

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038455.D
 Acq On : 24 Oct 2023 15:08
 Operator : JC/MD
 Sample : 04975-02 10X
 Misc : 1.26g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 06:08:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161198	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	283547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103026	39.736	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.480%		
35) Dibromofluoromethane	5.385	113	91089	44.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.160%		
50) Toluene-d8	8.647	98	349665	44.787	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.580%#		
62) 4-Bromofluorobenzene	11.079	95	142712	48.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	4915	4.542	ug/l	94
31) Cyclohexane	5.501	56	9289m	3.307	ug/l	
39) Methylcyclohexane	7.385	83	14179	4.296	ug/l #	87
52) Toluene	8.720	92	350257	68.233	ug/l	95
67) Ethyl Benzene	10.195	91	49894	4.625	ug/l	98
68) m/p-Xylenes	10.299	106	63924	15.326	ug/l	98
69) o-Xylene	10.640	106	31278	7.683	ug/l	99
73) Isopropylbenzene	10.963	105	19067	1.754	ug/l	99
78) n-propylbenzene	11.305	91	58667	4.415	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	48057	5.125	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	162066	17.336	ug/l	97
85) sec-Butylbenzene	11.890	105	24254	2.044	ug/l	87
86) p-Isopropyltoluene	12.006	119	11148	1.138	ug/l	94
89) n-Butylbenzene	12.329	91	34609	3.549	ug/l #	56

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

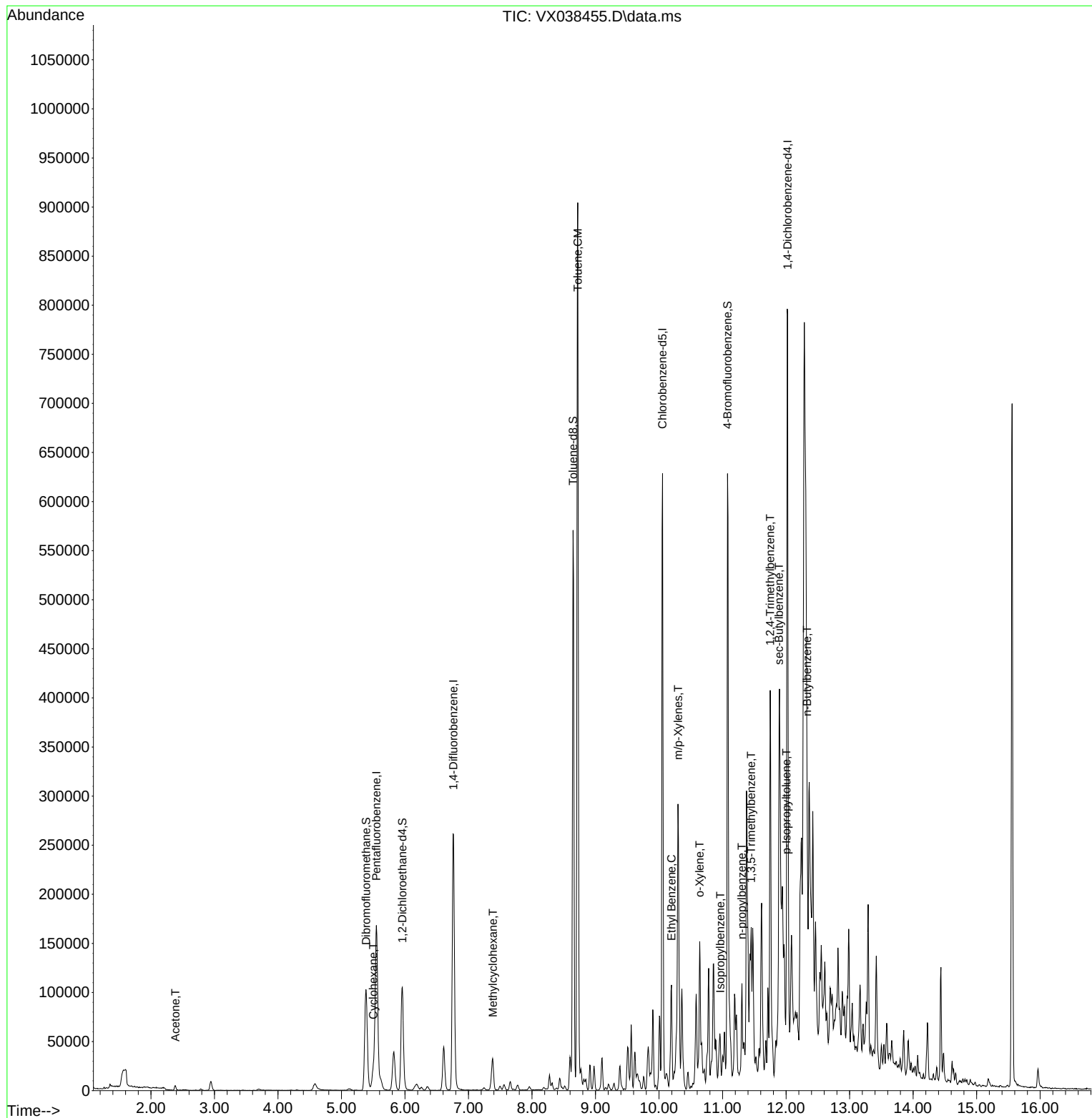
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
Data File : VX038455.D
Acq On : 24 Oct 2023 15:08
Operator : JC/MD
Sample : 04975-02 10X
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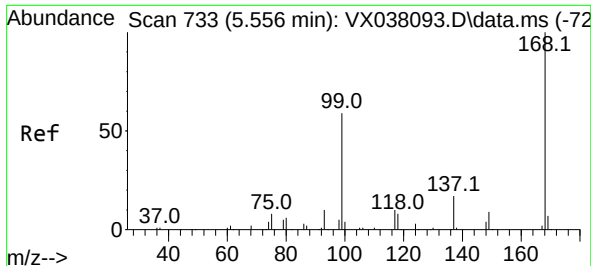
Instrument :
MSVOA_X
ClientSampleId :
56

Quant Time: Oct 25 06:08:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

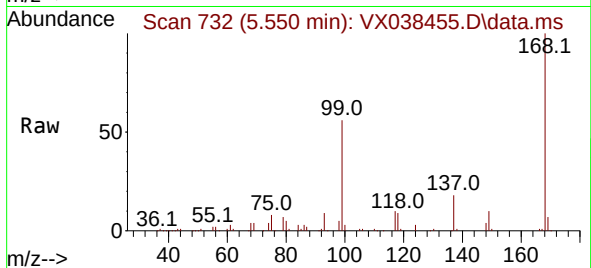
Reviewed By : John Carlone 10/25/2023
Supervised By : Mahesh Dadoda 10/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

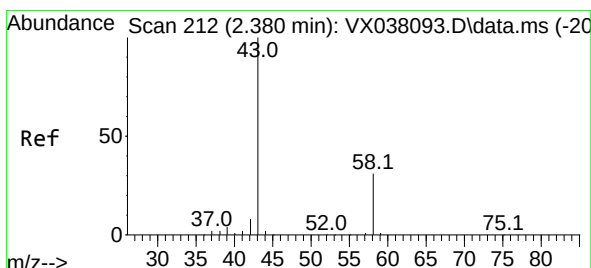
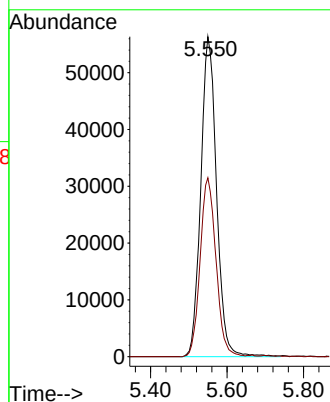
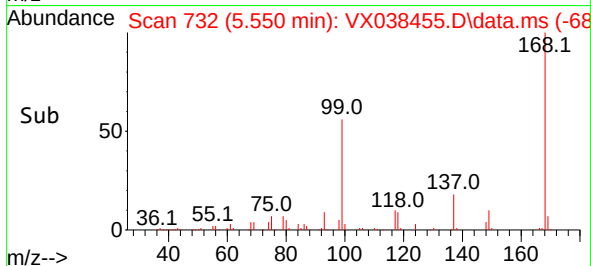
Instrument :
MSVOA_X
ClientSampleId :
56



Tgt Ion:168 Resp: 161198
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0

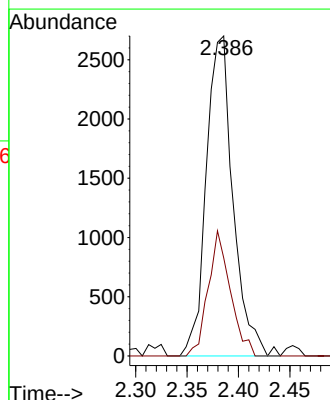
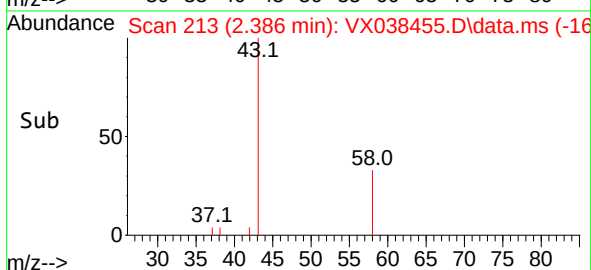
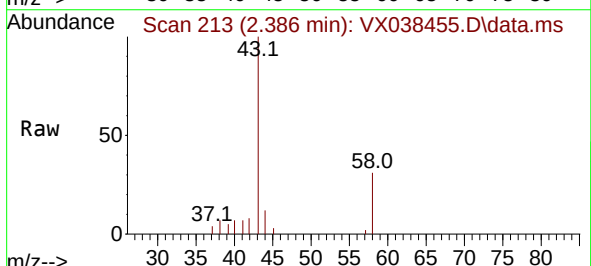
Manual Integrations
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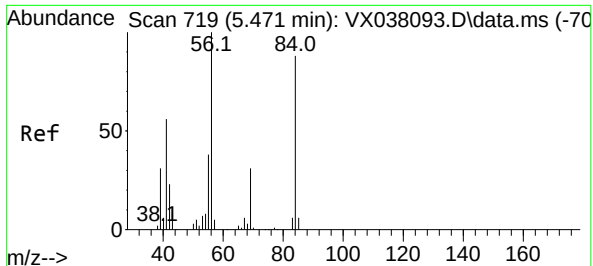
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#16
Acetone
Concen: 4.542 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

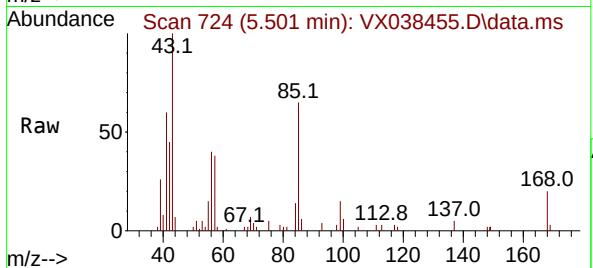
Tgt Ion: 43 Resp: 4915
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#31
Cyclohexane
Concen: 3.307 ug/l m
RT: 5.501 min Scan# 719
Delta R.T. 0.030 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

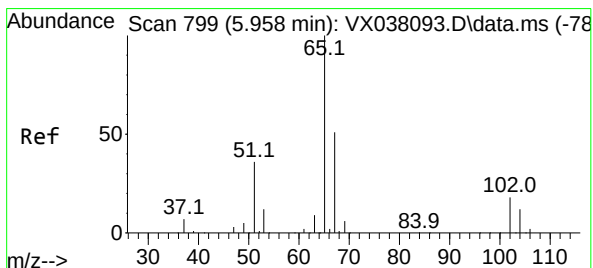
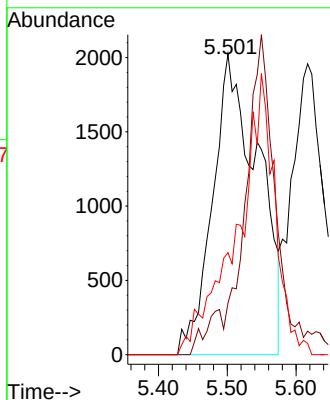
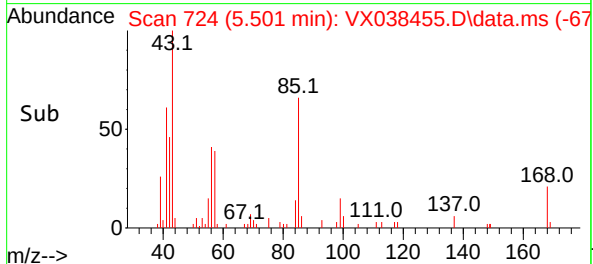
Instrument :
MSVOA_X
ClientSampleId :
56



Tgt Ion: 56 Resp: 9289
Ion Ratio Lower Upper
56 100
69 17.1 23.4 35.2
84 33.9 65.9 98.9

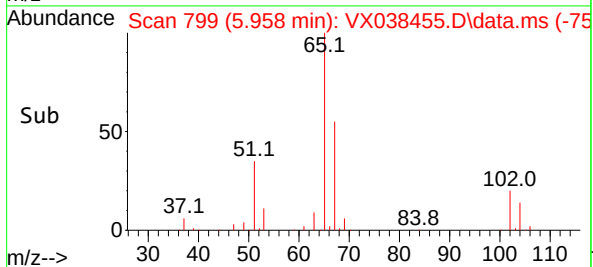
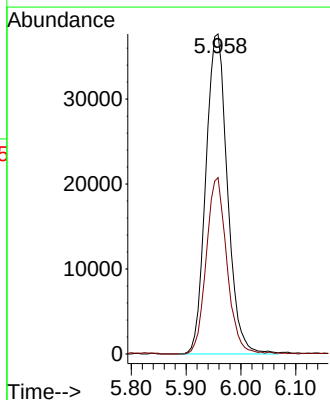
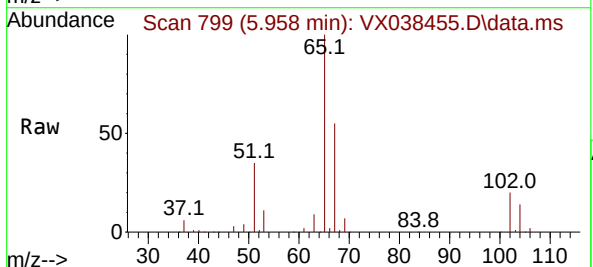
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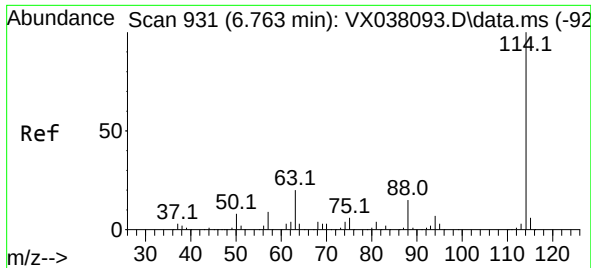
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#33
1,2-Dichloroethane-d4
Concen: 39.736 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

Tgt Ion: 65 Resp: 103026
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2





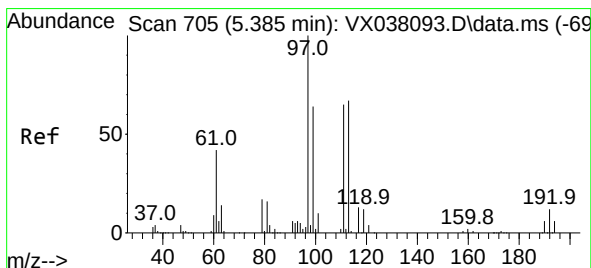
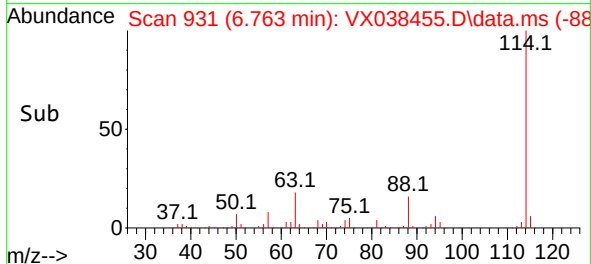
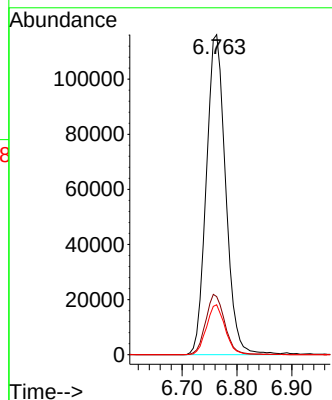
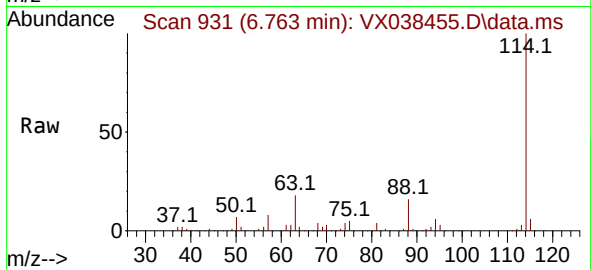
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
56

Tgt Ion:114 Resp: 28354
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 15.6 0.0 36.6

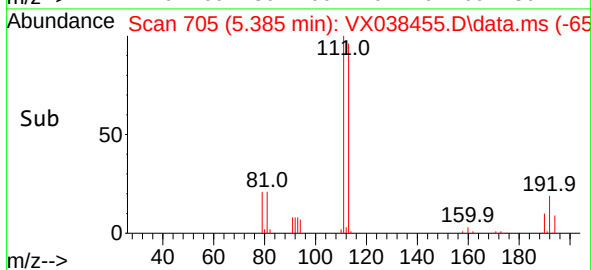
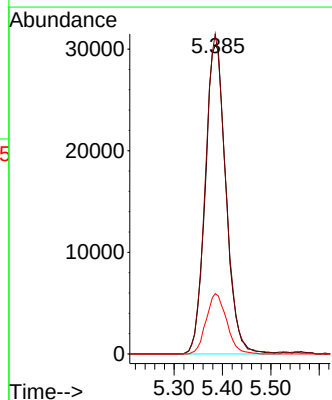
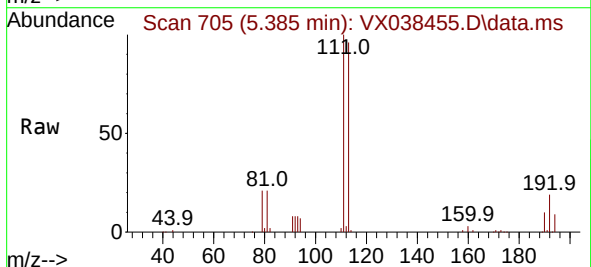
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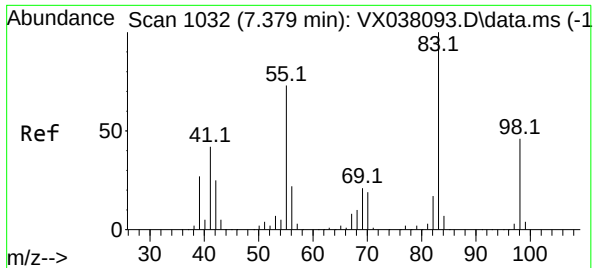
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#35
Dibromofluoromethane
Concen: 44.583 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

Tgt Ion:113 Resp: 91089
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 19.1 13.3 19.9





#39

Methylcyclohexane

Concen: 4.296 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

56

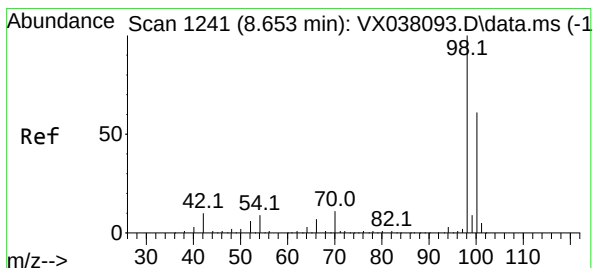
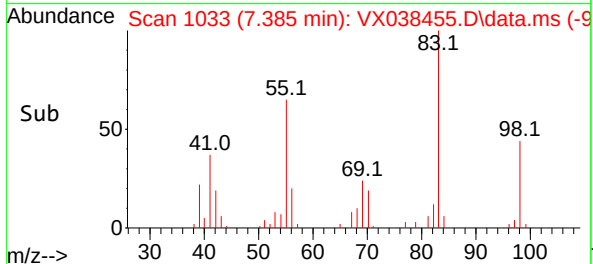
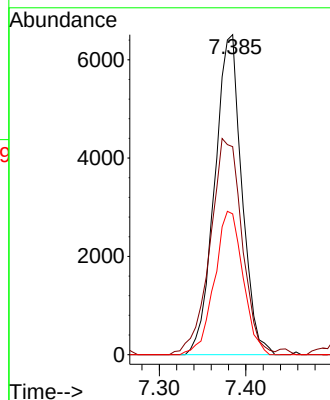
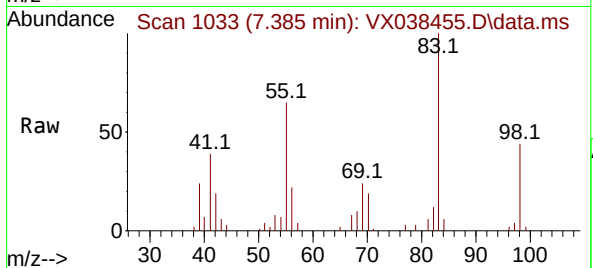
Tgt Ion: 83	Resp: 14179
Ion Ratio	Lower Upper
83 100	
55 63.8	64.6 97.0
98 44.0	36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 44.787 ug/l

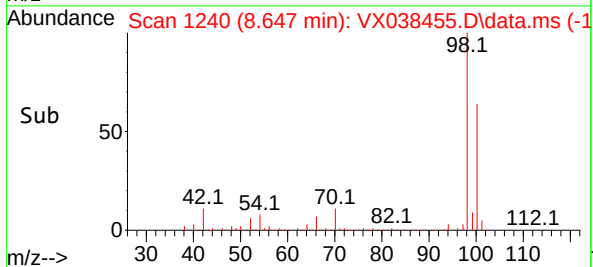
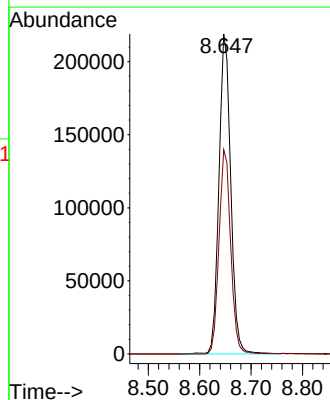
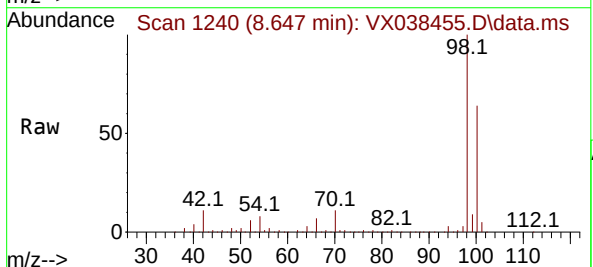
RT: 8.647 min Scan# 1240

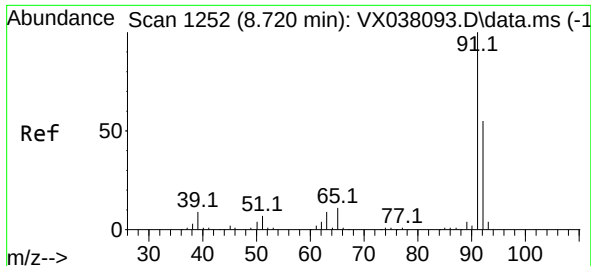
Delta R.T. -0.006 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

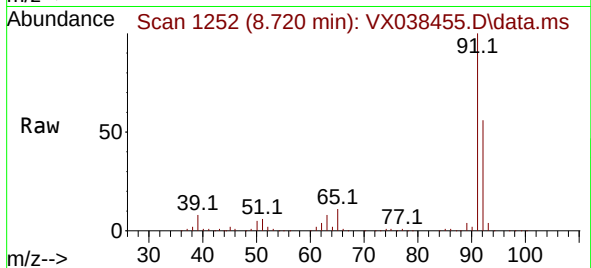
Tgt Ion: 98	Resp: 349665
Ion Ratio	Lower Upper
98 100	
100 63.3	53.1 79.7





#52
Toluene
Concen: 68.233 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

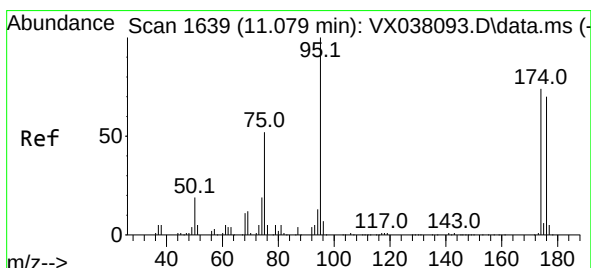
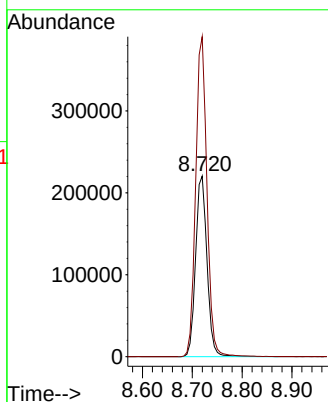
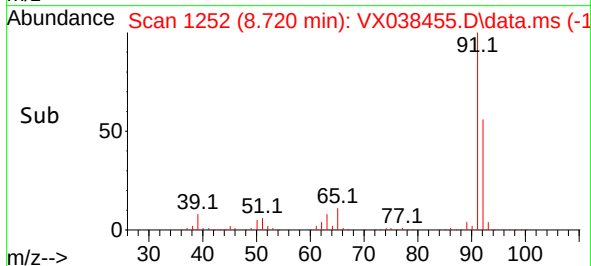
Instrument :
MSVOA_X
ClientSampleId :
56



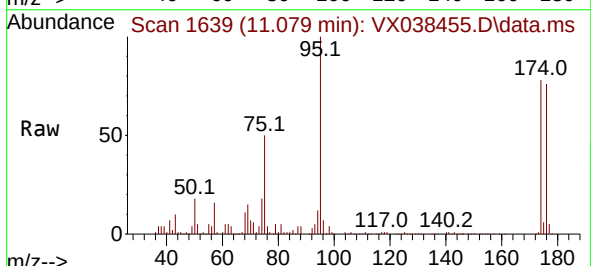
Tgt Ion: 92 Resp: 35025
Ion Ratio Lower Upper
92 100
91 174.9 134.2 201.2

Manual Integrations
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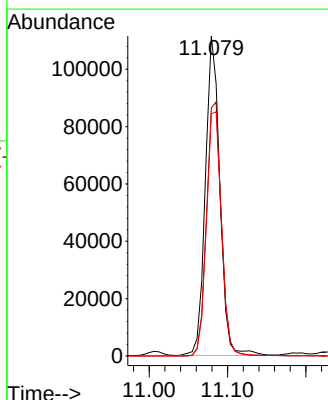
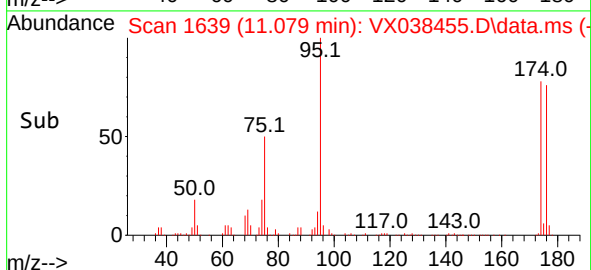
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

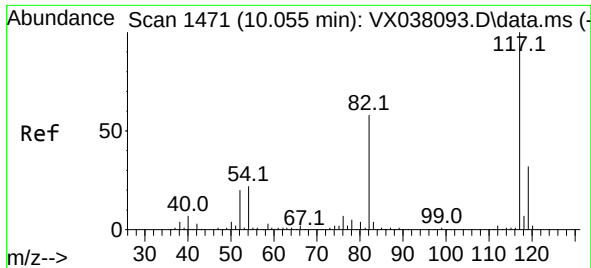


#62
4-Bromofluorobenzene
Concen: 48.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08



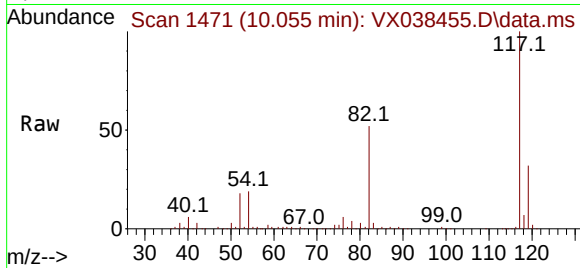
Tgt Ion: 95 Resp: 142712
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 80.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

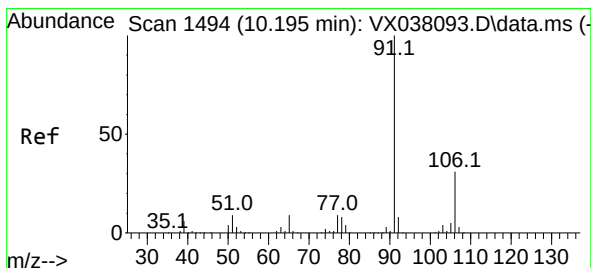
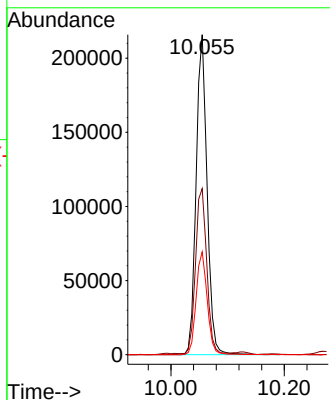
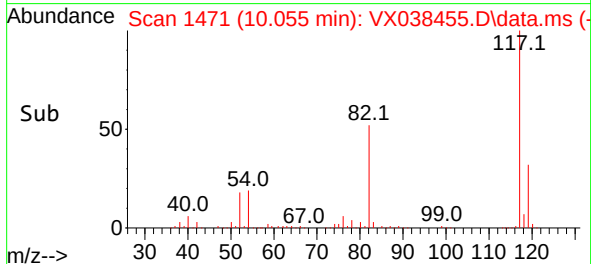
Instrument :
MSVOA_X
ClientSampleId :
56



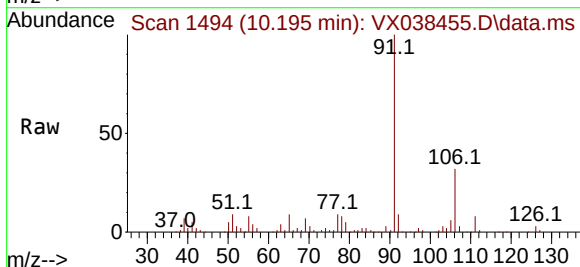
Tgt Ion:117 Resp: 288794
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.2 25.5 38.3

Manual Integrations
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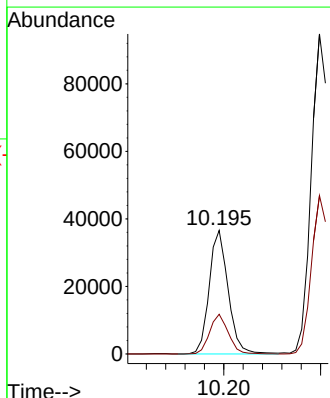
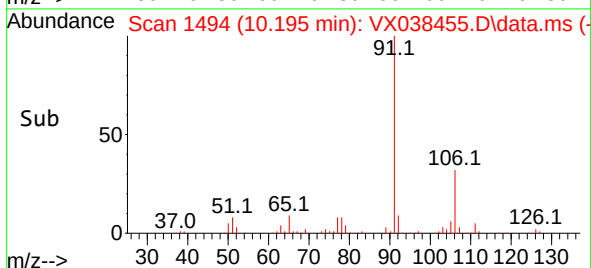
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

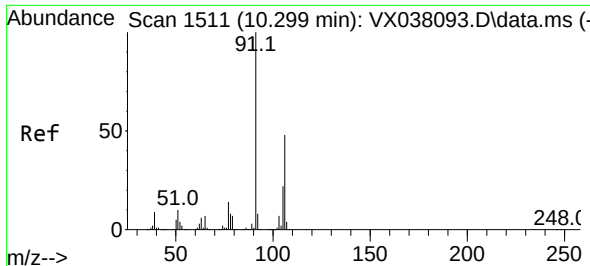


#67
Ethyl Benzene
Concen: 4.625 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08



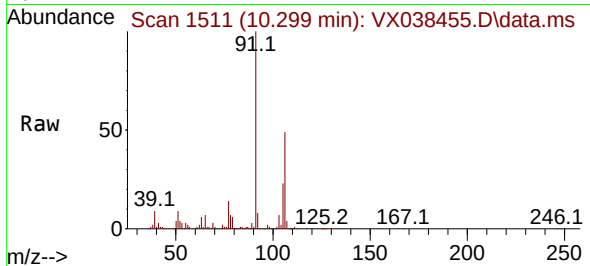
Tgt Ion: 91 Resp: 49894
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3





#68
m/p-Xylenes
Concen: 15.326 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

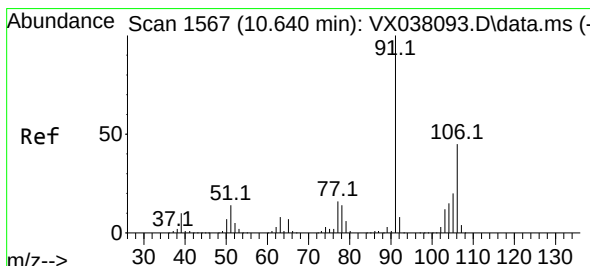
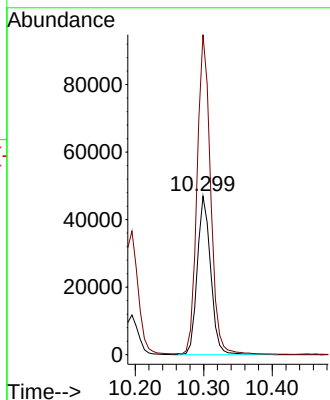
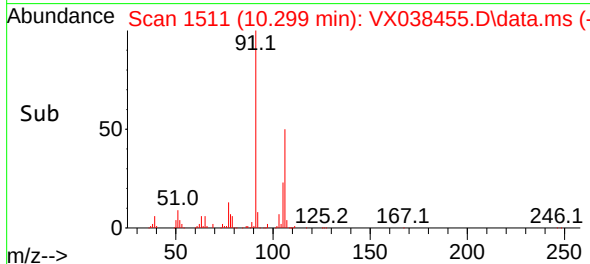
Instrument :
MSVOA_X
ClientSampleId :
56



Tgt Ion:106 Resp: 63924
Ion Ratio Lower Upper
106 100
91 203.8 165.5 248.3

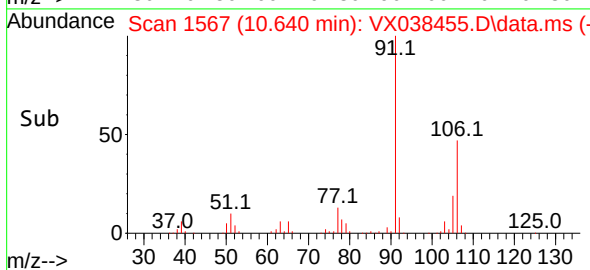
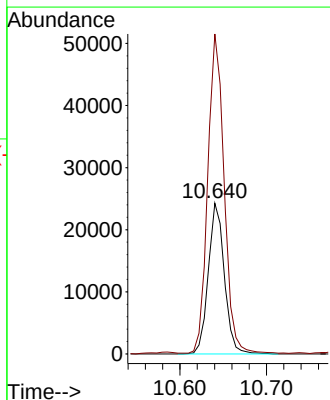
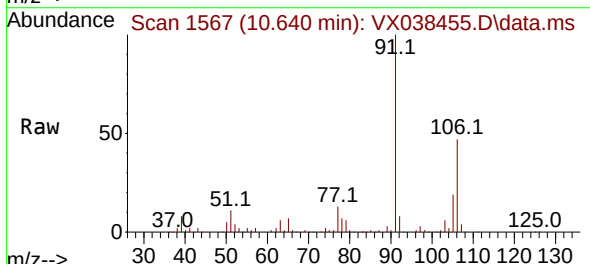
Manual Integrations
APPROVED

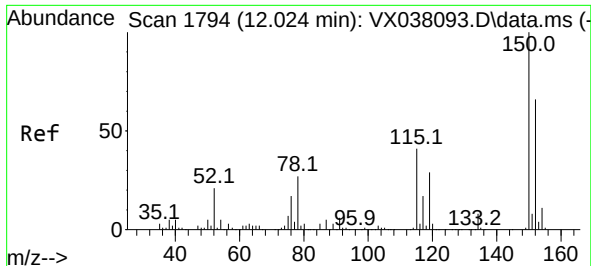
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#69
o-Xylene
Concen: 7.683 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

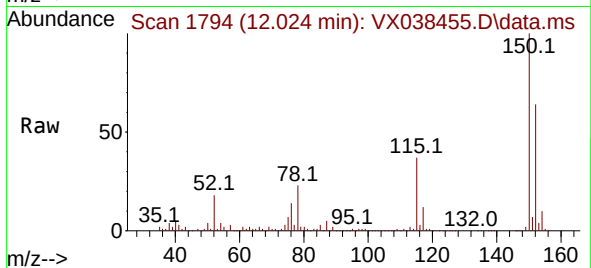
Tgt Ion:106 Resp: 31278
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

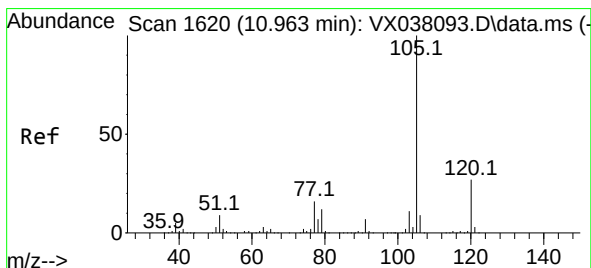
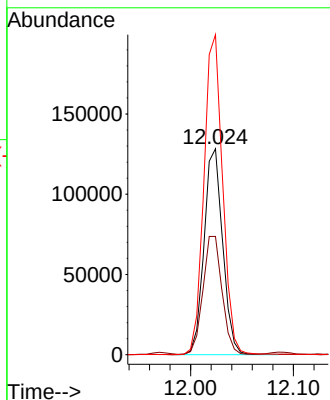
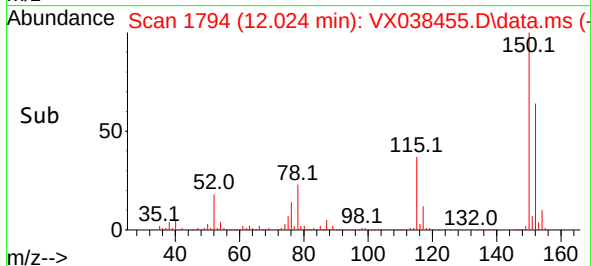
Instrument :
MSVOA_X
ClientSampleId :
56



Tgt Ion:152 Resp: 162059
Ion Ratio Lower Upper
152 100
115 58.5 43.3 129.9
150 155.2 0.0 345.0

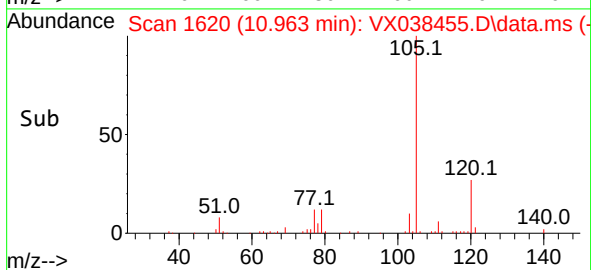
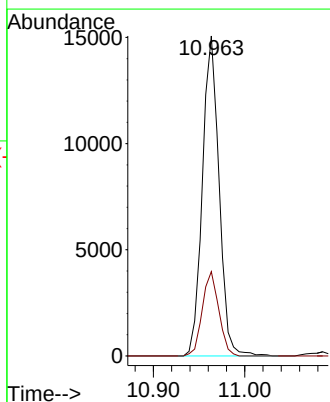
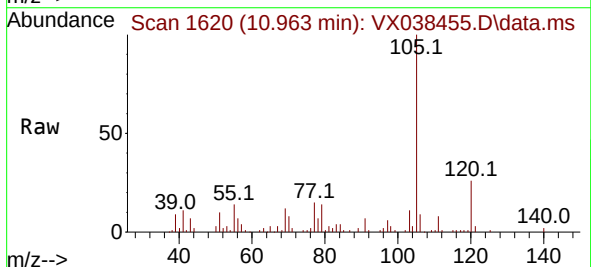
Manual Integrations
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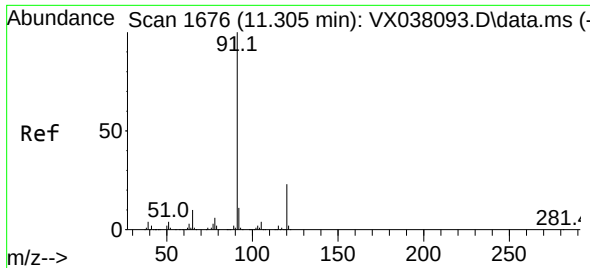
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#73
Isopropylbenzene
Concen: 1.754 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

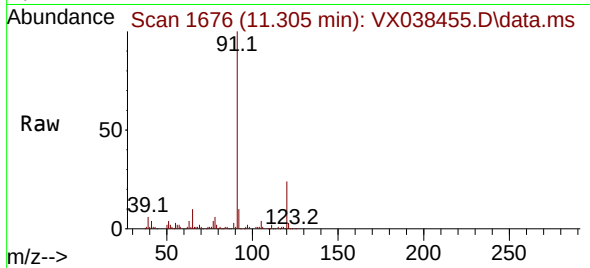
Tgt Ion:105 Resp: 19067
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6





#78
n-propylbenzene
Concen: 4.415 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

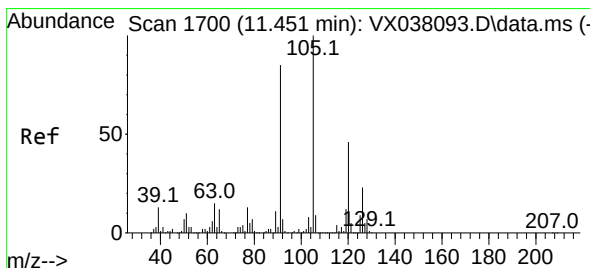
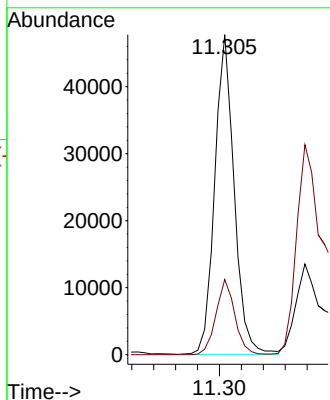
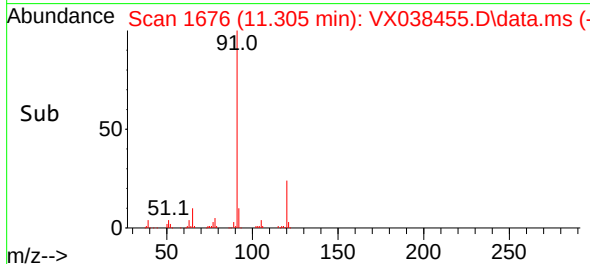
Instrument :
MSVOA_X
ClientSampleId :
56



Tgt Ion: 91 Resp: 5866
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

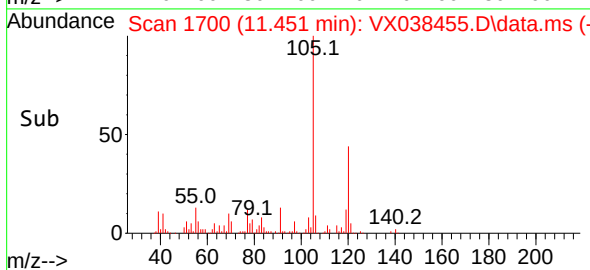
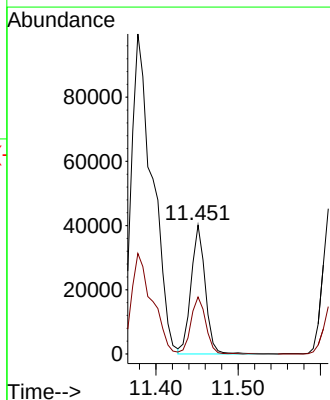
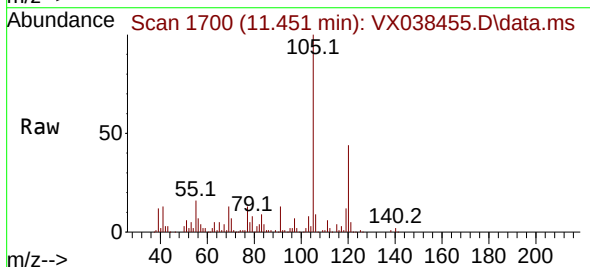
Manual Integrations
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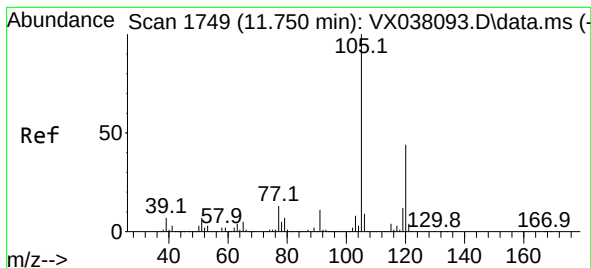
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.125 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

Tgt Ion:105 Resp: 48057
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 17.336 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038455.D

Acq: 24 Oct 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

56

Tgt Ion:105 Resp: 16206

Ion Ratio Lower Upper

105 100

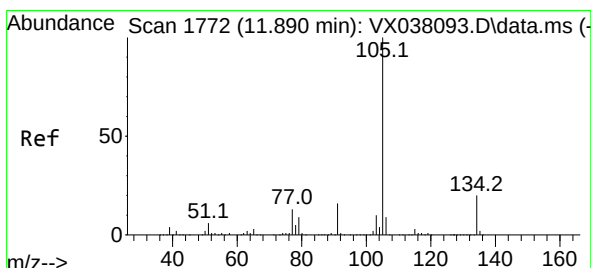
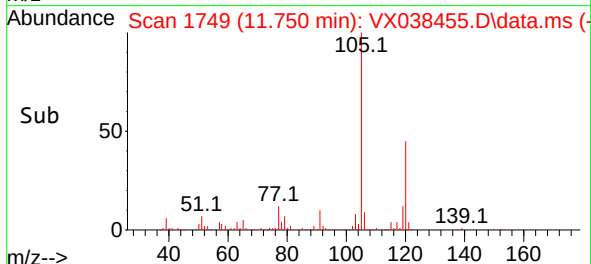
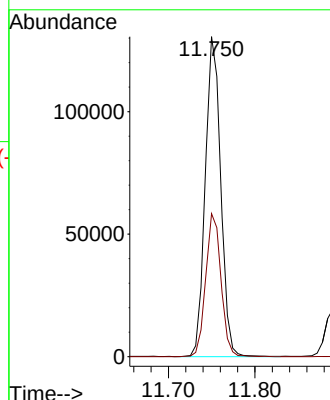
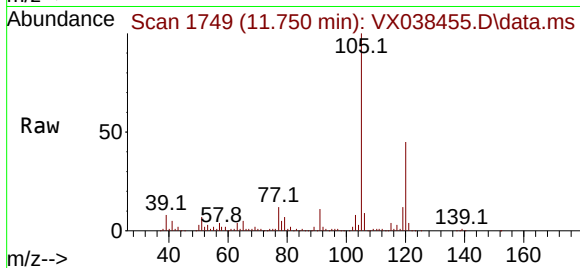
120 44.2 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#85

sec-Butylbenzene

Concen: 2.044 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038455.D

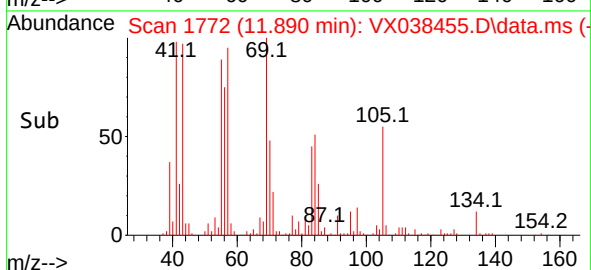
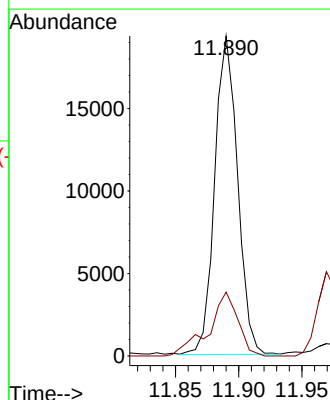
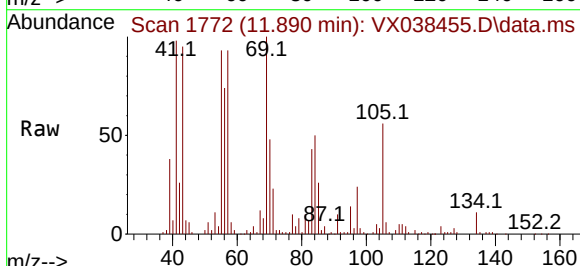
Acq: 24 Oct 2023 15:08

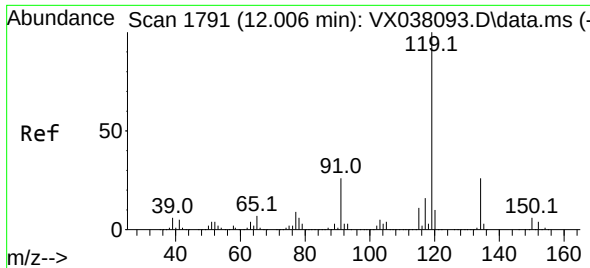
Tgt Ion:105 Resp: 24254

Ion Ratio Lower Upper

105 100

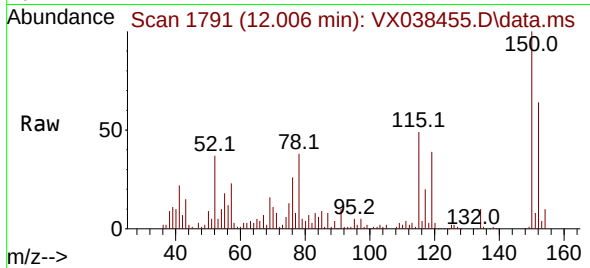
134 25.6 9.8 29.4





#86
p-Isopropyltoluene
Concen: 1.138 ug/l
RT: 12.006 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08

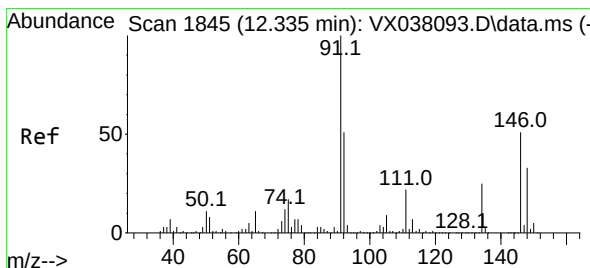
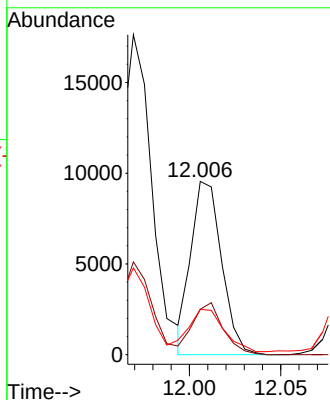
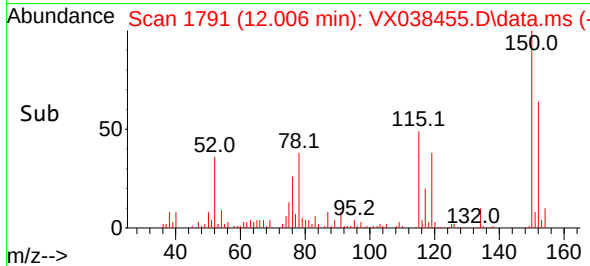
Instrument :
MSVOA_X
ClientSampleId :
56



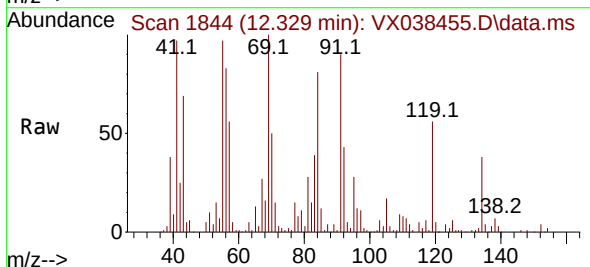
Tgt Ion:119 Resp: 1114
Ion Ratio Lower Upper
119 100
134 29.6 12.8 38.3
91 28.6 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#89
n-Butylbenzene
Concen: 3.549 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038455.D
Acq: 24 Oct 2023 15:08



Tgt Ion: 91 Resp: 34609
Ion Ratio Lower Upper
91 100
92 38.9 27.4 82.0
134 71.8 12.6 37.8#

