

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031418.D
 Acq On : 16 Sep 2022 18:22
 Operator : JC/MD
 Sample : N4526-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF-0907

Quant Time: Sep 17 02:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85720	42.511	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.020%		
35) Dibromofluoromethane	5.391	113	71363	48.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.653	98	270351	48.729	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	90731	44.659	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	1837	2.134	ug/l #	87
31) Cyclohexane	5.471	56	6610	3.051	ug/l	92
39) Methylcyclohexane	7.373	83	3833	1.719	ug/l	92
40) Benzene	6.037	78	165911	28.540	ug/l	99
52) Toluene	8.720	92	22297	6.063	ug/l	99
67) Ethyl Benzene	10.195	91	101788	17.458	ug/l	99
68) m/p-Xylenes	10.305	106	99096	44.761	ug/l	99
69) o-Xylene	10.640	106	5127	2.280	ug/l	94
73) Isopropylbenzene	10.963	105	14240	3.416	ug/l	97
78) n-propylbenzene	11.305	91	32205	6.583	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	21695	6.211	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	82719	23.828	ug/l	97
85) sec-Butylbenzene	11.890	105	1273m	0.291	ug/l	
89) n-Butylbenzene	12.329	91	1270m	0.402	ug/l	
95) Naphthalene	13.780	128	33655	8.291	ug/l	99

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

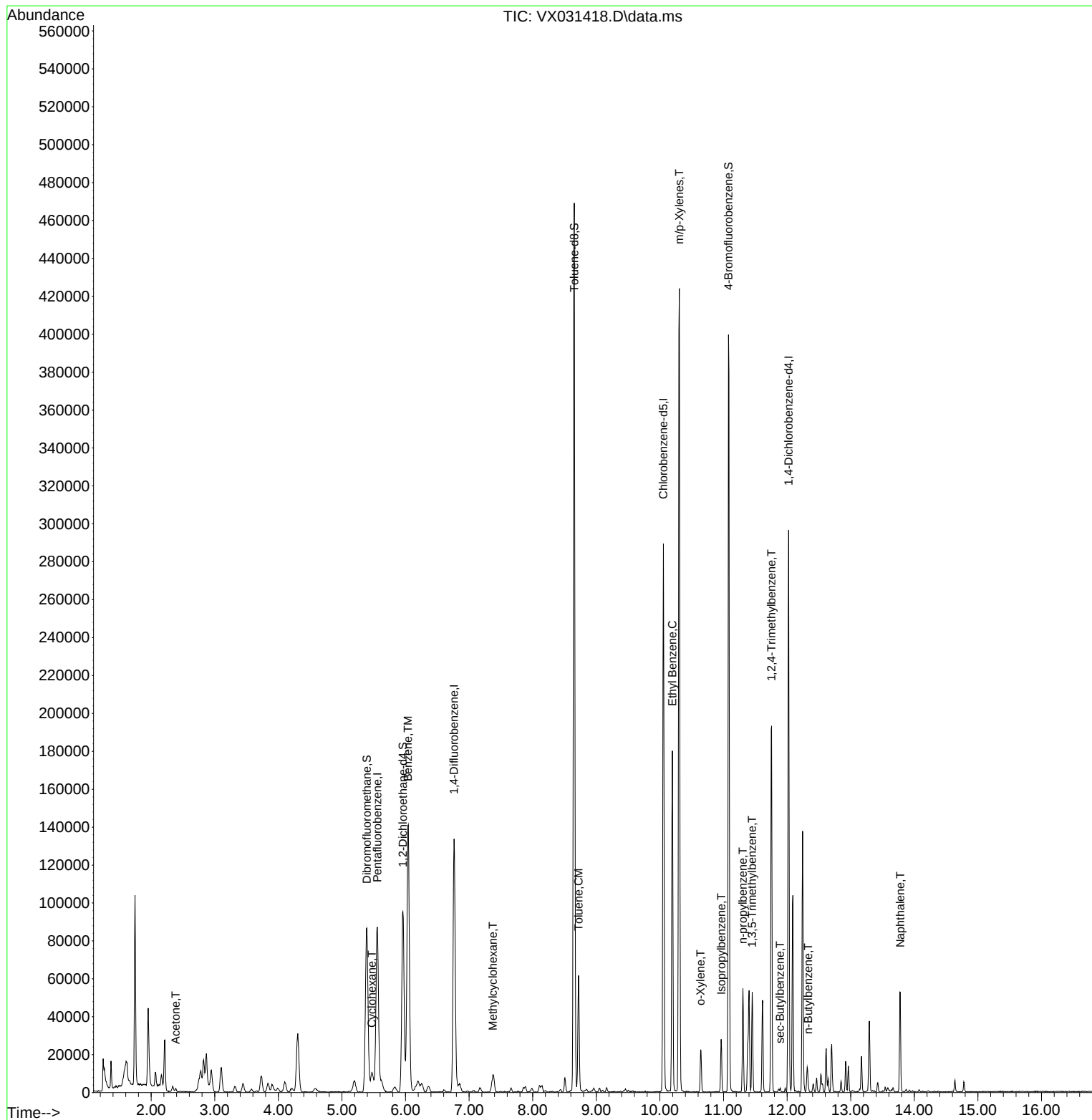
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031418.D
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Quant Time: Sep 17 02:07:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

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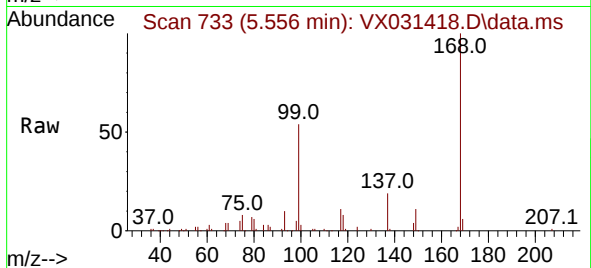
Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 734
Delta R.T. -0.006 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

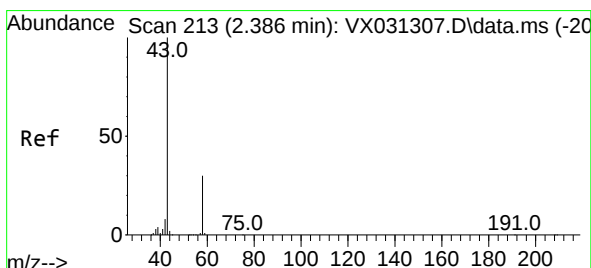
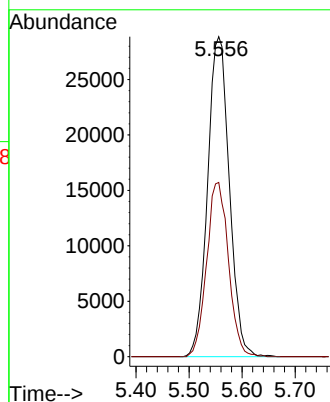
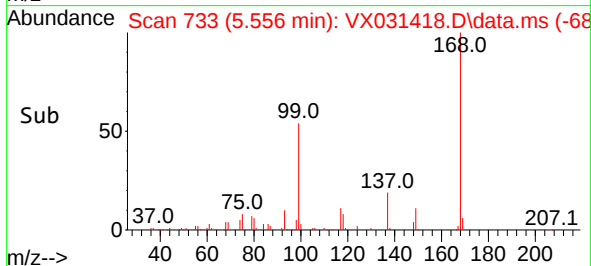
Instrument :
MSVOA_X
ClientSampleId :
INF-0907



Tgt Ion:168 Resp: 82150
Ion Ratio Lower Upper
168 100
99 54.4 48.8 73.2

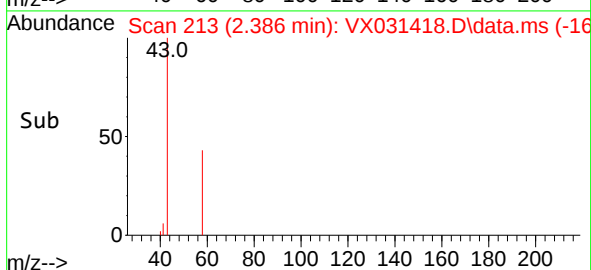
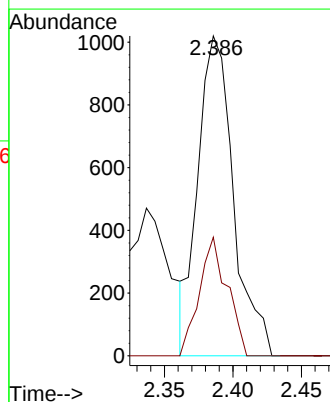
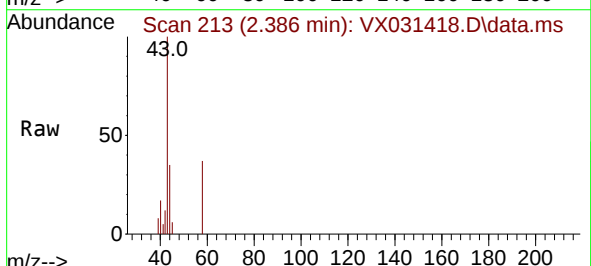
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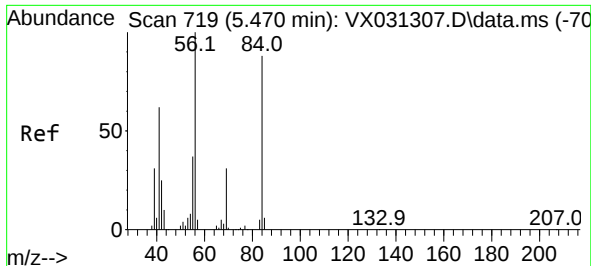
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 2.134 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

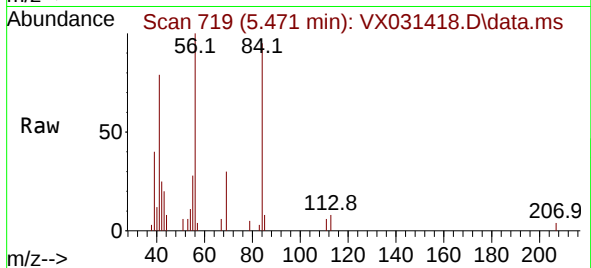
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 37.1 23.8 35.8#





#31
Cyclohexane
Concen: 3.051 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

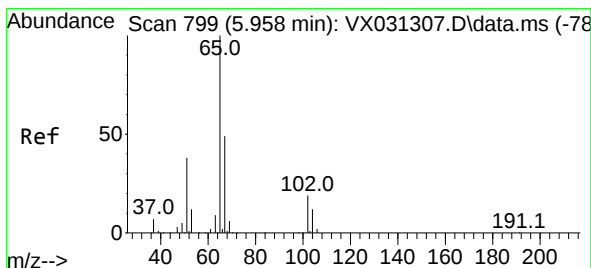
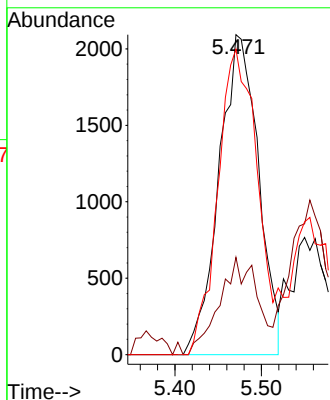
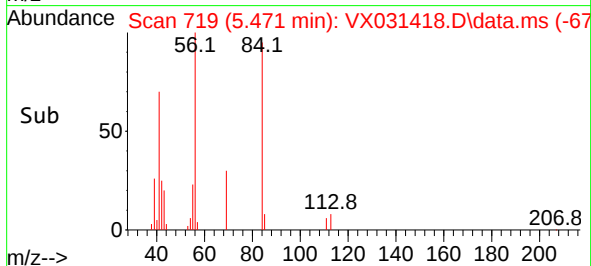
Instrument :
MSVOA_X
ClientSampleId :
INF-0907



Tgt Ion: 56 Resp: 6610
Ion Ratio Lower Upper
56 100
69 26.5 25.1 37.7
84 95.5 70.2 105.4

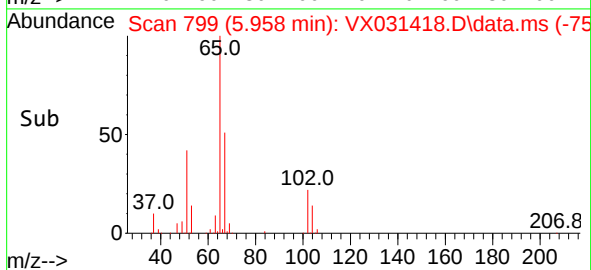
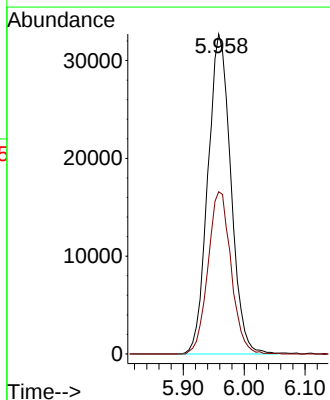
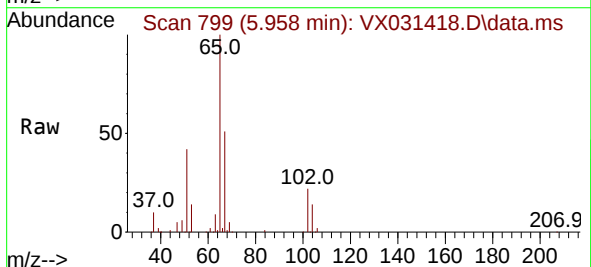
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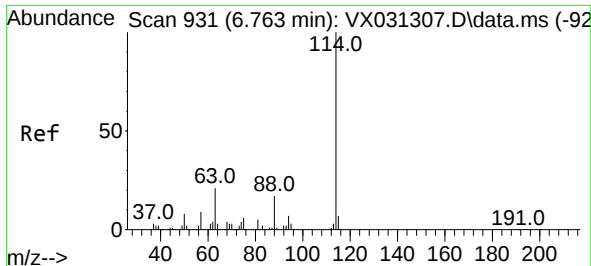
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#33
1,2-Dichloroethane-d4
Concen: 42.511 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Tgt Ion: 65 Resp: 85720
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





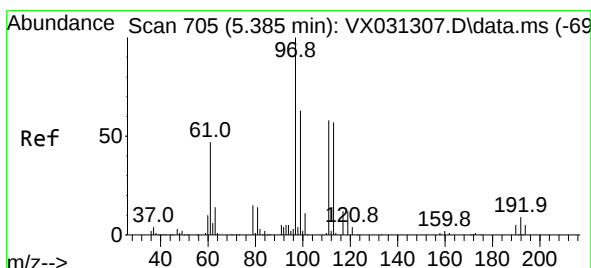
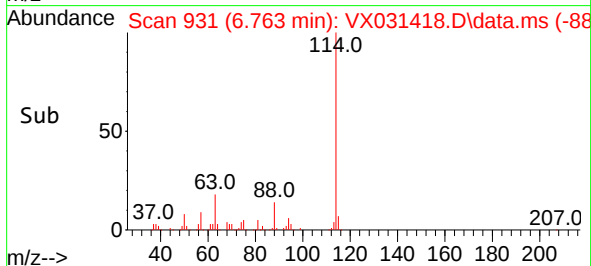
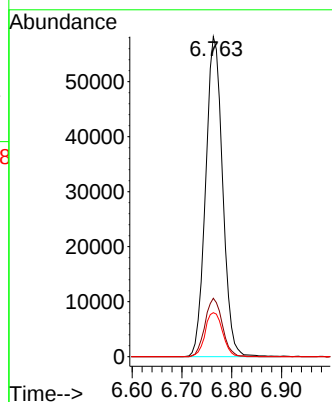
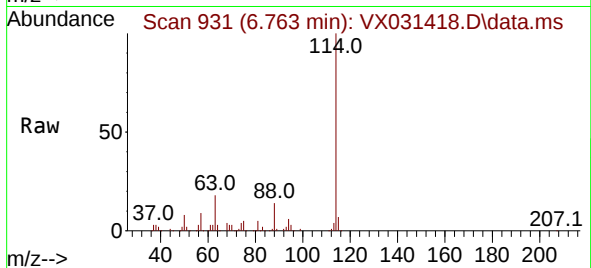
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :
INF-0907

Tgt Ion:114 Resp: 13759
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.6
88 13.8 0.0 33.0

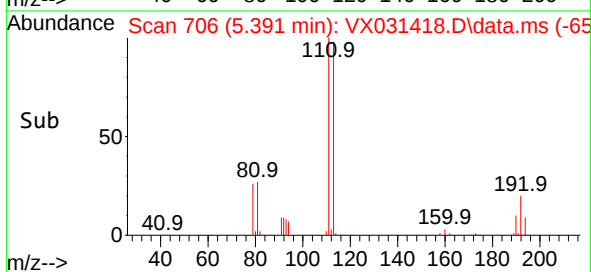
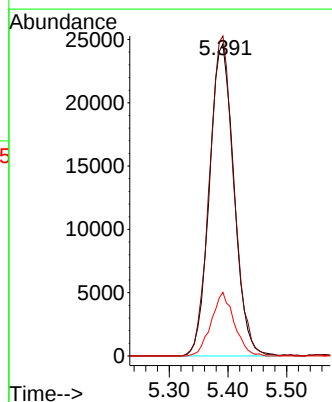
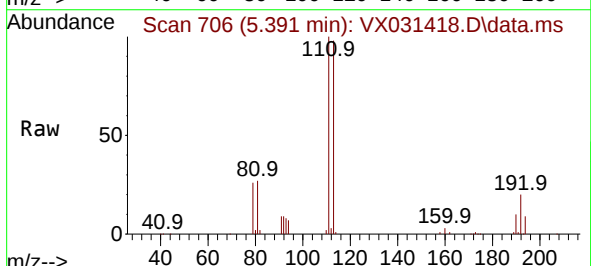
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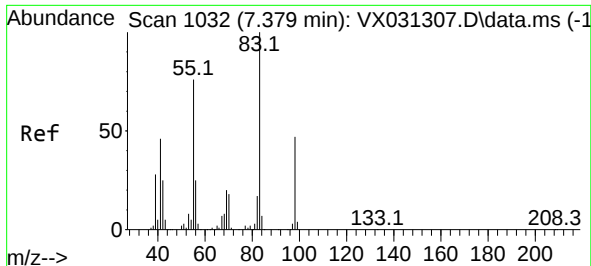
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#35
Dibromofluoromethane
Concen: 48.250 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Tgt Ion:113 Resp: 71363
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.1 14.1 21.1





#39

Methylcyclohexane

Concen: 1.719 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX031418.D

Acq: 16 Sep 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

INF-0907

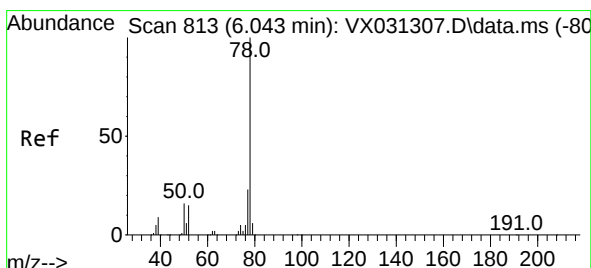
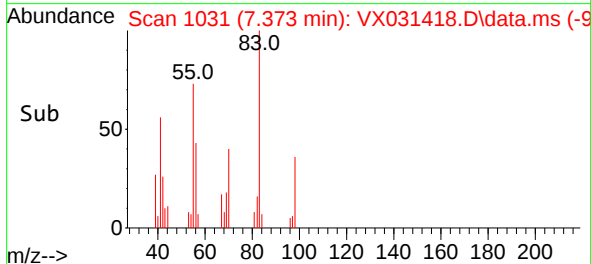
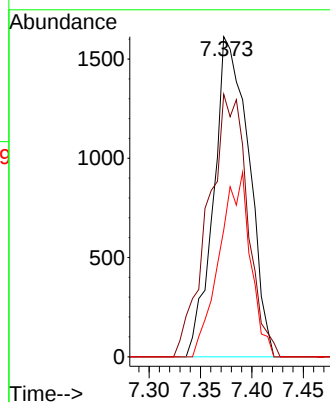
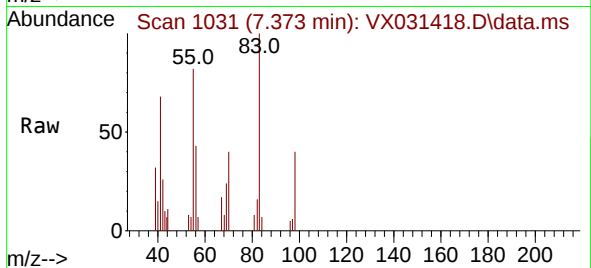
Tgt Ion: 83	Resp: 383
Ion Ratio	Lower Upper
83	100
55	82.0 61.0 91.4
98	39.6 37.7 56.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 28.540 ug/l

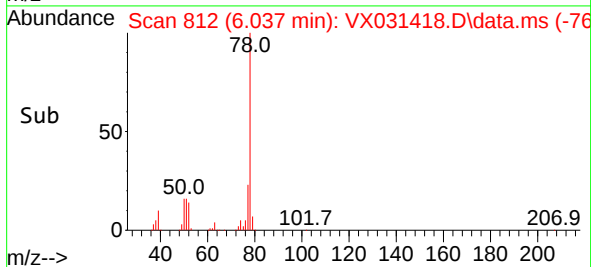
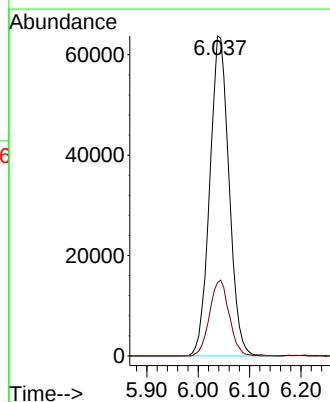
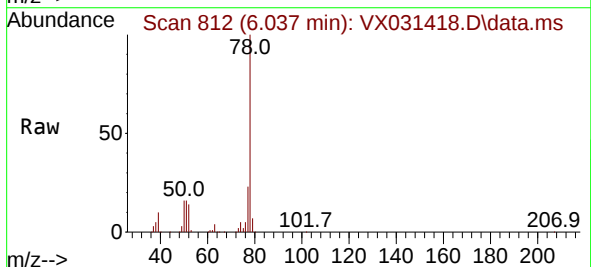
RT: 6.037 min Scan# 812

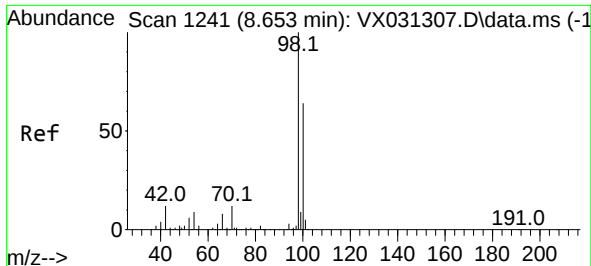
Delta R.T. -0.006 min

Lab File: VX031418.D

Acq: 16 Sep 2022 18:22

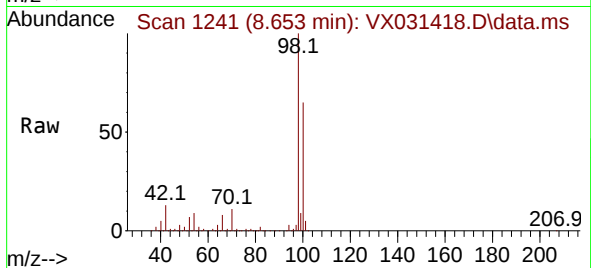
Tgt Ion: 78	Resp: 165911
Ion Ratio	Lower Upper
78	100
77	22.9 18.7 28.1





#50
Toluene-d8
Concen: 48.729 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

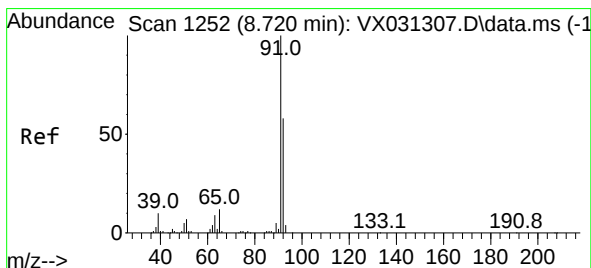
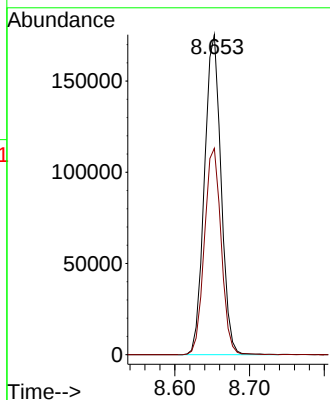
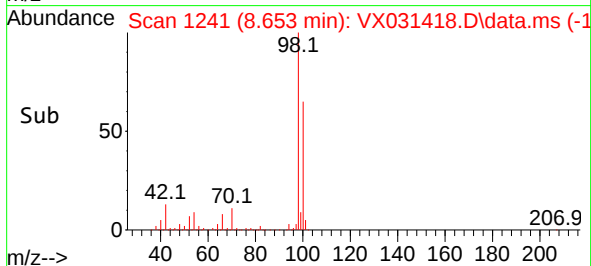
Instrument :
MSVOA_X
ClientSampleId :
INF-0907



Tgt Ion: 98 Resp: 27035
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

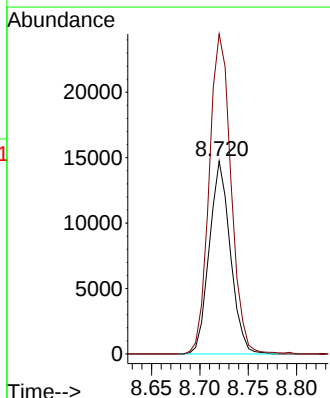
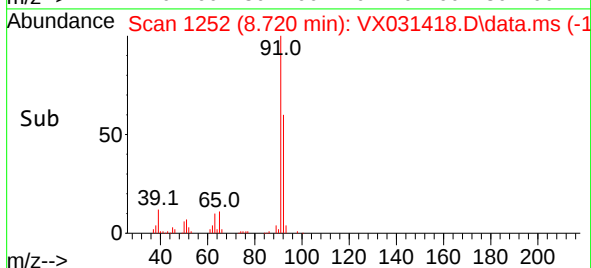
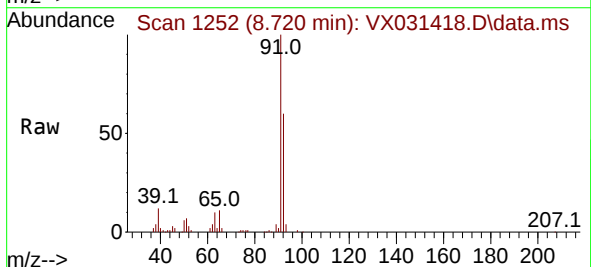
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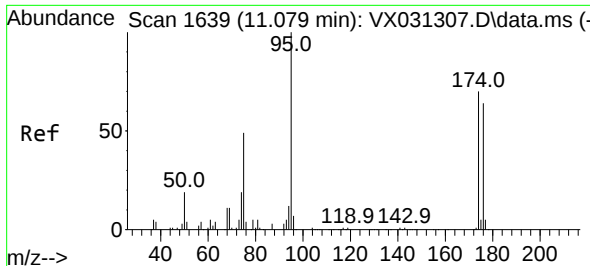
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
Toluene
Concen: 6.063 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Tgt Ion: 92 Resp: 22297
Ion Ratio Lower Upper
92 100
91 172.8 137.1 205.7





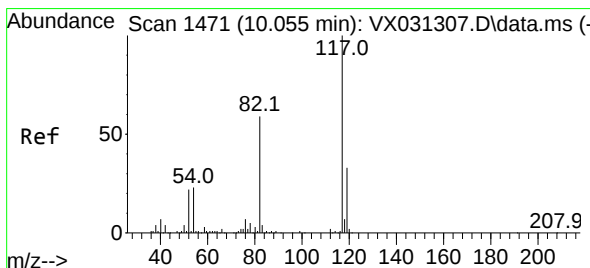
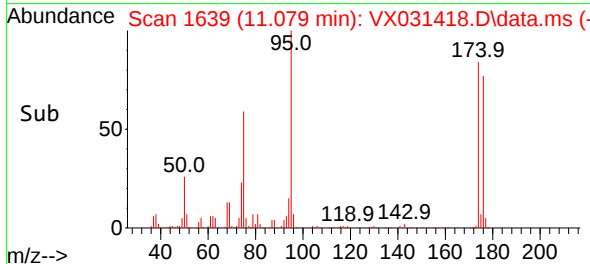
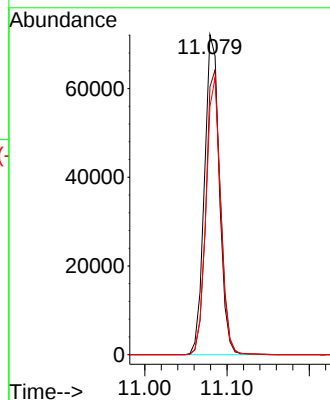
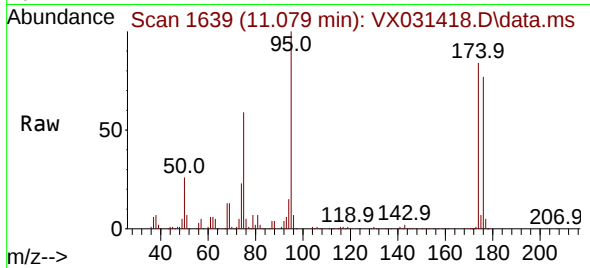
#62
4-Bromofluorobenzene
Concen: 44.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :
INF-0907

Tgt Ion: 95 Resp: 9073
Ion Ratio Lower Upper
95 100
174 87.9 0.0 153.2
176 84.9 0.0 144.0

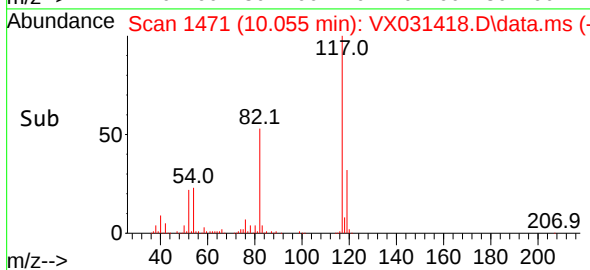
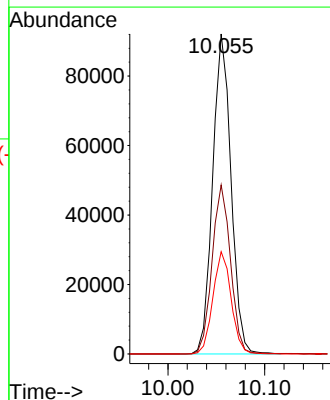
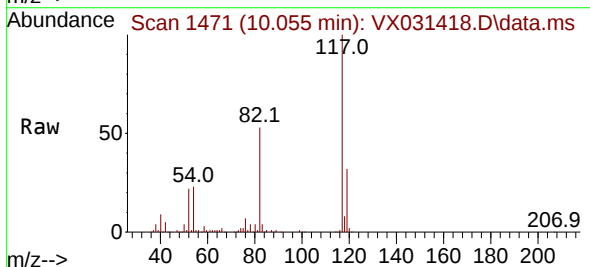
Manual Integrations
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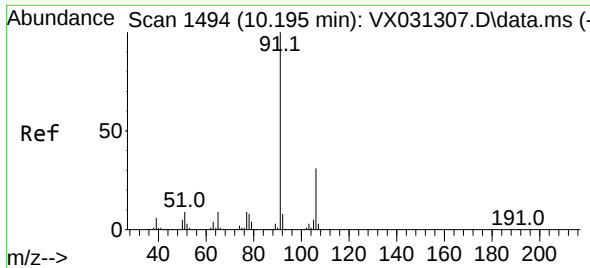
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

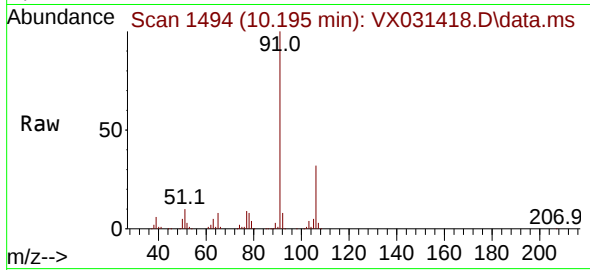
Tgt Ion:117 Resp: 121540
Ion Ratio Lower Upper
117 100
82 52.8 46.8 70.2
119 32.0 26.4 39.6





#67
Ethyl Benzene
Concen: 17.458 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

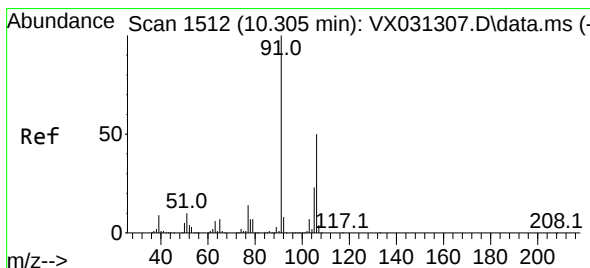
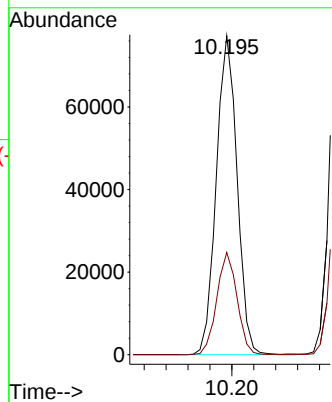
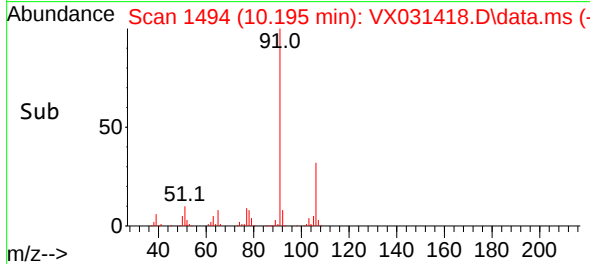
Instrument :
MSVOA_X
ClientSampleId :
INF-0907



Tgt Ion: 91 Resp: 101788
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8

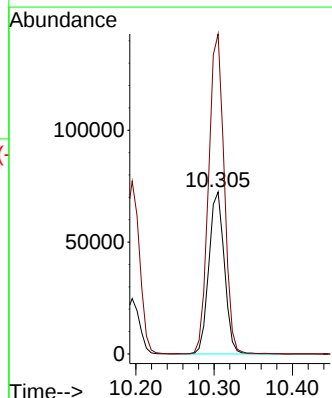
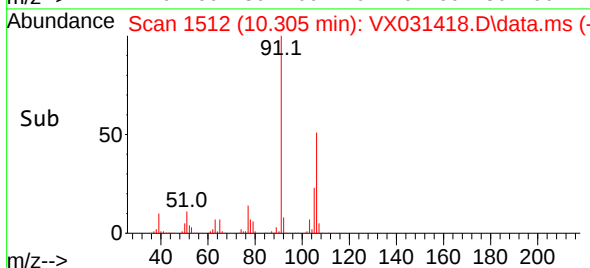
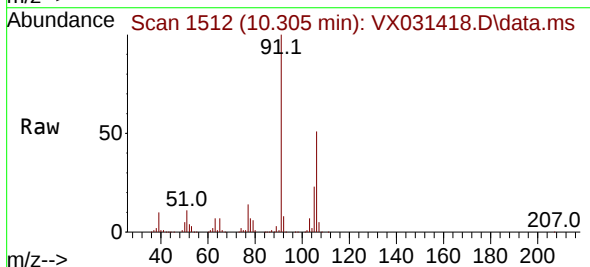
Manual Integrations
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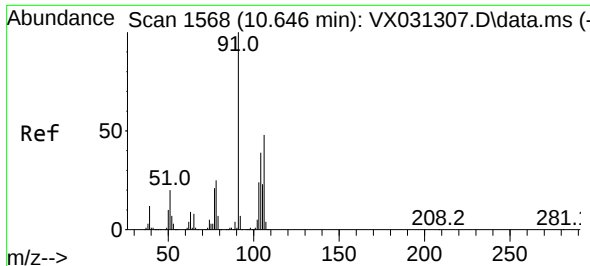
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
m/p-Xylenes
Concen: 44.761 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Tgt Ion:106 Resp: 99096
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4





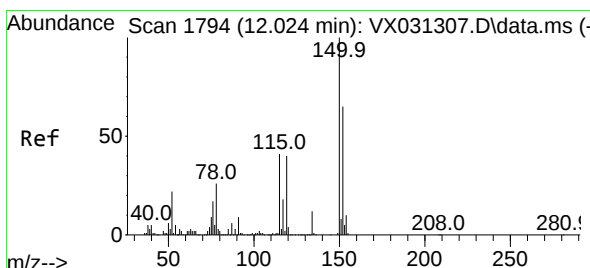
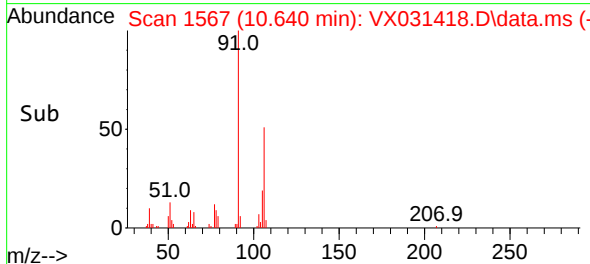
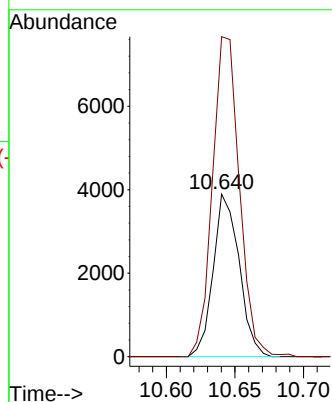
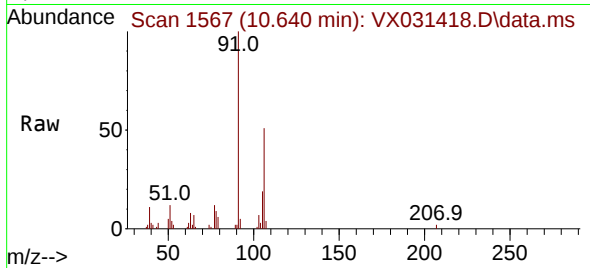
#69
o-Xylene
Concen: 2.280 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :
INF-0907

Tgt Ion:106 Resp: 512
Ion Ratio Lower Upper
106 100
91 204.9 107.2 321.6

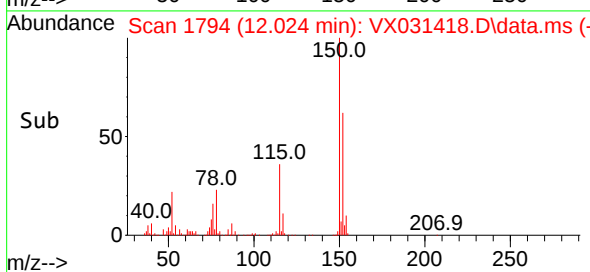
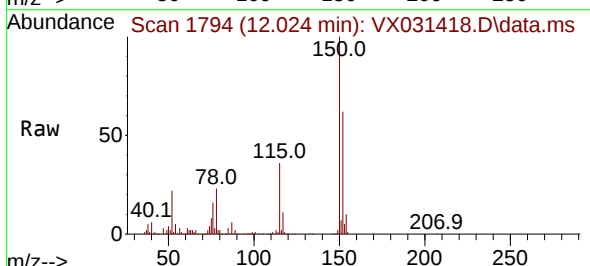
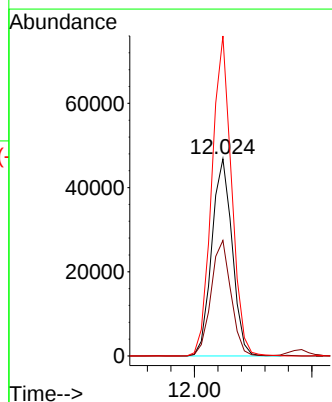
Manual Integrations
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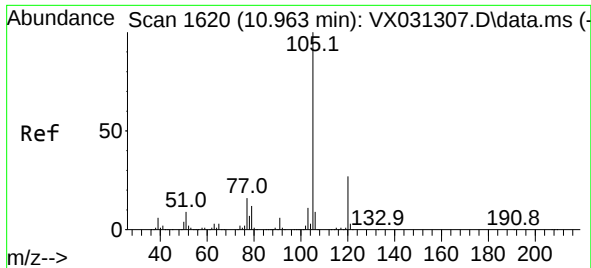
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Tgt Ion:152 Resp: 56442
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 157.0 0.0 346.8





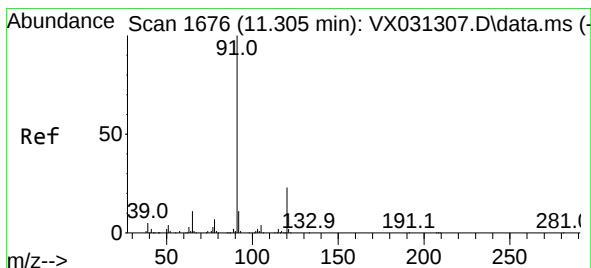
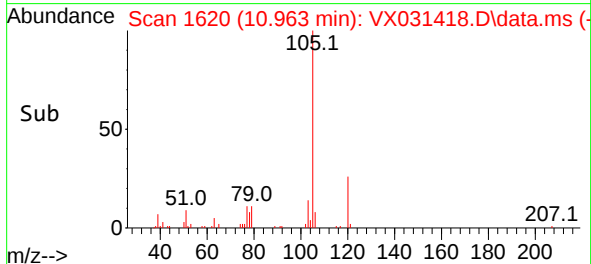
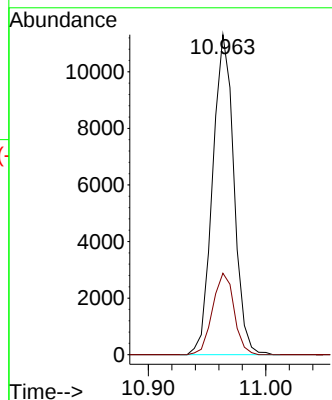
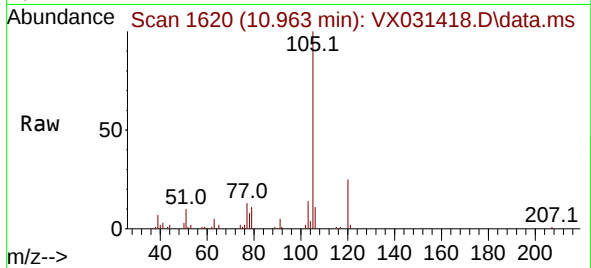
#73
Isopropylbenzene
Concen: 3.416 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :
INF-0907

Tgt Ion:105 Resp: 14240
Ion Ratio Lower Upper
105 100
120 25.7 13.7 41.0

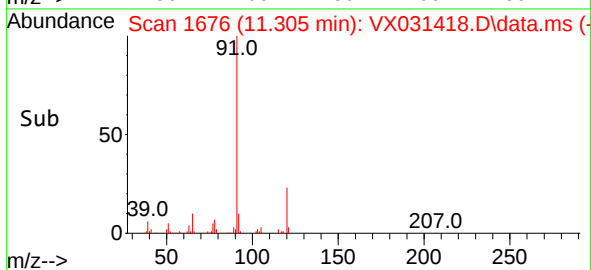
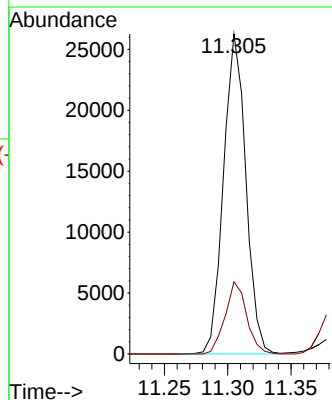
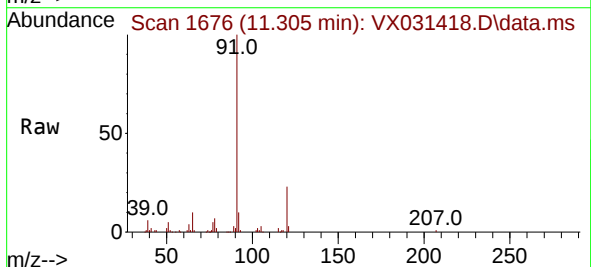
Manual Integrations
APPROVED

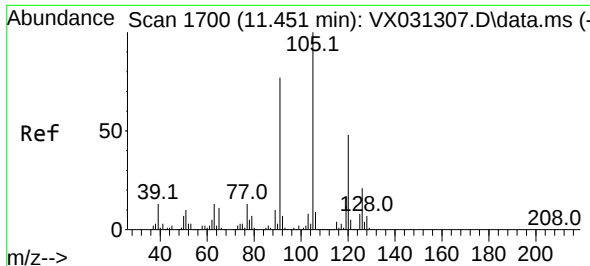
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
n-propylbenzene
Concen: 6.583 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

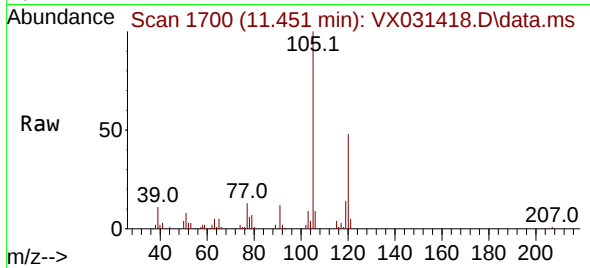
Tgt Ion: 91 Resp: 32205
Ion Ratio Lower Upper
91 100
120 21.8 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 6.211 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22

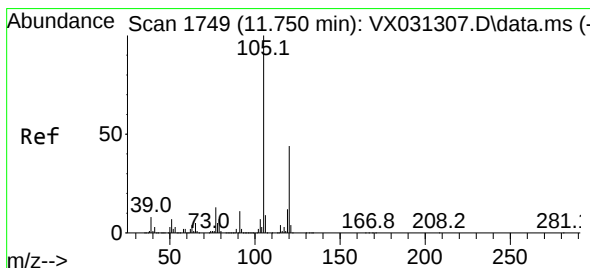
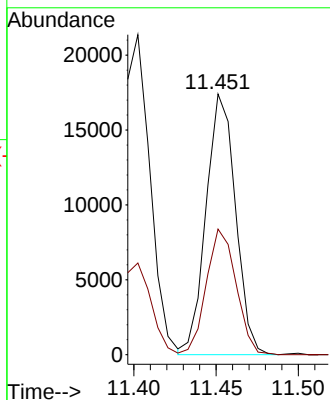
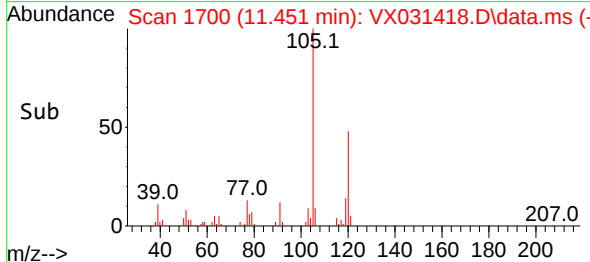
Instrument :
MSVOA_X
ClientSampleId :
INF-0907



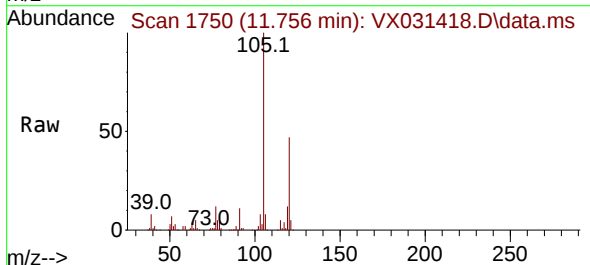
Tgt Ion:105 Resp: 2169
Ion Ratio Lower Upper
105 100
120 48.7 24.5 73.5

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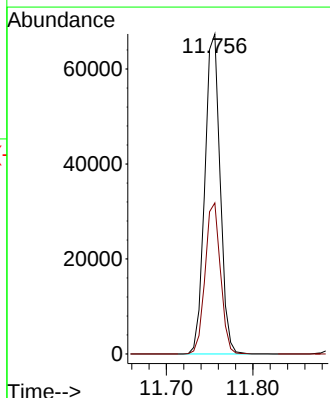
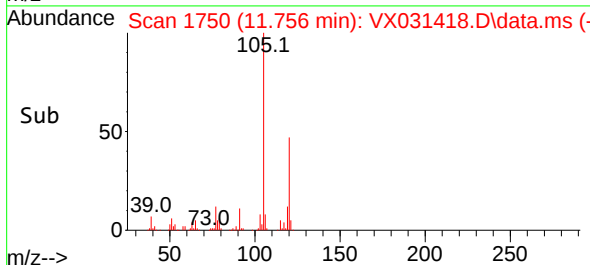
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

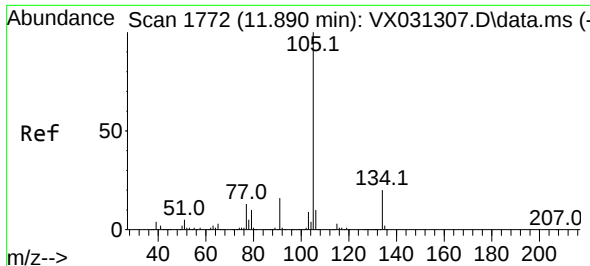


#84
1,2,4-Trimethylbenzene
Concen: 23.828 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031418.D
Acq: 16 Sep 2022 18:22



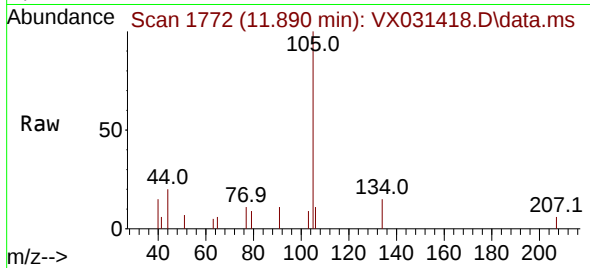
Tgt Ion:105 Resp: 82719
Ion Ratio Lower Upper
105 100
120 47.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.291 ug/l m
 RT: 11.890 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VX031418.D
 Acq: 16 Sep 2022 18:22

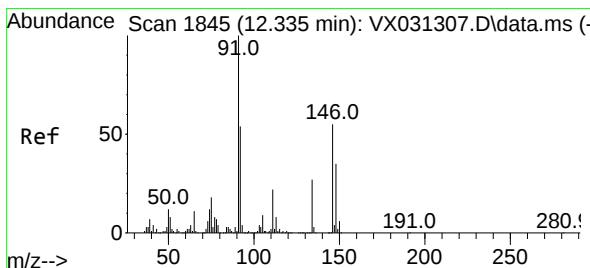
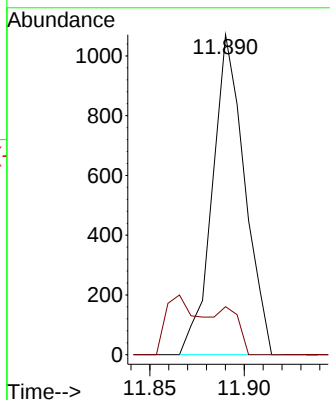
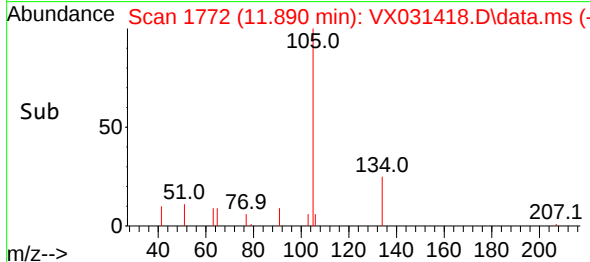
Instrument :
 MSVOA_X
 ClientSampleId :
 INF-0907



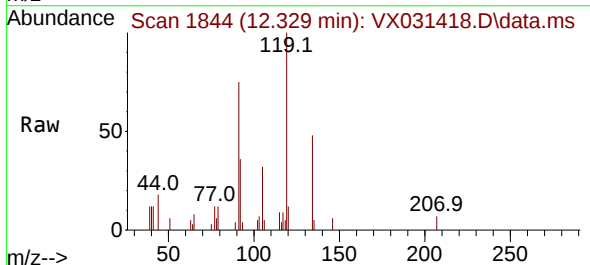
Tgt Ion:105 Resp: 1270
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

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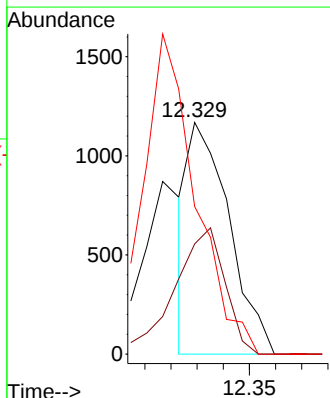
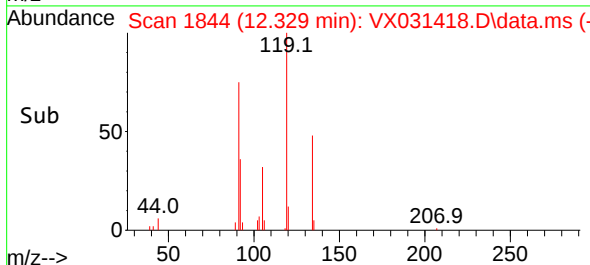
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

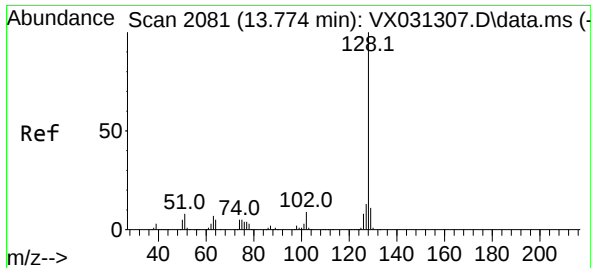


#89
 n-Butylbenzene
 Concen: 0.402 ug/l m
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX031418.D
 Acq: 16 Sep 2022 18:22



Tgt Ion: 91 Resp: 1270
 Ion Ratio Lower Upper
 91 100
 92 67.1 27.0 81.0
 134 176.1 13.3 39.9





#95

Naphthalene

Concen: 8.291 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031418.D

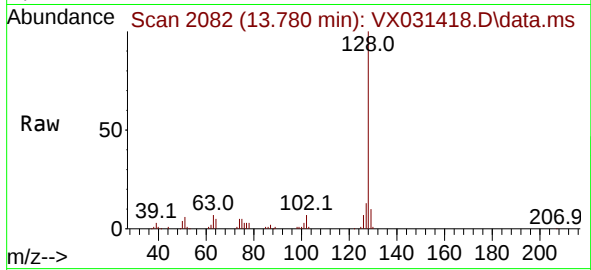
Acq: 16 Sep 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

INF-0907



Tgt Ion:128 Resp: 3365

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022

