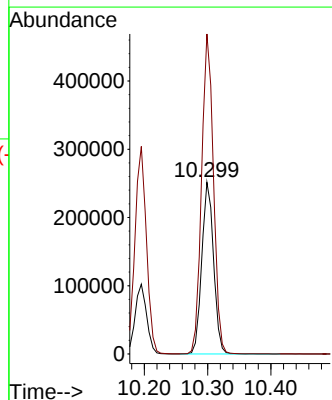
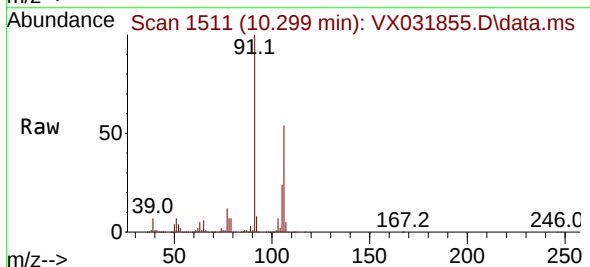
Manual Integrations
APPROVED

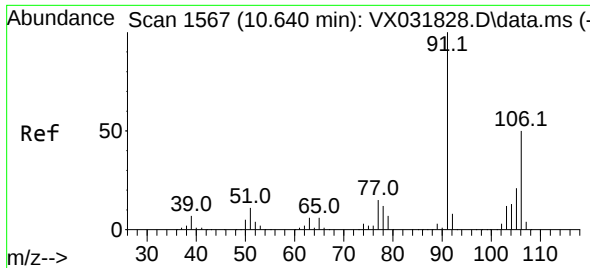
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#68
m/p-Xylenes
Concen: 102.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Tgt Ion:106 Resp: 326711
Ion Ratio Lower Upper
106 100
91 187.5 161.0 241.4





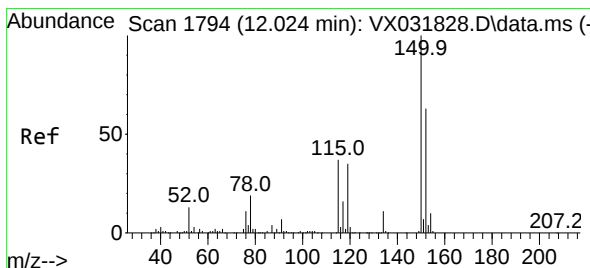
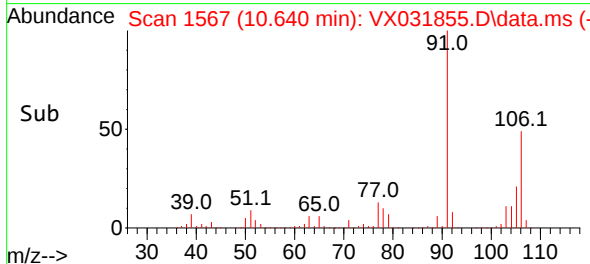
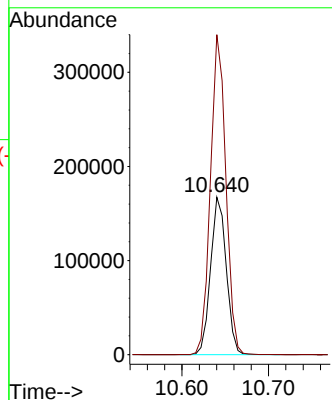
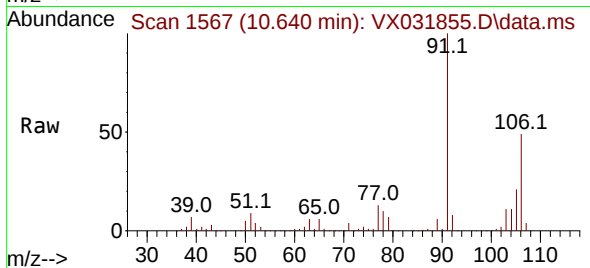
#69
o-Xylene
Concen: 68.805 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
S2

Tgt Ion:106 Resp: 21069
Ion Ratio Lower Upper
106 100
91 199.5 107.2 321.6

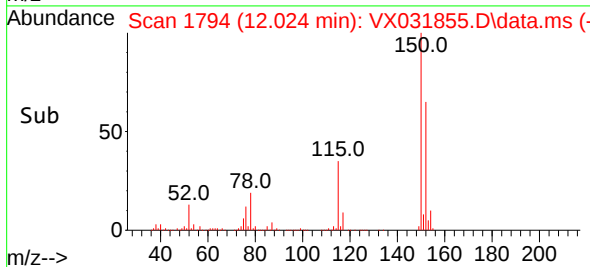
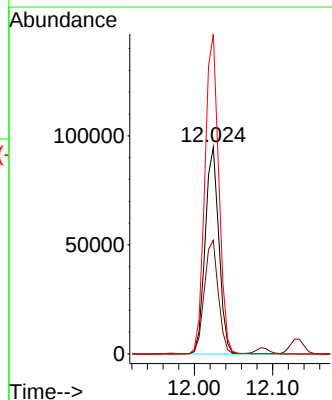
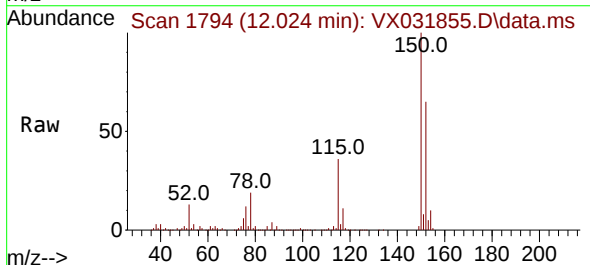
Manual Integrations
APPROVED

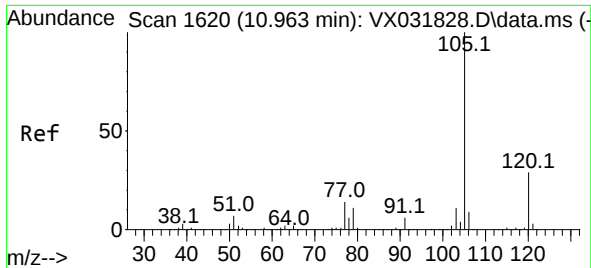
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Tgt Ion:152 Resp: 114791
Ion Ratio Lower Upper
152 100
115 55.8 43.4 130.1
150 157.2 0.0 346.8





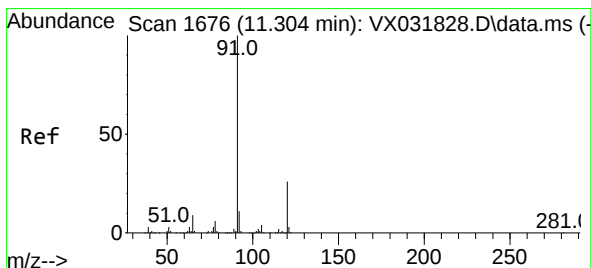
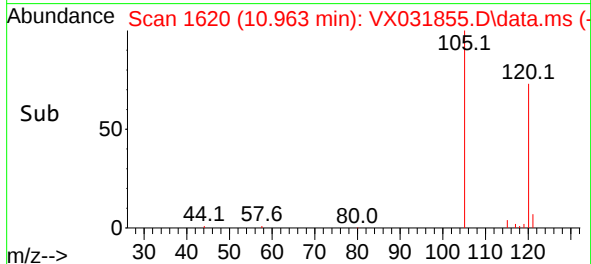
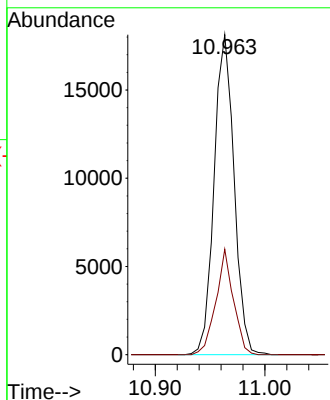
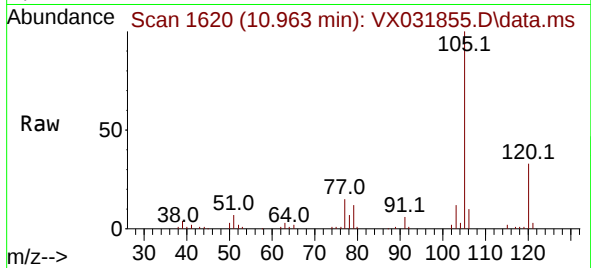
#73
Isopropylbenzene
Concen: 2.833 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
S2

Tgt Ion:105 Resp: 2296
Ion Ratio Lower Upper
105 100
120 29.0 13.7 41.0

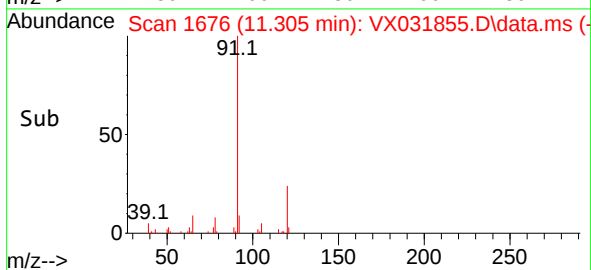
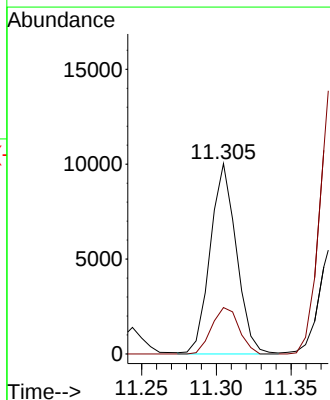
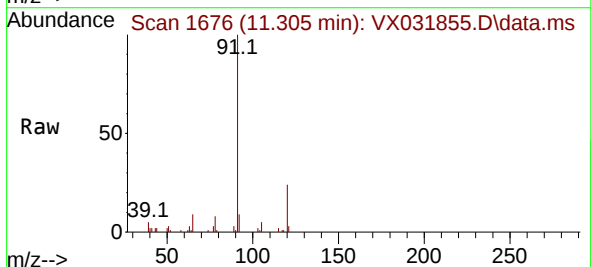
Manual Integrations
APPROVED

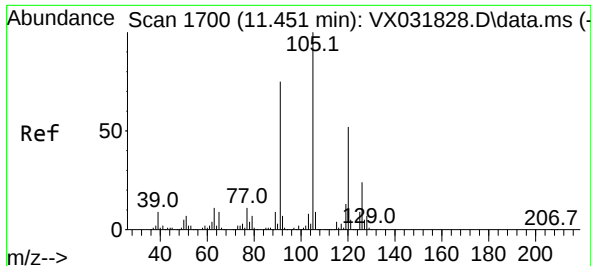
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#78
n-propylbenzene
Concen: 1.379 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

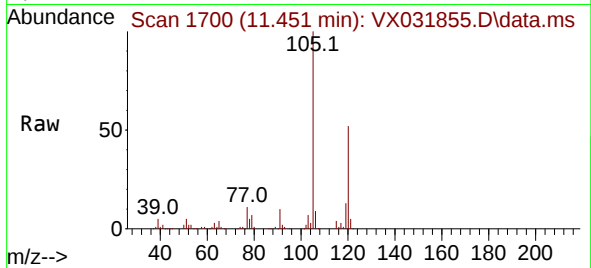
Tgt Ion: 91 Resp: 12219
Ion Ratio Lower Upper
91 100
120 25.5 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 9.465 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

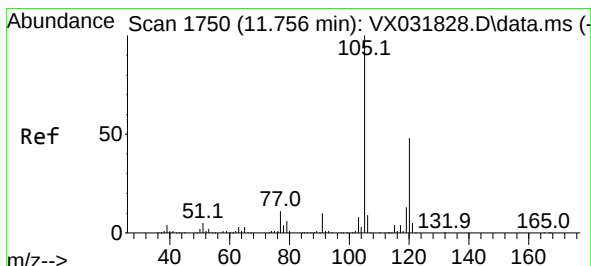
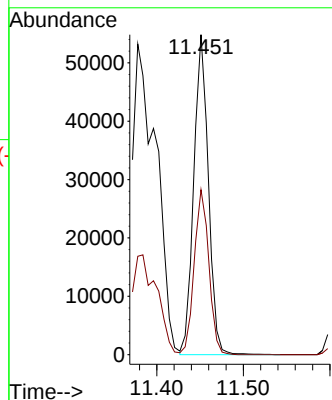
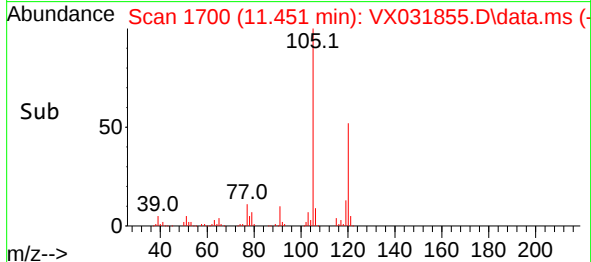
Instrument :
MSVOA_X
ClientSampleId :
S2



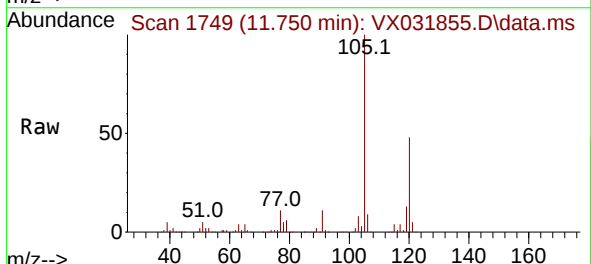
Tgt Ion:105 Resp: 64089
Ion Ratio Lower Upper
105 100
120 51.7 24.5 73.5

Manual Integrations
APPROVED

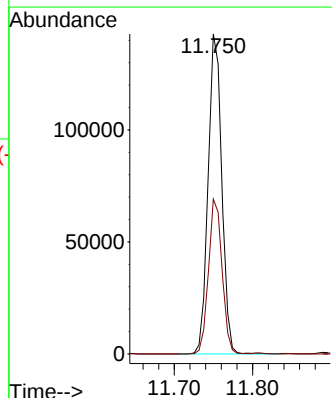
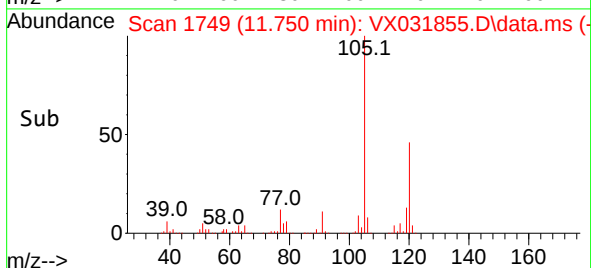
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

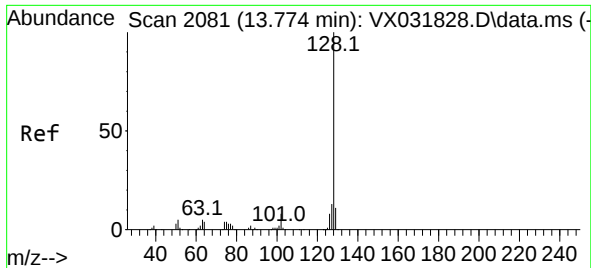


#84
1,2,4-Trimethylbenzene
Concen: 25.576 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40



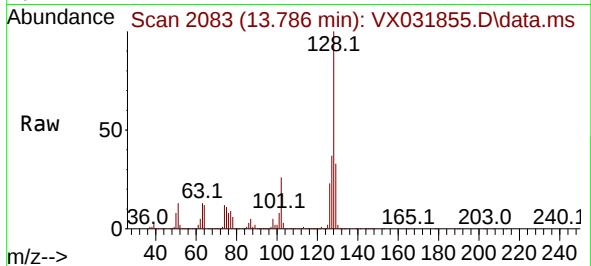
Tgt Ion:105 Resp: 172352
Ion Ratio Lower Upper
105 100
120 48.2 22.6 67.8





#95
Naphthalene
Concen: 1953.147 ug/l m
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX031855.D
Acq: 03 Oct 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
S2



Tgt Ion:128 Resp:15047479
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6
129 0.0 8.8 13.2

Manual Integrations
APPROVED

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

