

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028210.D
 Acq On : 20 Apr 2022 20:04
 Operator : JC/MD
 Sample : N2459-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31577

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 06:16:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	407754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	686642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	654656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	271475	51.061	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.120%			
35) Dibromofluoromethane	5.391	113	255367	53.032	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.060%			
50) Toluene-d						

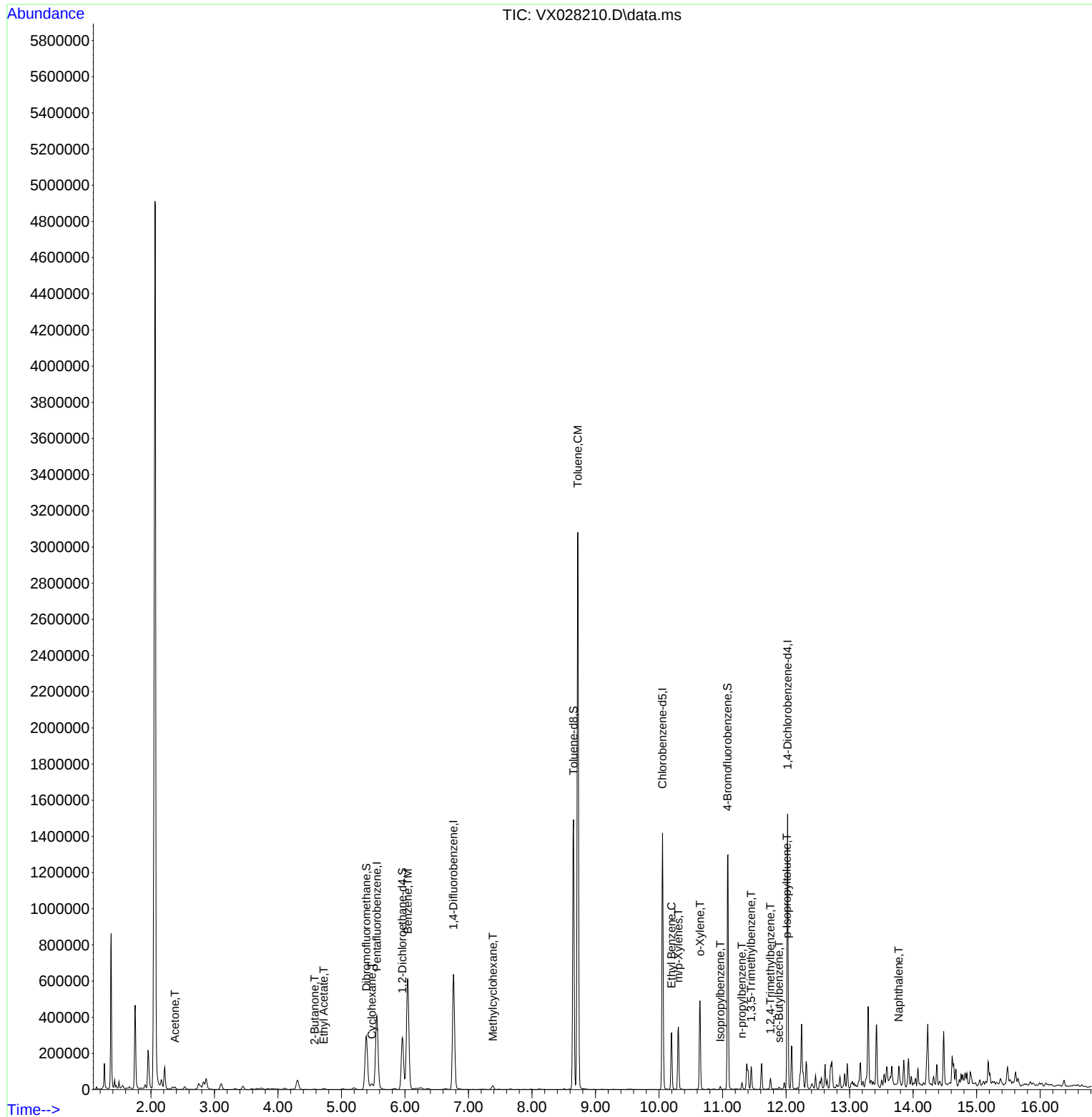
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028210.D
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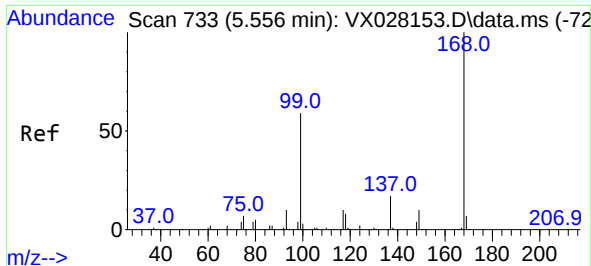
Instrument :
MSVOA_X
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31577

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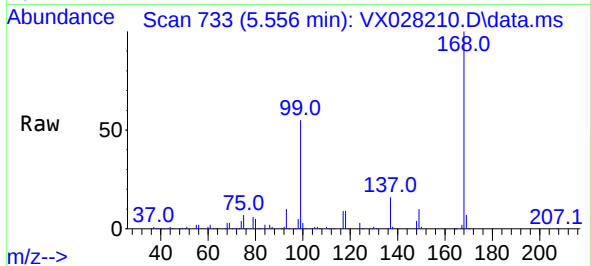
Quant Time: Apr 21 06:16:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

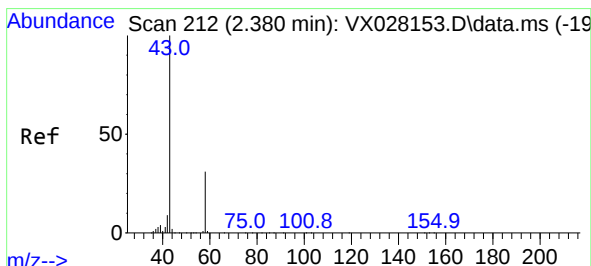
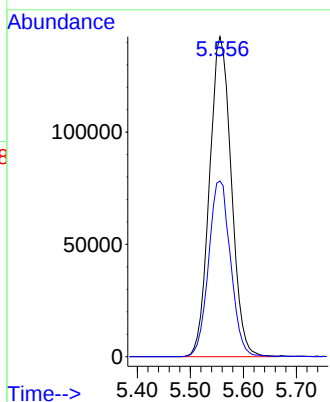
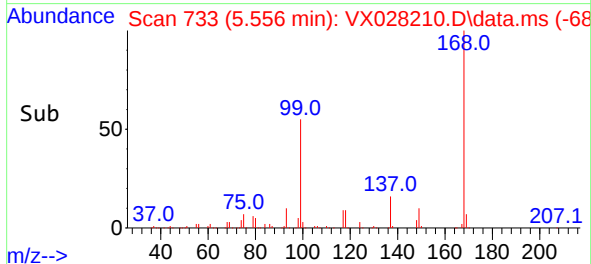
Instrument :
MSVOA_X
ClientSampleId :
31577



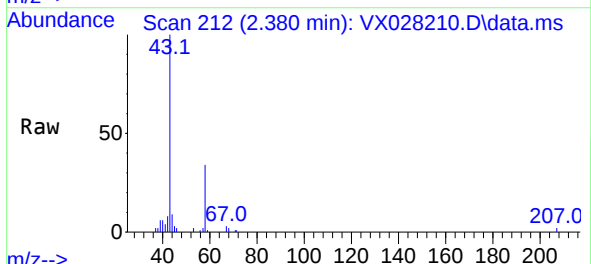
Tgt Ion:168 Resp: 407754
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5

Manual Integrations
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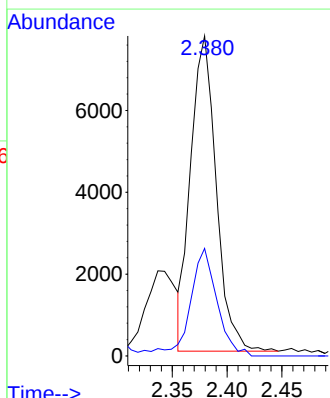
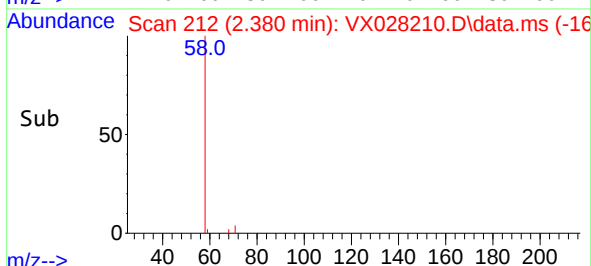
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

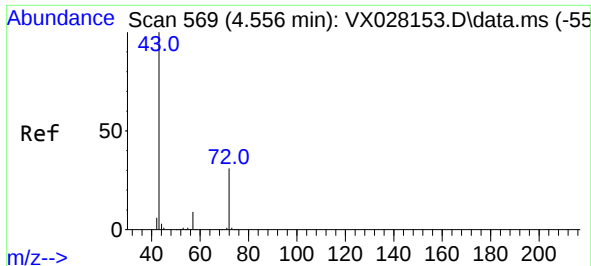


#16
Acetone
Concen: 6.316 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04



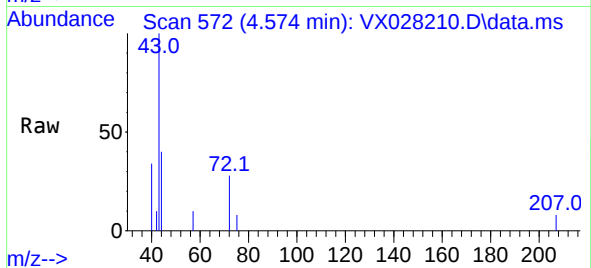
Tgt Ion: 43 Resp: 12466
Ion Ratio Lower Upper
43 100
58 34.1 28.8 43.2





#25
2-Butanone
Concen: 1.294 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

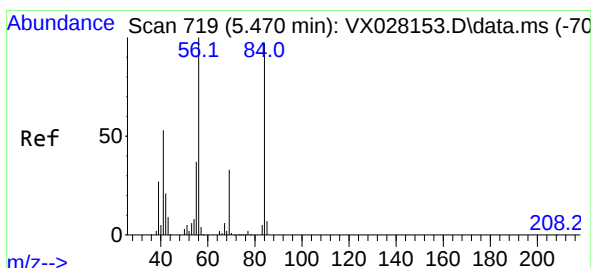
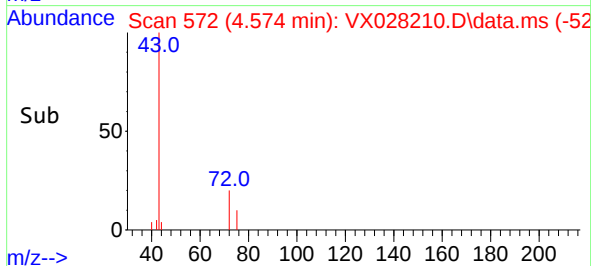
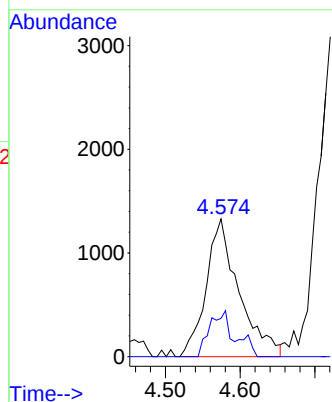
Instrument :
MSVOA_X
ClientSampleId :
31577



Tgt Ion: 43 Resp: 4075
Ion Ratio Lower Upper
43 100
72 27.7 24.4 36.6

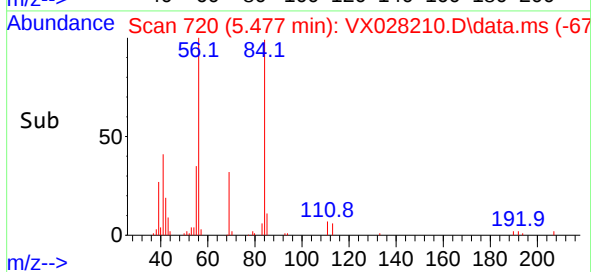
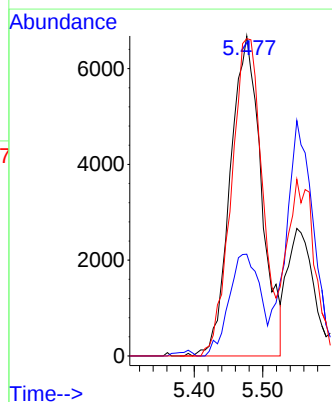
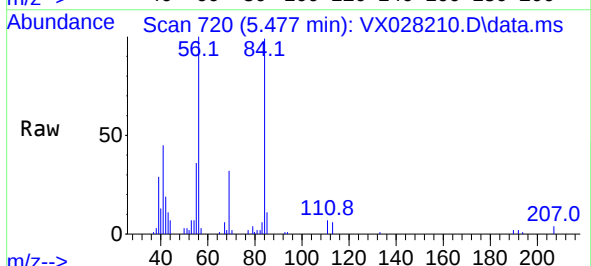
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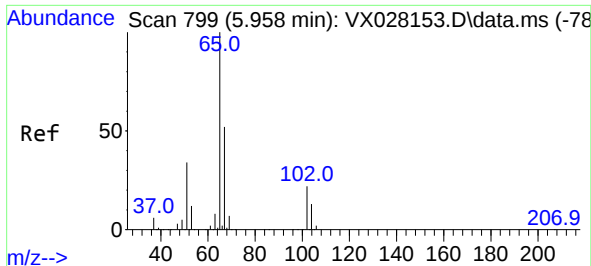
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#31
Cyclohexane
Concen: 3.249 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

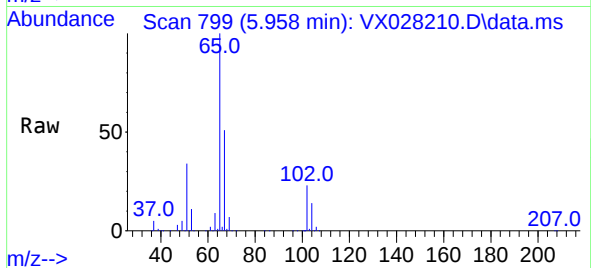
Tgt Ion: 56 Resp: 21048
Ion Ratio Lower Upper
56 100
69 30.7 26.7 40.1
84 99.2 77.2 115.8





#33
1,2-Dichloroethane-d4
Concen: 51.061 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

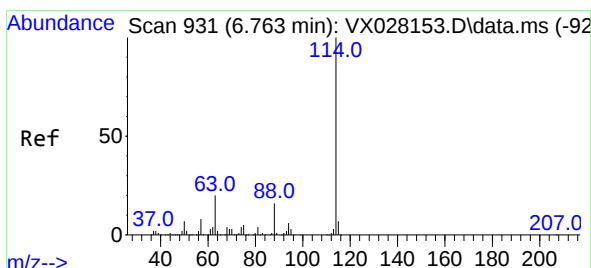
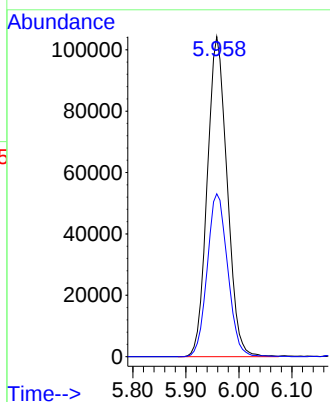
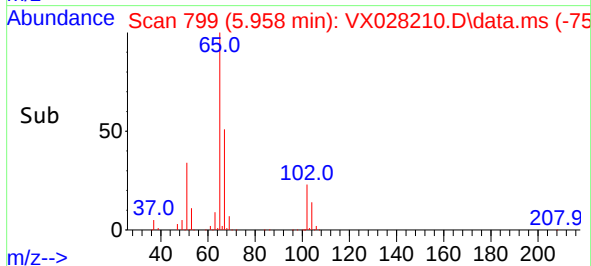
Instrument :
MSVOA_X
ClientSampleId :
31577



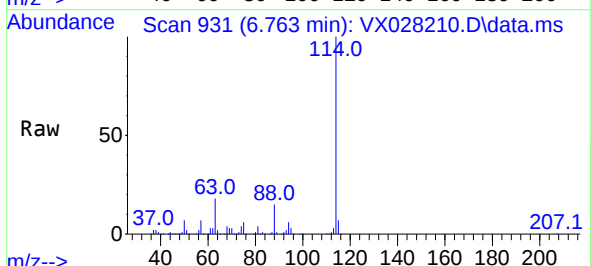
Tgt Ion: 65 Resp: 271475
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

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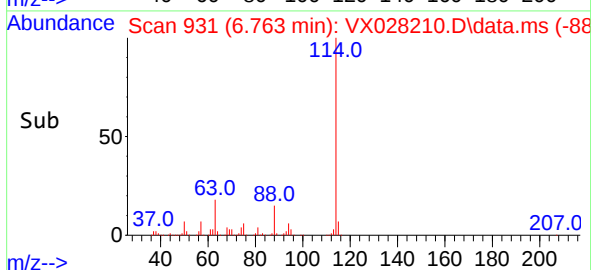
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

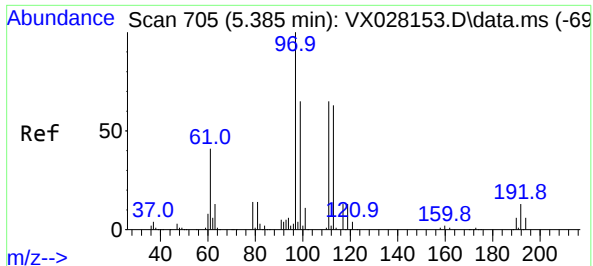


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04



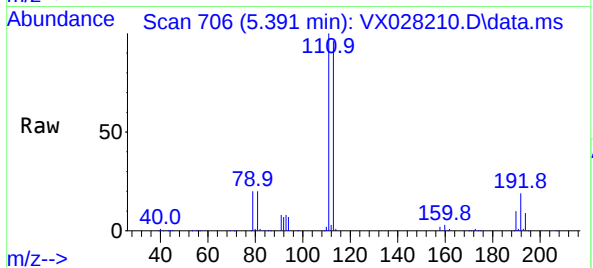
Tgt Ion:114 Resp: 686642
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 53.032 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

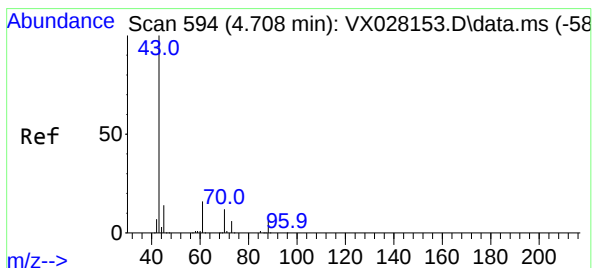
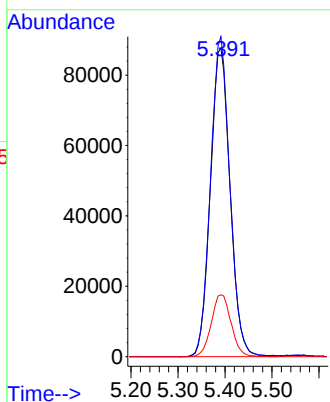
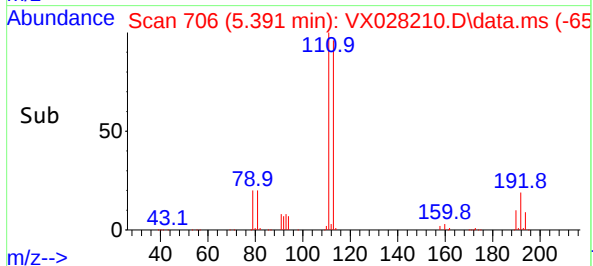
Instrument :
MSVOA_X
ClientSampleId :
31577



Tgt Ion:113 Resp: 25536
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.2 16.9 25.3

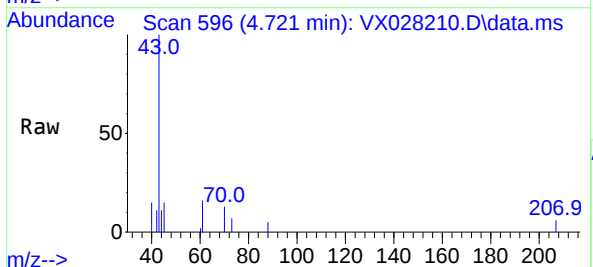
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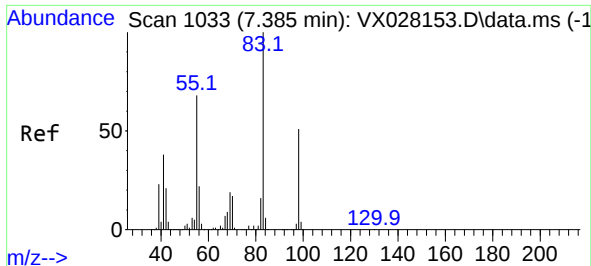
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#37
Ethyl Acetate
Concen: 1.473 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

Tgt Ion: 43 Resp: 9389
Ion Ratio Lower Upper
43 100
61 15.3 12.6 19.0
70 13.6 10.2 15.2





#39

Methylcyclohexane

Concen: 1.236 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028210.D

Acq: 20 Apr 2022 20:04

Instrument :

MSVOA_X

ClientSampleId :

31577

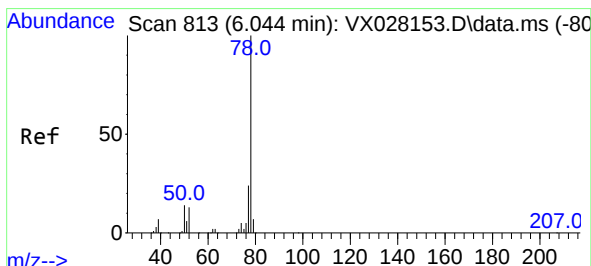
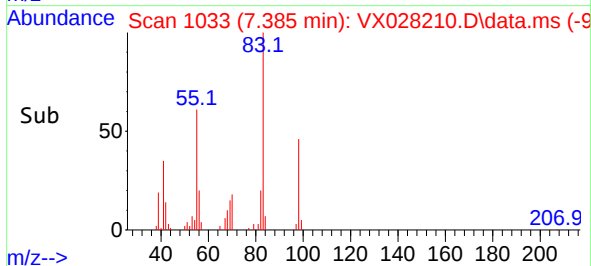
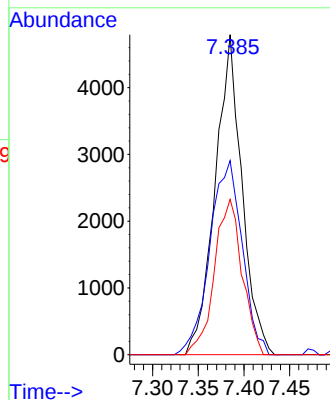
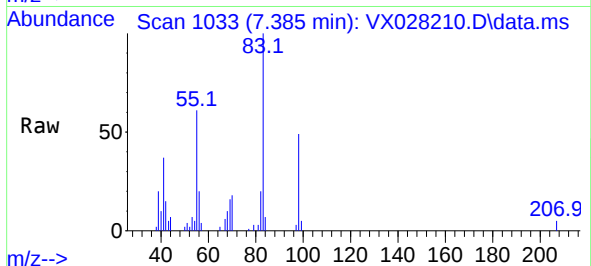
Tgt Ion:	83	Resp:	979
Ion	Ratio	Lower	Upper
83	100		
55	60.7	54.6	81.8
98	48.6	37.4	56.2

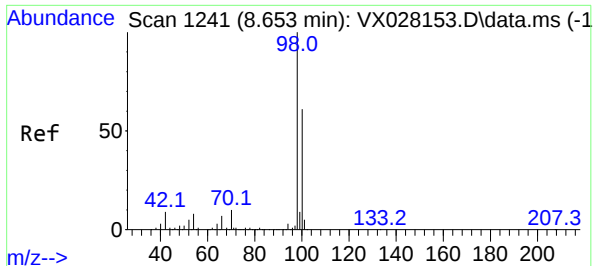
Manual Integrations

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Reviewed By :John Carlone 04/21/2022

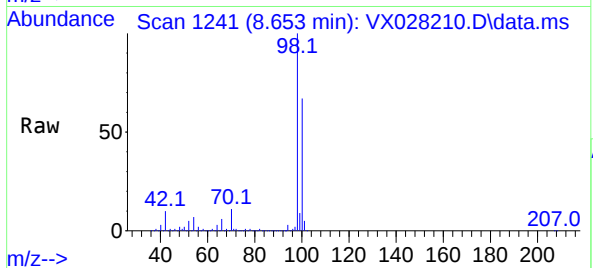
Supervised By :Mahesh Dadoda 04/21/2022





#50
Toluene-d8
Concen: 49.934 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

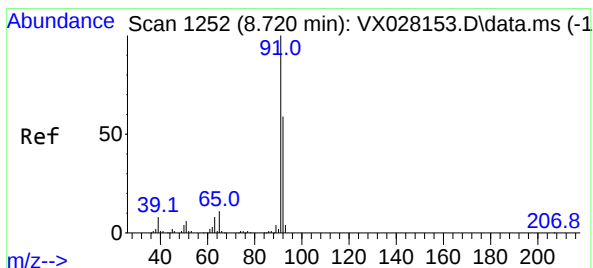
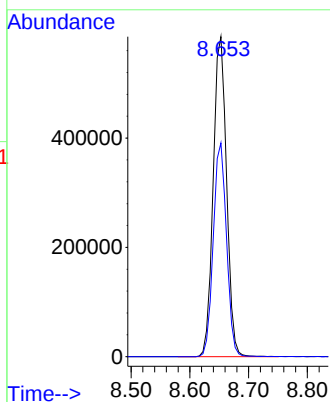
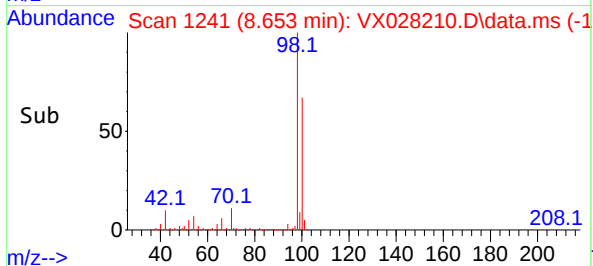
Instrument :
MSVOA_X
ClientSampleId :
31577



Tgt Ion: 98 Resp: 923528
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

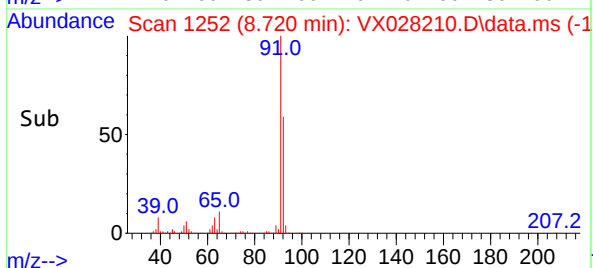
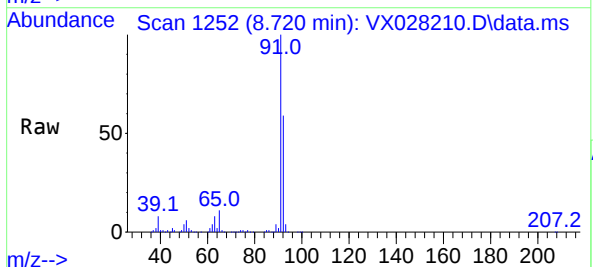
Manual Integrations
APPROVED

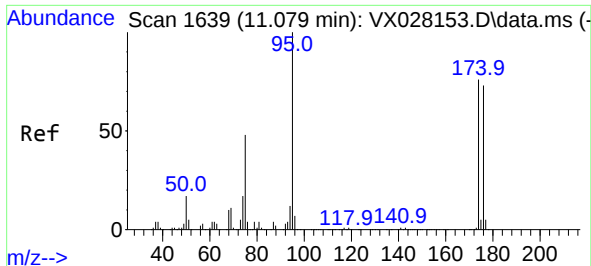
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#52
Toluene
Concen: 94.230 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

Tgt Ion: 92 Resp: 1203677
Ion Ratio Lower Upper
92 100
91 168.7 137.5 206.3





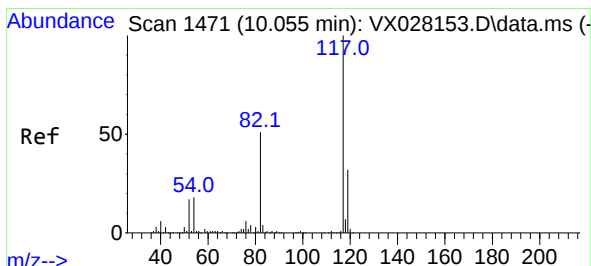
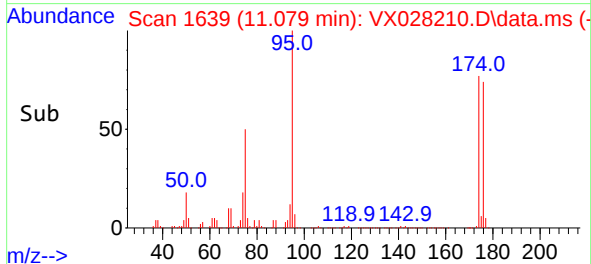
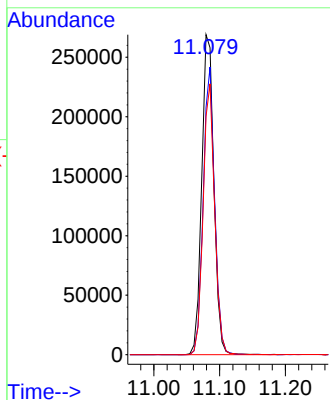
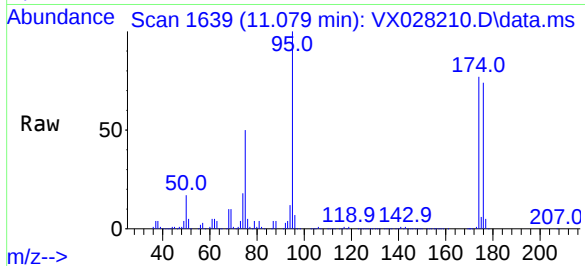
#62
4-Bromofluorobenzene
Concen: 48.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

Instrument :
MSVOA_X
ClientSampleId :
31577

Tgt Ion: 95 Resp: 34553
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 80.6 0.0 155.0

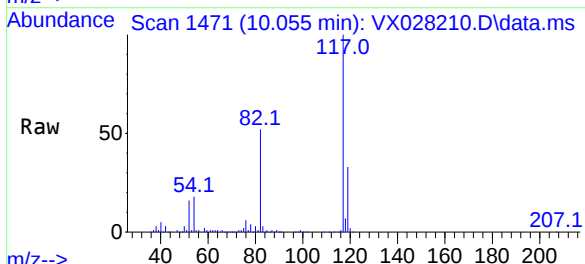
Manual Integrations
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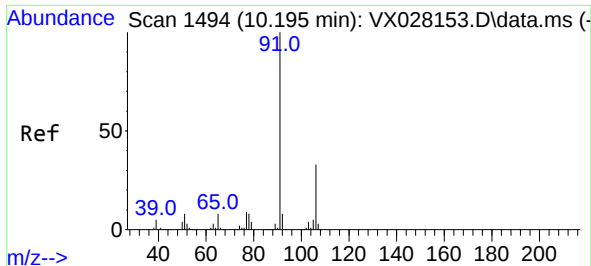
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

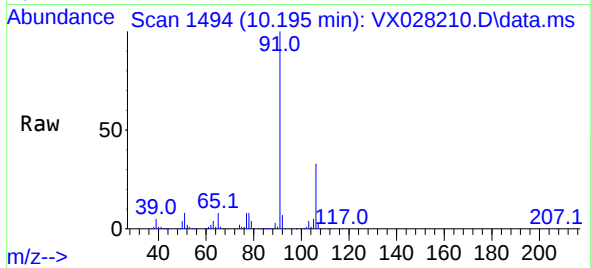
Tgt Ion:117 Resp: 654656
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 33.0 24.8 37.2





#67
Ethyl Benzene
Concen: 7.916 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

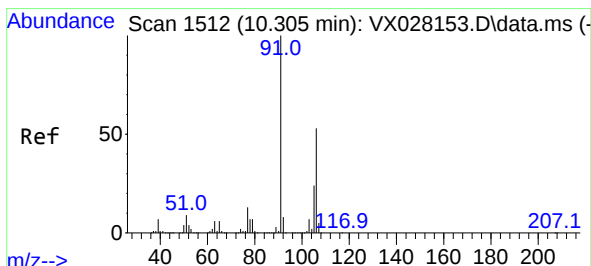
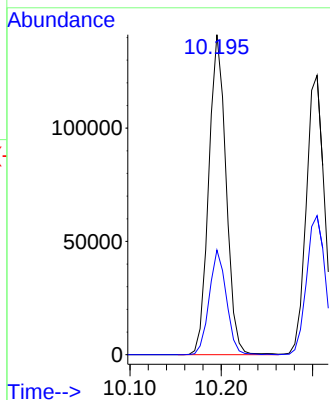
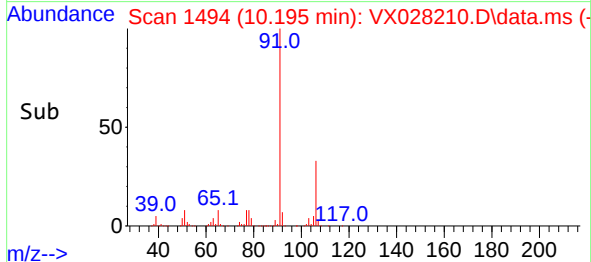
Instrument :
MSVOA_X
ClientSampleId :
31577



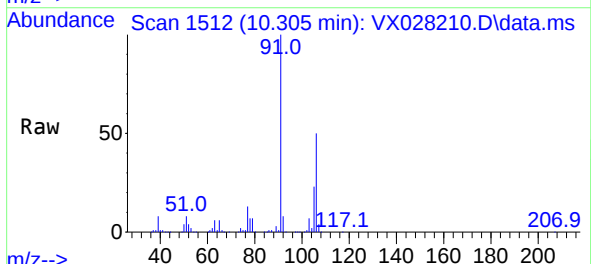
Tgt Ion: 91 Resp: 185275
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

Manual Integrations
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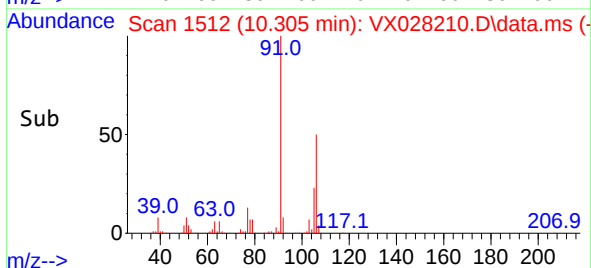
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

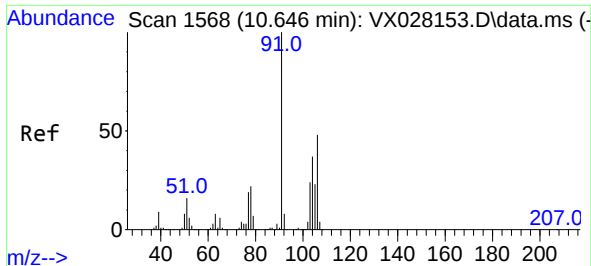


#68
m/p-Xylenes
Concen: 9.207 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04



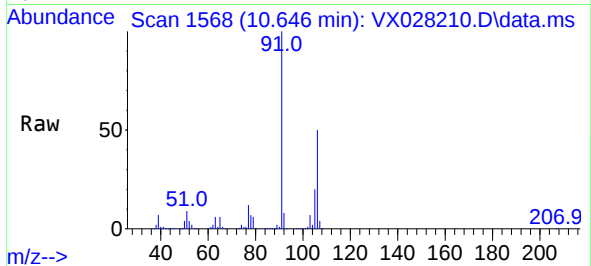
Tgt Ion:106 Resp: 87705
Ion Ratio Lower Upper
106 100
91 195.2 160.4 240.6





#69
o-Xylene
Concen: 12.086 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

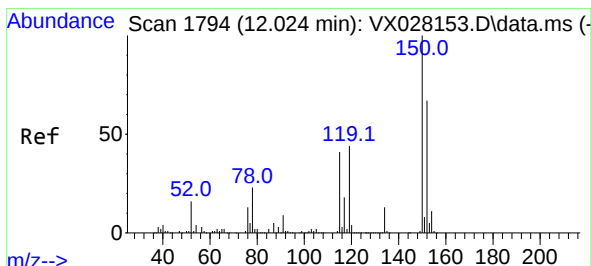
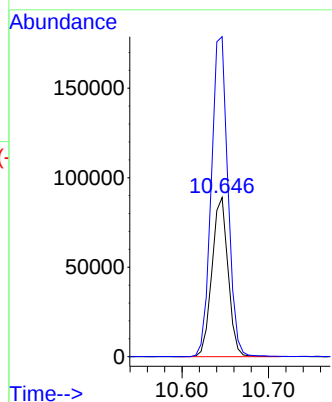
Instrument :
MSVOA_X
ClientSampleId :
31577



Tgt Ion:106 Resp: 114784
Ion Ratio Lower Upper
106 100
91 207.8 106.1 318.1

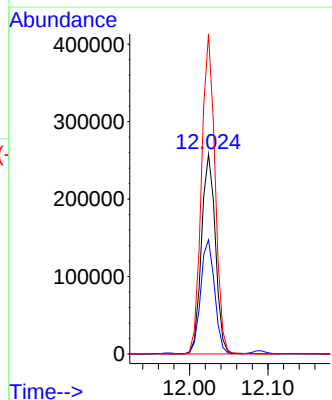
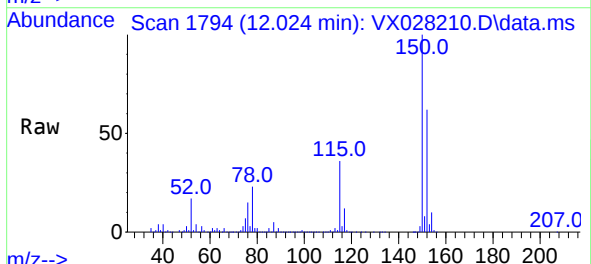
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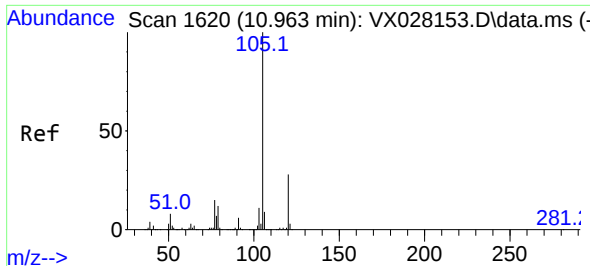
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

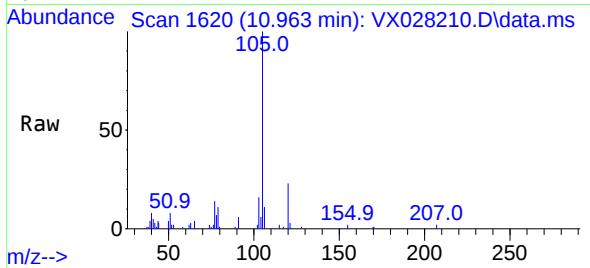
Tgt Ion:152 Resp: 318569
Ion Ratio Lower Upper
152 100
115 57.0 37.5 112.7
150 156.3 0.0 338.2





#73
Isopropylbenzene
Concen: 0.363 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

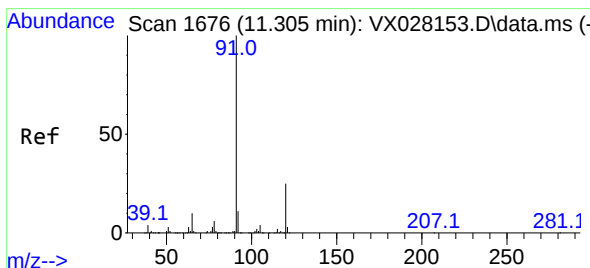
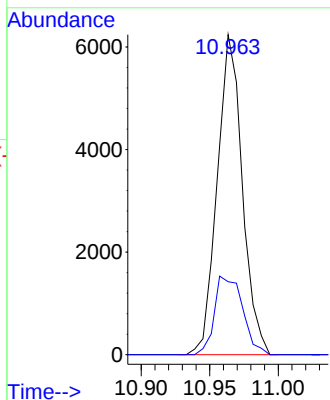
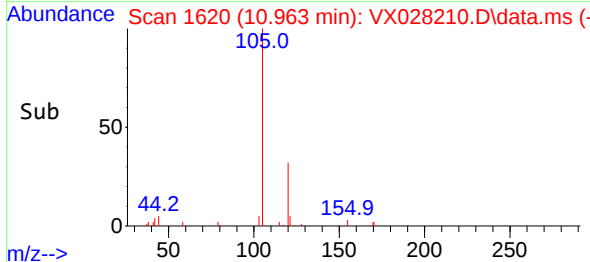
Instrument :
MSVOA_X
ClientSampleId :
31577



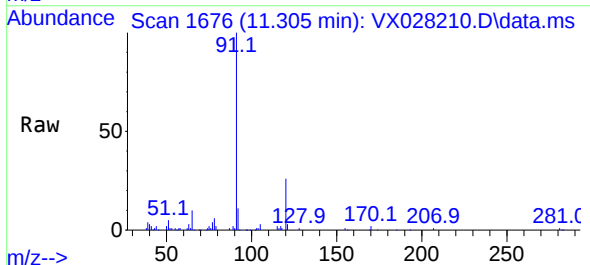
Tgt Ion:105 Resp: 7942
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

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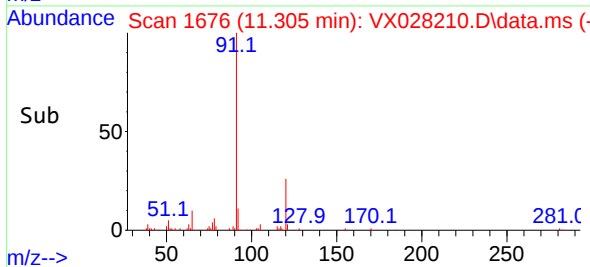
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

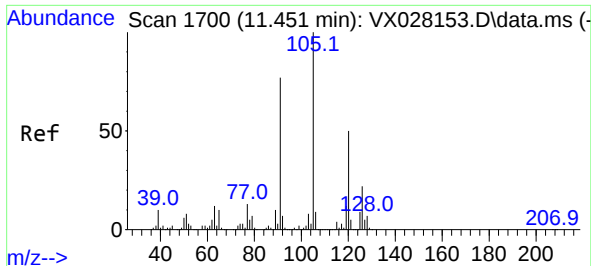


#78
n-propylbenzene
Concen: 0.899 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04



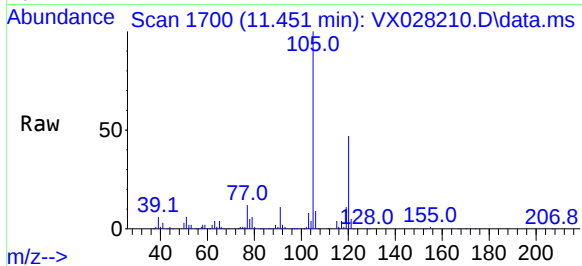
Tgt Ion: 91 Resp: 21817
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 2.925 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

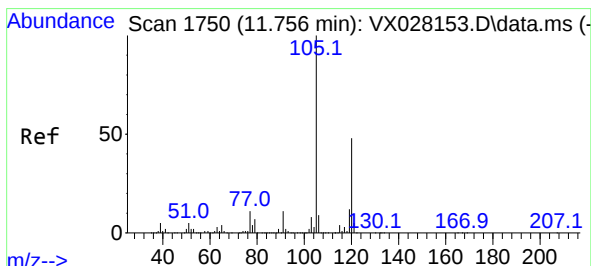
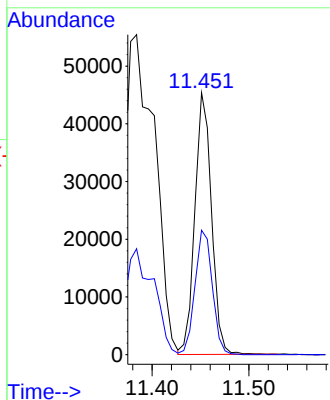
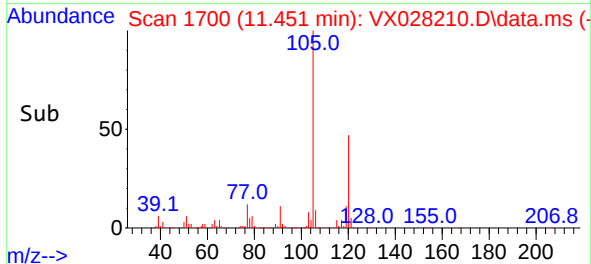
Instrument :
MSVOA_X
ClientSampleId :
31577



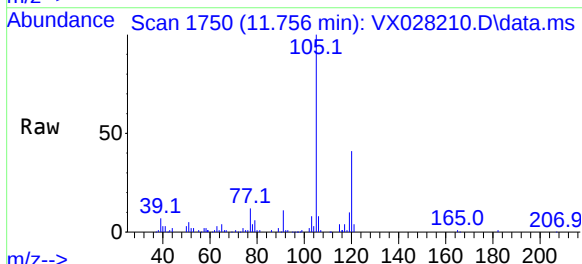
Tgt Ion:105 Resp: 5437
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.9

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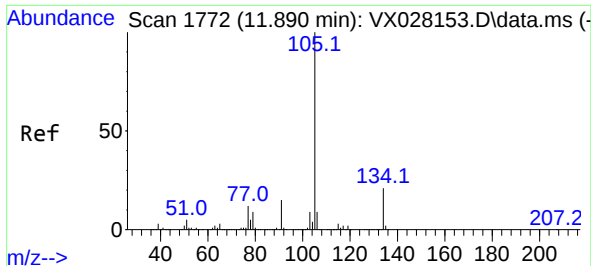
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 1.412 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

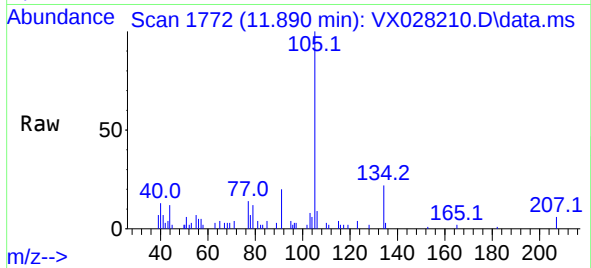


Tgt Ion:105 Resp: 26089
Ion Ratio Lower Upper



#85
 sec-Butylbenzene
 Concen: 0.232 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: VX028210.D
 Acq: 20 Apr 2022 20:04

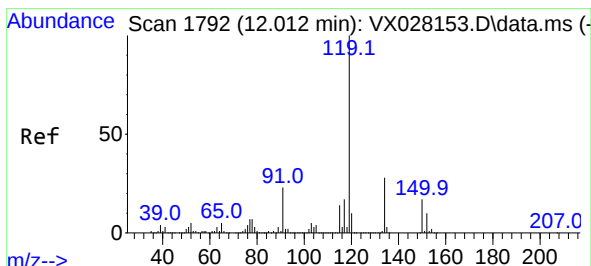
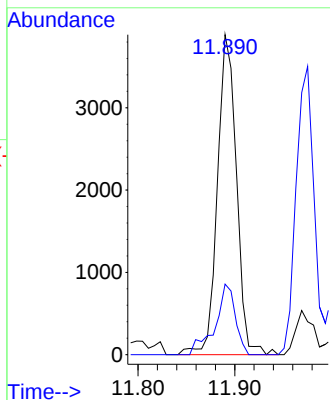
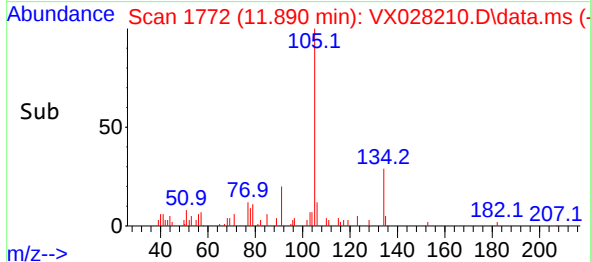
Instrument :
 MSVOA_X
 ClientSampleId :
 31577



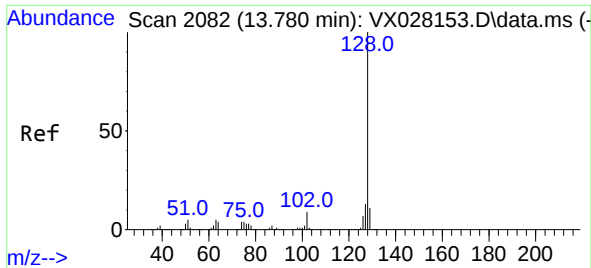
Tgt Ion:105 Resp: 5317
 Ion Ratio Lower Upper
 105 100
 134 23.4 10.2 30.4

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Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

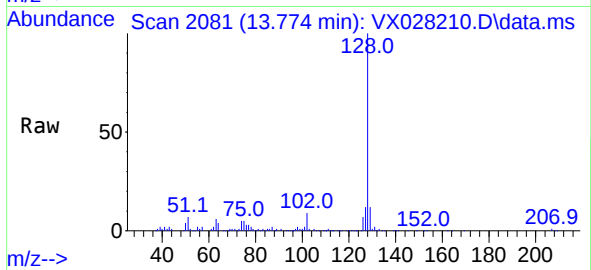


#86
 p-Isopropyltoluene
 Concen: 0.392 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028210.D
 Acq: 20



#95
Naphthalene
Concen: 3.425 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX028210.D
Acq: 20 Apr 2022 20:04

Instrument : MSVOA_X
ClientSampleId : 31577



Tgt Ion:128 Resp: 72235
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 12.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

