

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027407.D
 Acq On : 11 Mar 2022 17:17
 Operator : JC/MD
 Sample : N1895-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP031022

Quant Time: Mar 11 23:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	396532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	630348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	557630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195581	42.295	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.600%		
35) Dibromofluoromethane	5.391	113	197219	48.488	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.980%		
50) Toluene-d8	8.653	98	725942	47.276	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.085	95	260012	44.428	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.860%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	11331	3.474	ug/l #	84
31) Cyclohexane	5.477	56	105239	16.270	ug/l #	87
39) Methylcyclohexane	7.385	83	159911	22.424	ug/l	97
40) Benzene	6.043	78	78193	4.546	ug/l	99
52) Toluene	8.726	92	7585297	691.777	ug/l	86
67) Ethyl Benzene	10.201	91	18991941	938.717	ug/l #	46
68) m/p-Xylenes	10.348	106	27079026	3412.263	ug/l #	1
69) o-Xylene	10.671	106	18431400	2352.444	ug/l #	1
73) Isopropylbenzene	10.969	105	2582531	124.483	ug/l	99
78) n-propylbenzene	11.311	91	4216443	180.682	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	6683811	375.783	ug/l	93
84) 1,2,4-Trimethylbenzene	11.762	105	15385943	872.194	ug/l	71
85) sec-Butylbenzene	11.896	105	201508m	9.397	ug/l	
86) p-Isopropyltoluene	12.012	119	94071m	5.182	ug/l	
95) Naphthalene	13.780	128	7847498	367.233	ug/l	95

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

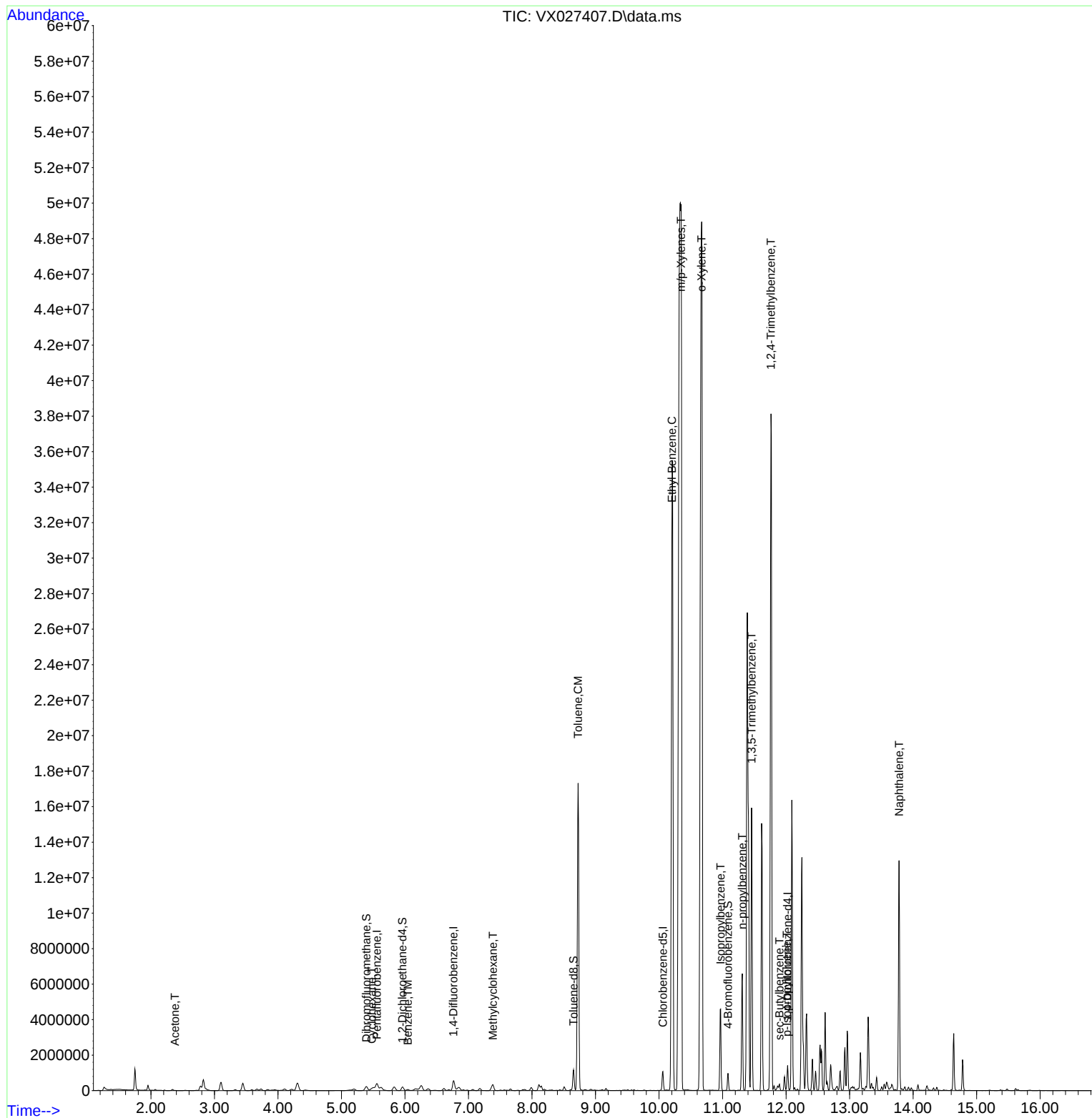
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027407.D
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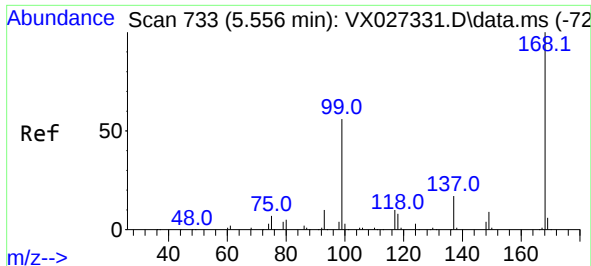
Instrument :
MSVOA_X
ClientSampleId :
DUP031022

Quant Time: Mar 11 23:13:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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APPROVED

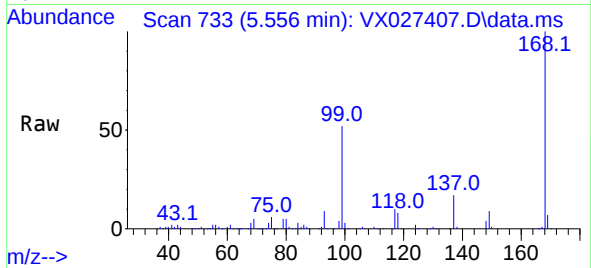
Reviewed By : John Carlone 03/14/2022
Supervised By : Mahesh Dadoda 03/14/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

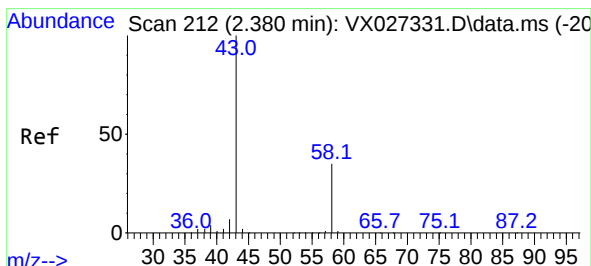
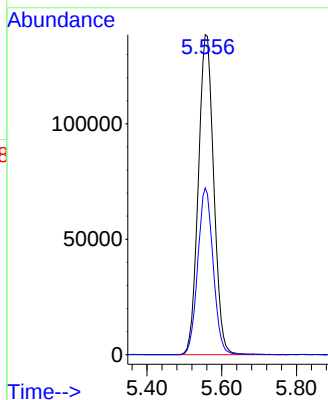
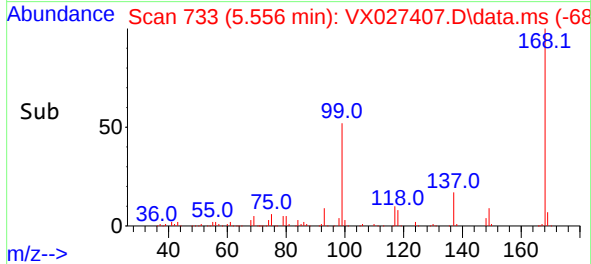
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



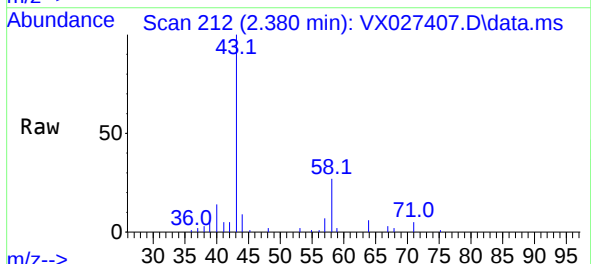
Tgt Ion:168 Resp: 396532
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5

Manual Integrations
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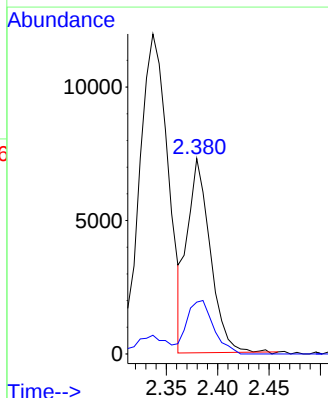
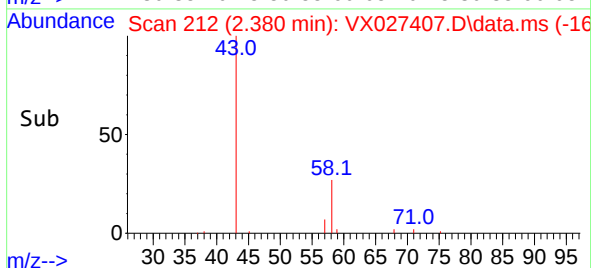
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

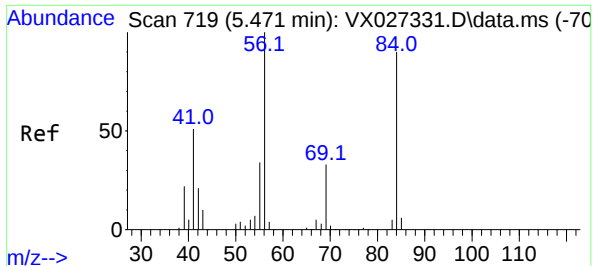


#16
Acetone
Concen: 3.474 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



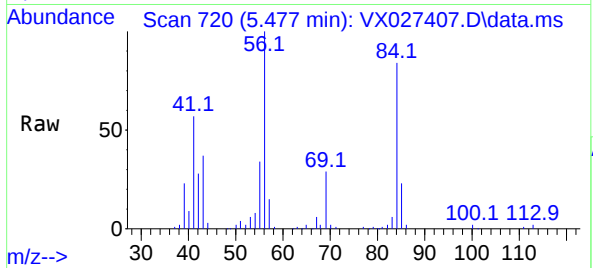
Tgt Ion: 43 Resp: 11331
Ion Ratio Lower Upper
43 100
58 26.8 28.8 43.2#





#31
Cyclohexane
Concen: 16.270 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

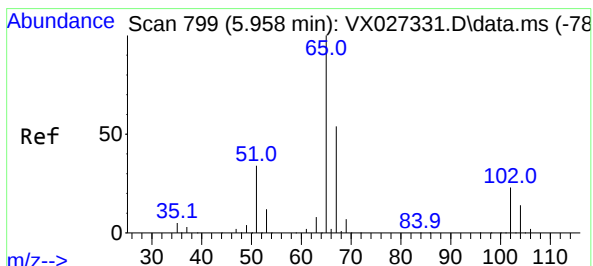
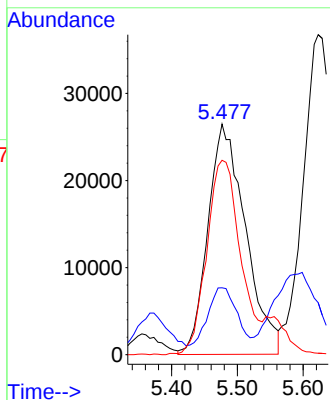
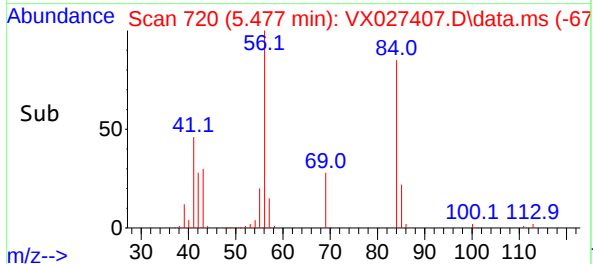
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MSVOA_X
ClientSampleId :
DUP031022



Tgt Ion: 56 Resp: 105239
Ion Ratio Lower Upper
56 100
69 23.6 26.7 40.1
84 85.3 77.2 115.8

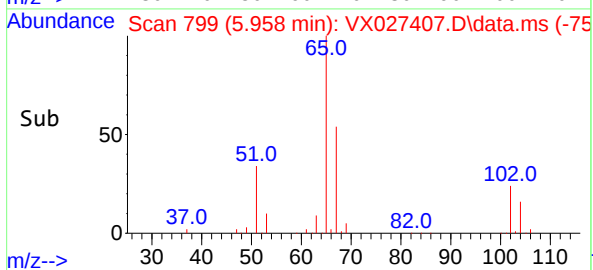
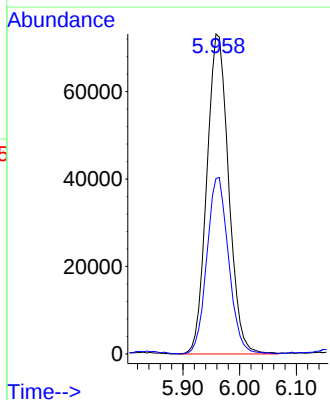
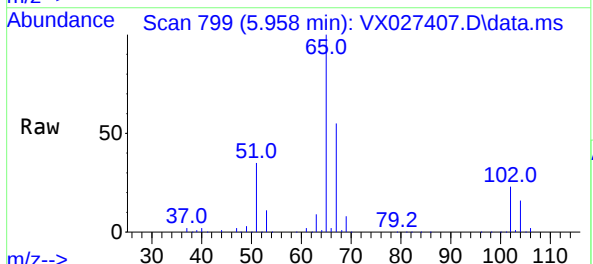
Manual Integrations
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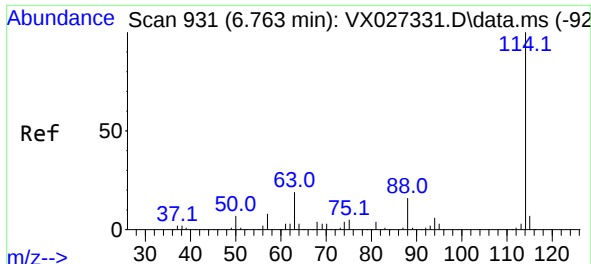
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#33
1,2-Dichloroethane-d4
Concen: 42.295 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

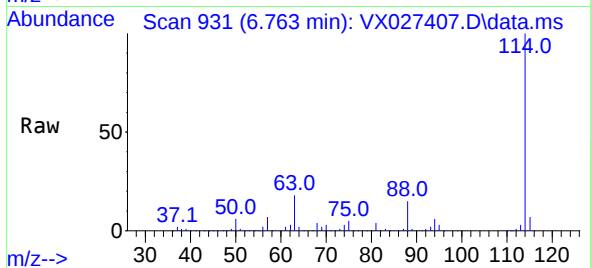
Tgt Ion: 65 Resp: 195581
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

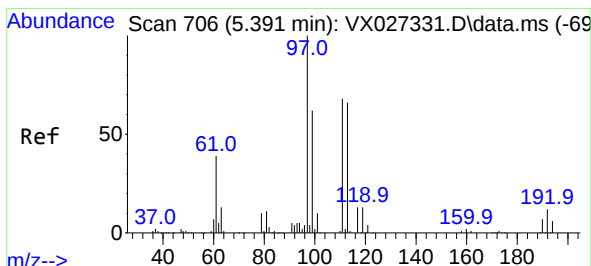
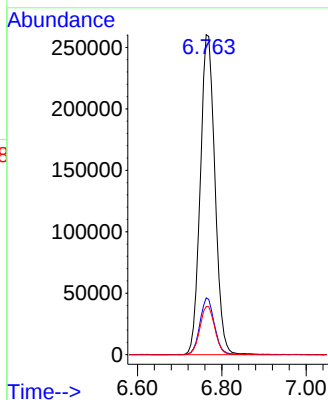
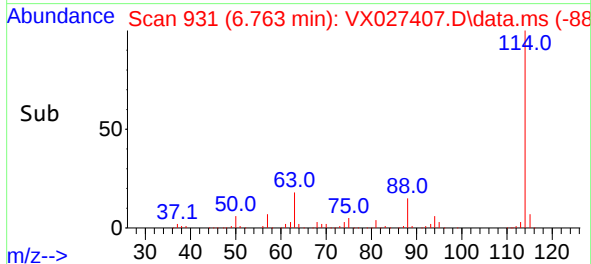
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



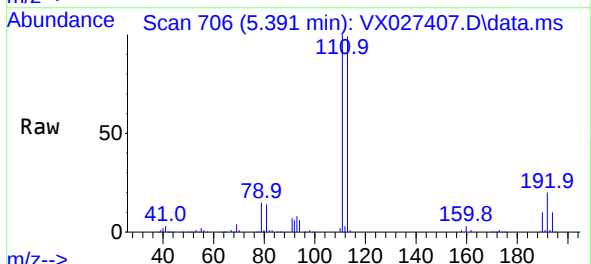
Tgt Ion:114 Resp: 630348
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.1 0.0 32.4

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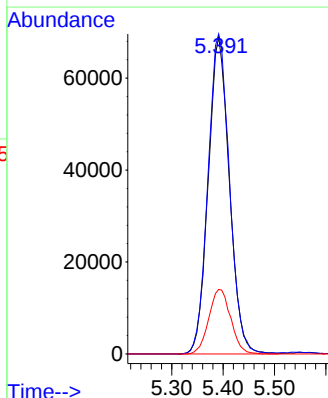
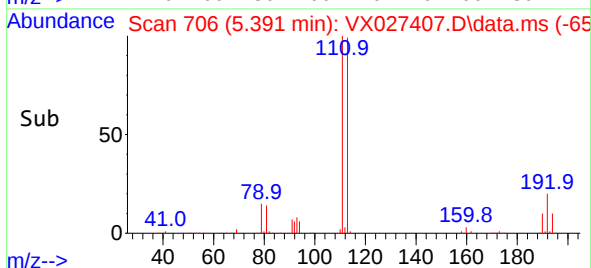
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

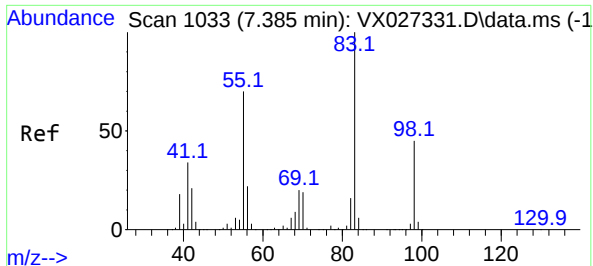


#35
Dibromofluoromethane
Concen: 48.488 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



Tgt Ion:113 Resp: 197219
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 21.1 16.9 25.3





#39

Methylcyclohexane

Concen: 22.424 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027407.D

Acq: 11 Mar 2022 17:17

Instrument :

MSVOA_X

ClientSampleId :

DUP031022

Tgt Ion: 83 Resp: 15991

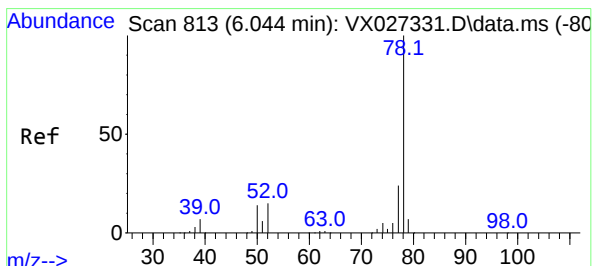
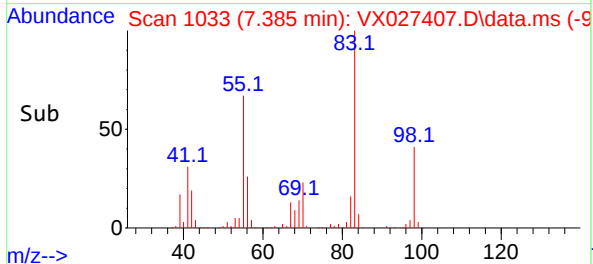
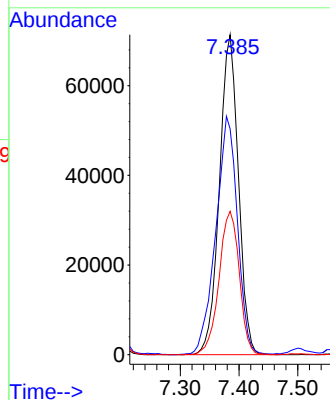
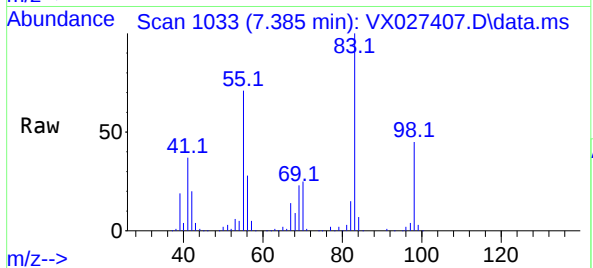
Ion	Ratio	Lower	Upper
83	100		
55	70.5	54.6	81.8
98	44.8	37.4	56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 03/14/2022



#40

Benzene

Concen: 4.546 ug/l

RT: 6.043 min Scan# 813

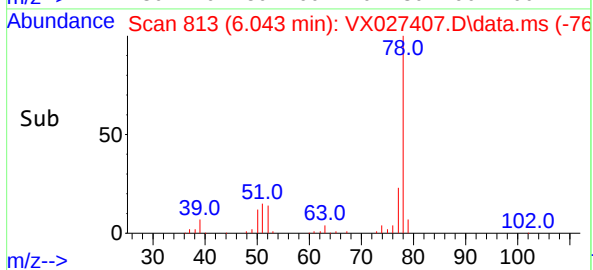
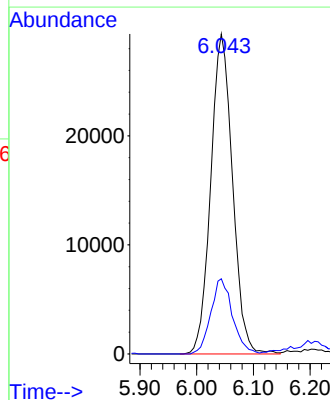
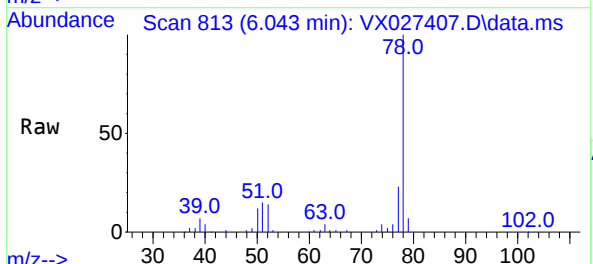
Delta R.T. -0.000 min

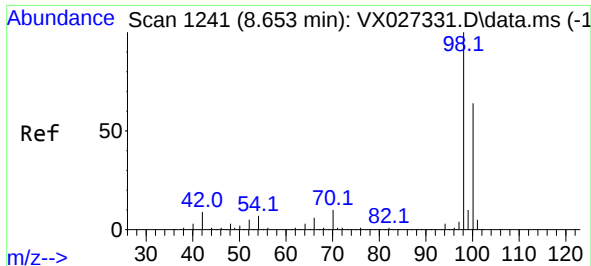
Lab File: VX027407.D

Acq: 11 Mar 2022 17:17

Tgt Ion: 78 Resp: 78193

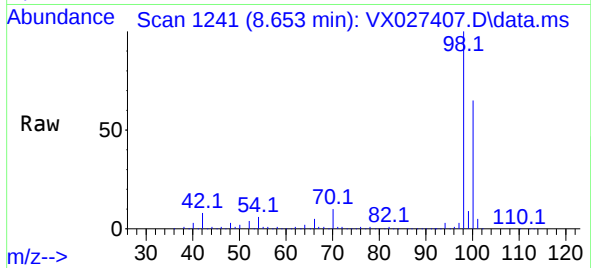
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#50
Toluene-d8
Concen: 47.276 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

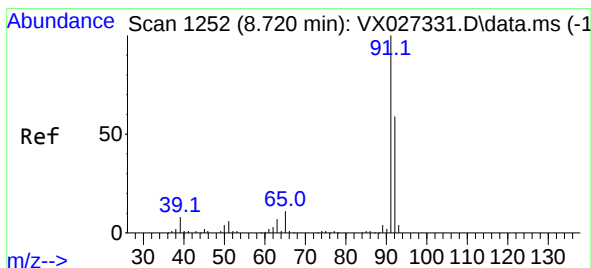
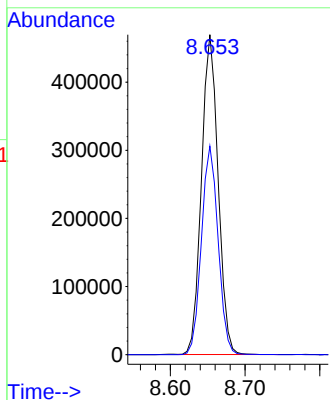
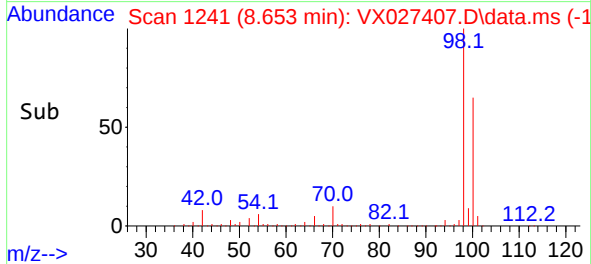
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



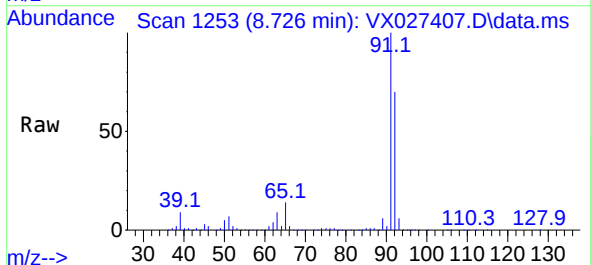
Tgt Ion: 98 Resp: 72594
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

Manual Integrations
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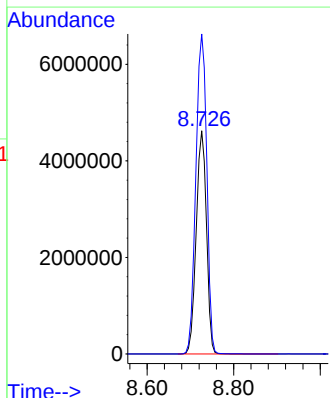
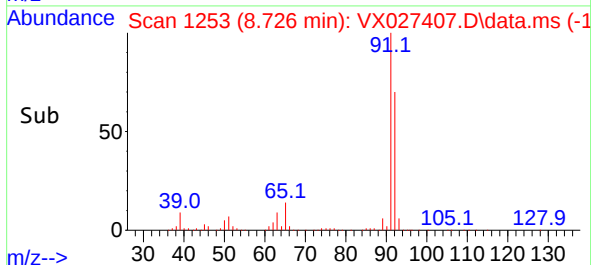
Reviewed By :John Carlone 03/14/2022
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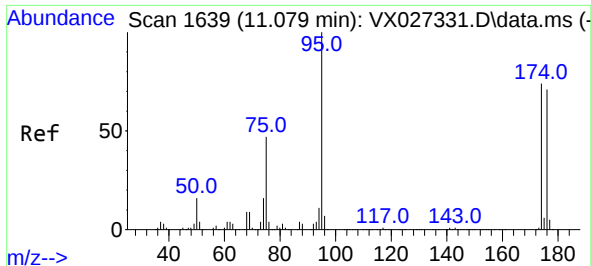


#52
Toluene
Concen: 691.777 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



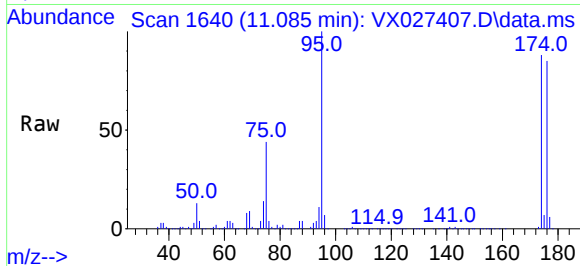
Tgt Ion: 92 Resp: 7585297
Ion Ratio Lower Upper
92 100
91 152.7 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 44.428 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

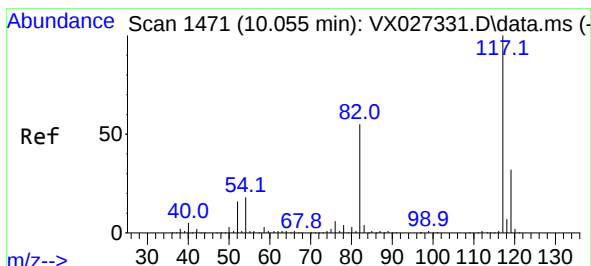
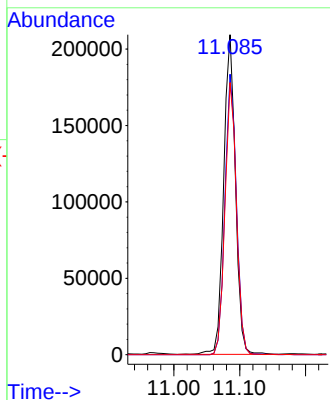
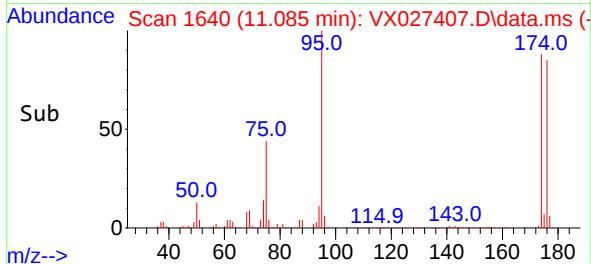
Instrument :
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ClientSampleId :
DUP031022



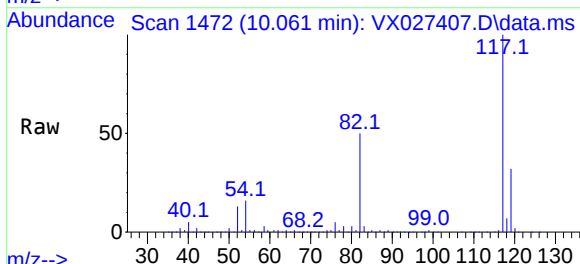
Tgt Ion: 95 Resp: 260012
Ion Ratio Lower Upper
95 100
174 85.7 0.0 163.0
176 83.0 0.0 155.0

Manual Integrations
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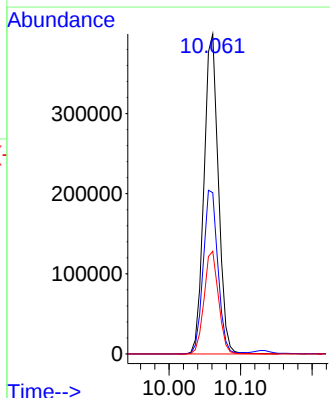
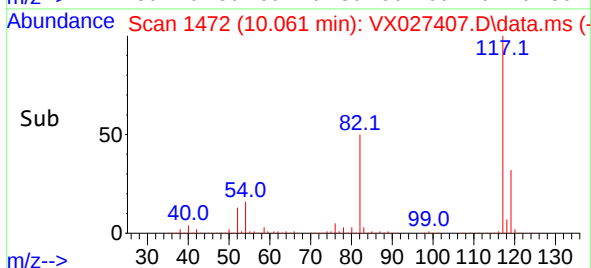
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

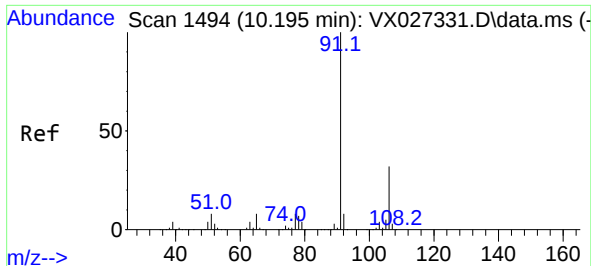


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



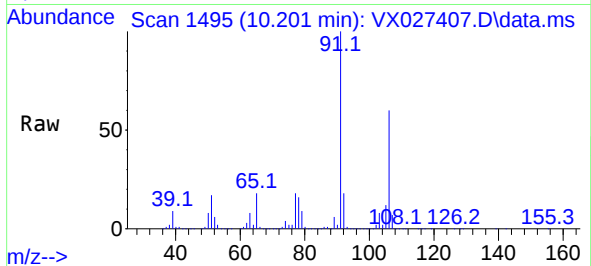
Tgt Ion:117 Resp: 557630
Ion Ratio Lower Upper
117 100
82 50.3 41.8 62.8
119 32.1 24.8 37.2





#67
Ethyl Benzene
Concen: 938.717 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

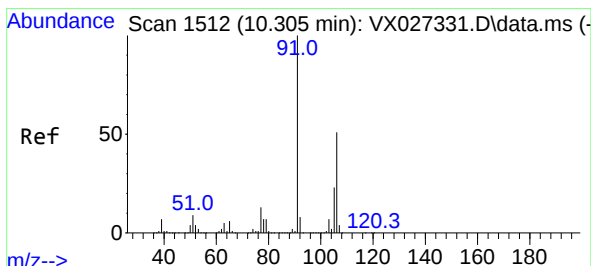
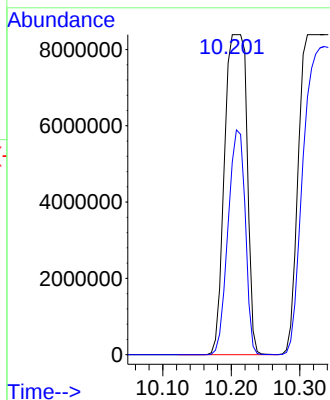
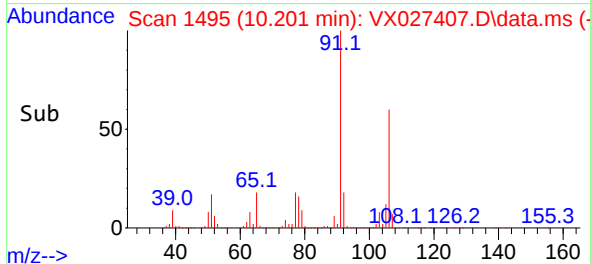
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



Tgt Ion: 91 Resp:1899194
Ion Ratio Lower Upper
91 100
106 60.2 24.6 36.8

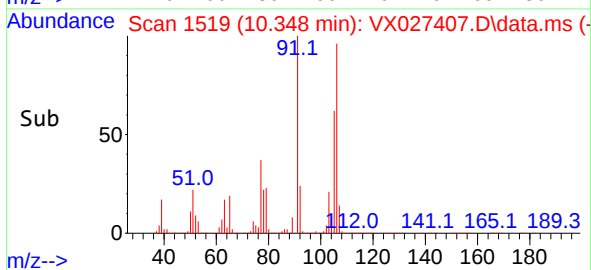
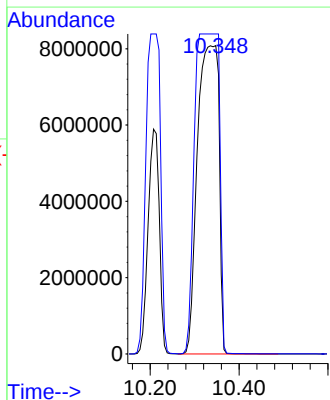
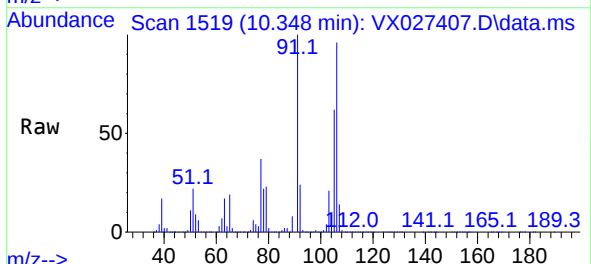
Manual Integrations
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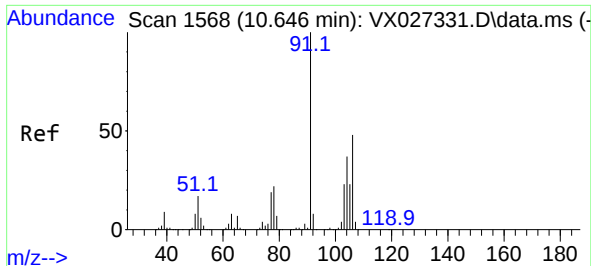
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#68
m/p-Xylenes
Concen: 3412.263 ug/l
RT: 10.348 min Scan# 1519
Delta R.T. 0.043 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

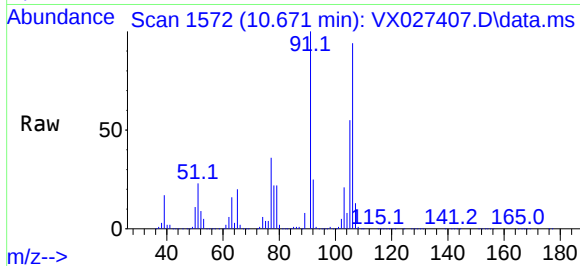
Tgt Ion:106 Resp:27079026
Ion Ratio Lower Upper
106 100
91 0.0 160.4 240.6





#69
o-Xylene
Concen: 2352.444 ug/l
RT: 10.671 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

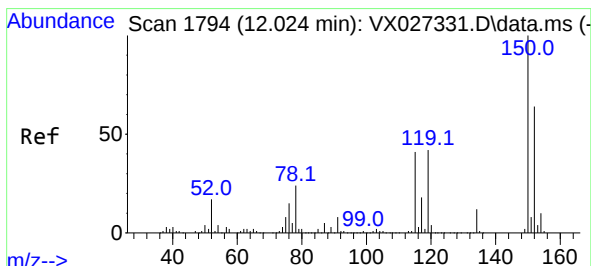
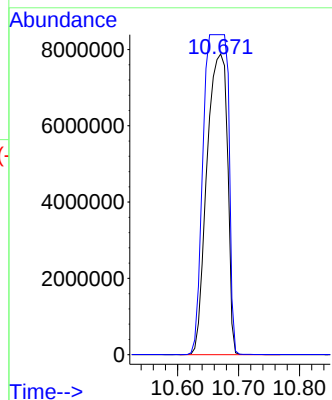
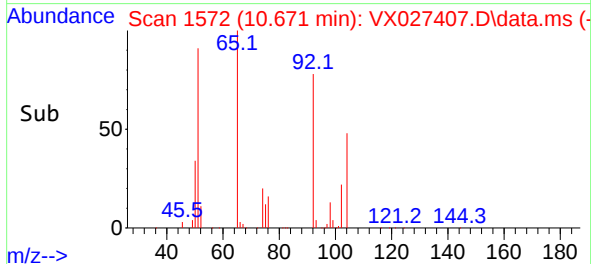
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



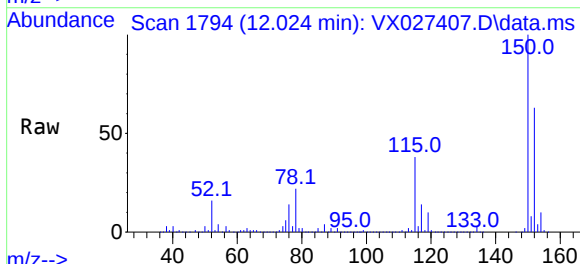
Tgt Ion:106 Resp:18431400
Ion Ratio Lower Upper
106 100
91 0.0 106.1 318.1

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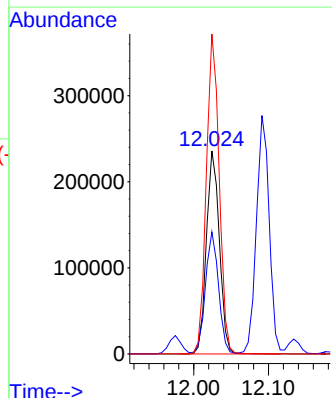
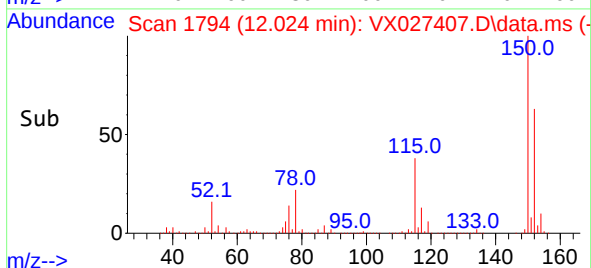
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

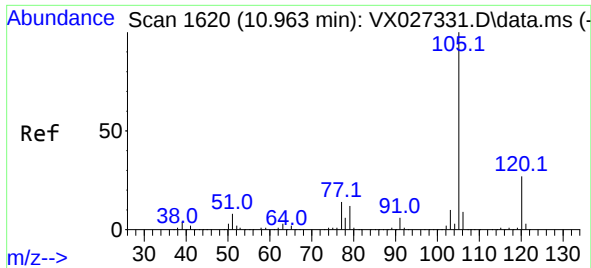


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



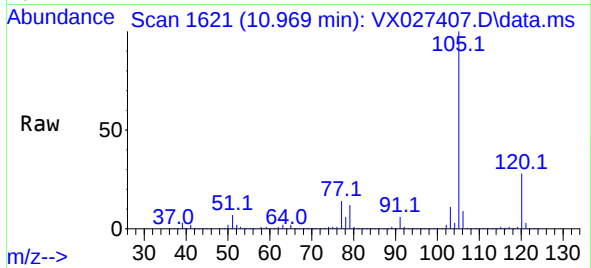
Tgt Ion:152 Resp: 283664
Ion Ratio Lower Upper
152 100
115 59.5 37.5 112.7
150 156.2 0.0 338.2





#73
Isopropylbenzene
Concen: 124.483 ug/l
RT: 10.969 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

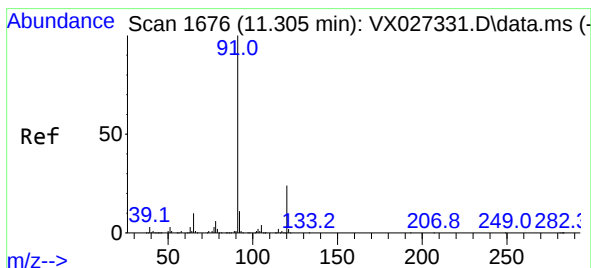
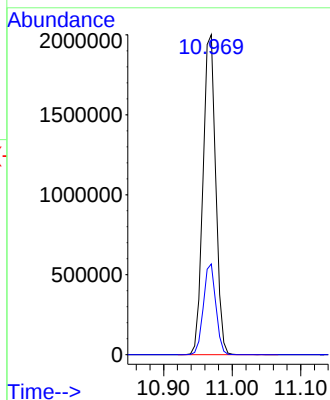
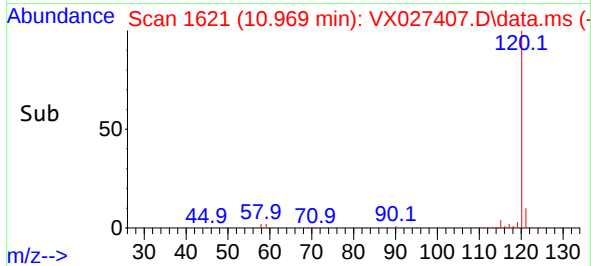
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



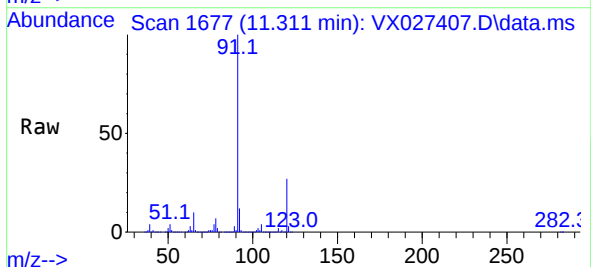
Tgt Ion:105 Resp: 258253
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5

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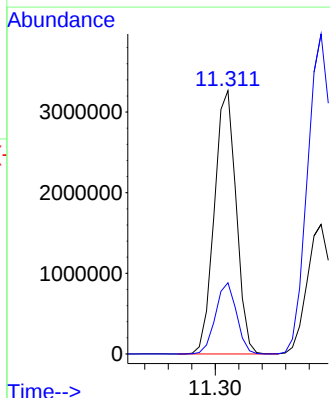
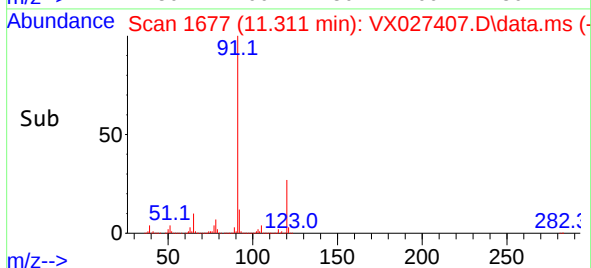
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

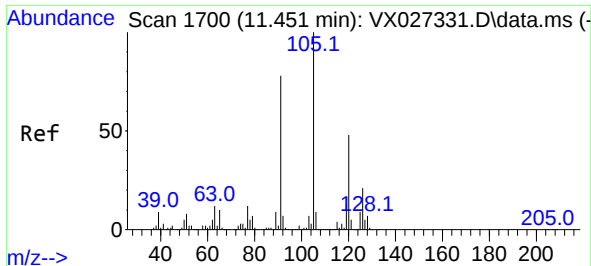


#78
n-propylbenzene
Concen: 180.682 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



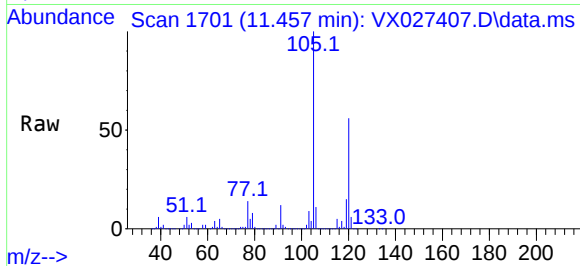
Tgt Ion: 91 Resp: 4216443
Ion Ratio Lower Upper
91 100
120 26.1 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 375.783 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

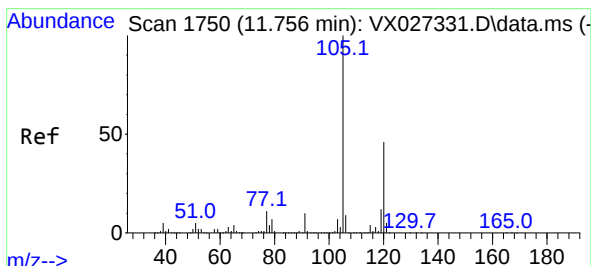
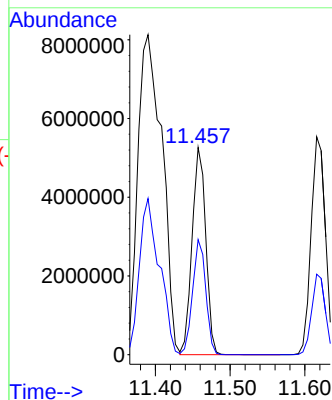
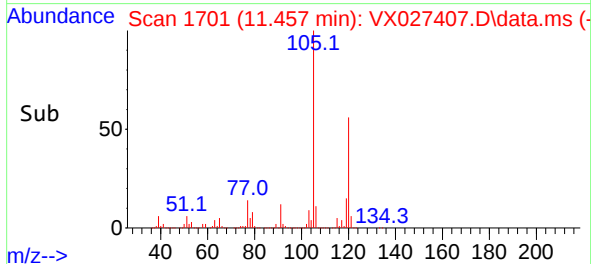
Instrument :
MSVOA_X
ClientSampleId :
DUP031022



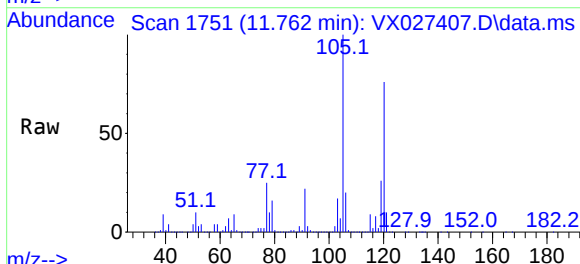
Tgt Ion:105 Resp: 668381
Ion Ratio Lower Upper
105 100
120 53.5 24.3 72.9

Manual Integrations
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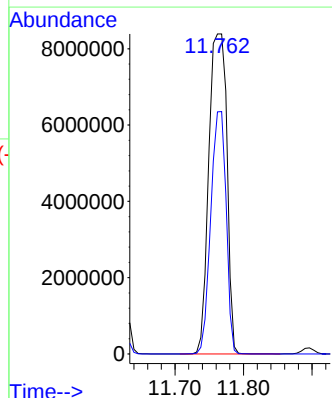
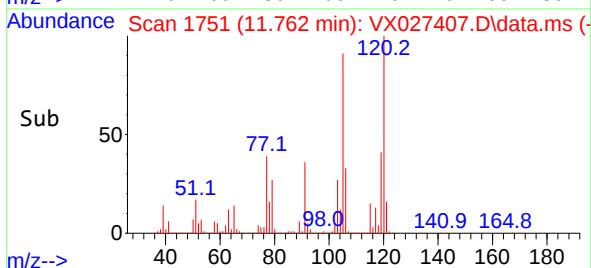
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

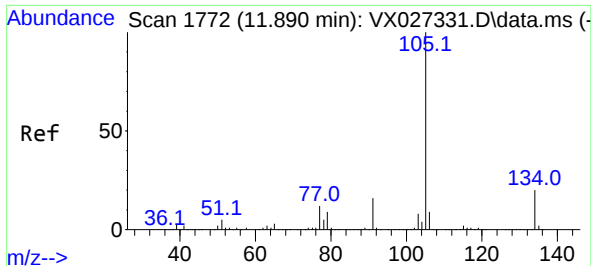


#84
1,2,4-Trimethylbenzene
Concen: 872.194 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17



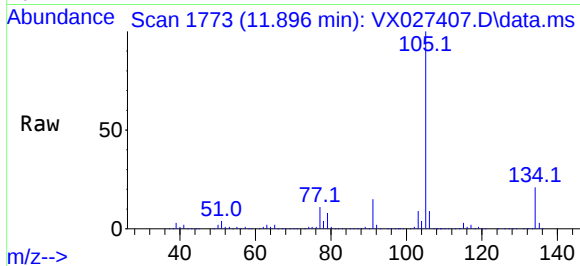
Tgt Ion:105 Resp:15385943
Ion Ratio Lower Upper
105 100
120 64.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 9.397 ug/l m
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX027407.D
 Acq: 11 Mar 2022 17:17

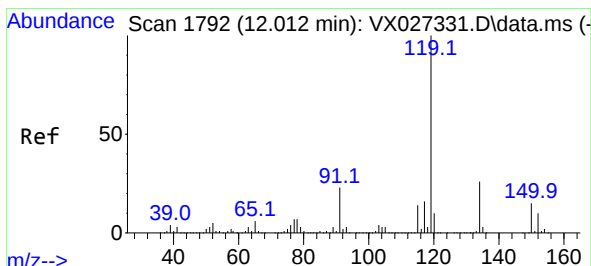
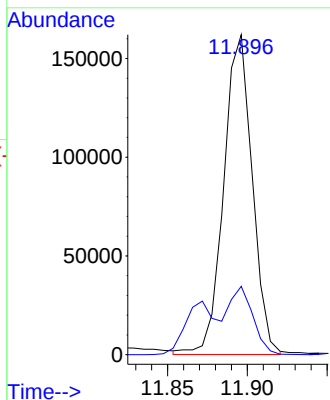
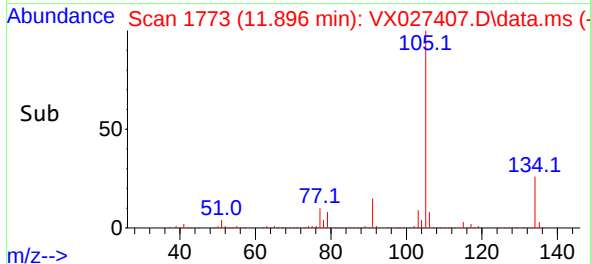
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP031022



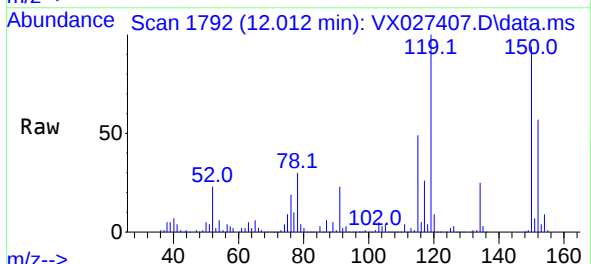
Tgt Ion:105 Resp: 201508
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
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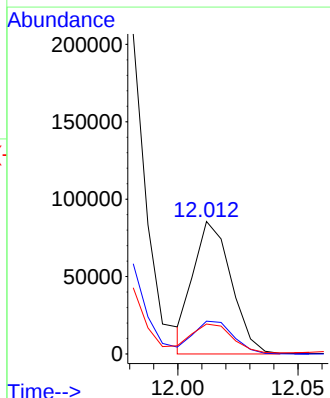
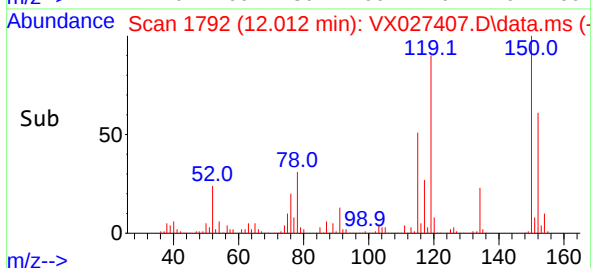
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022

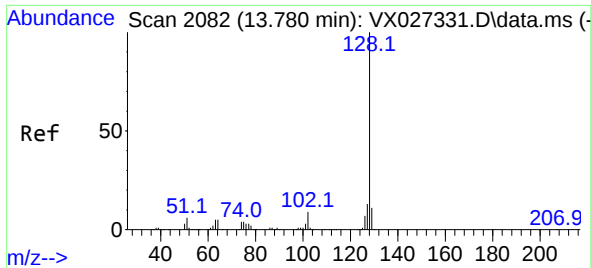


#86
 p-Isopropyltoluene
 Concen: 5.182 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027407.D
 Acq: 11 Mar 2022 17:17



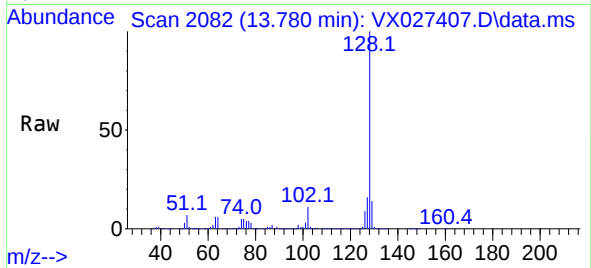
Tgt Ion:119 Resp: 94071
 Ion Ratio Lower Upper
 119 100
 134 105.6 13.0 39.0#
 91 0.0 11.3 33.9#





#95
Naphthalene
Concen: 367.233 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027407.D
Acq: 11 Mar 2022 17:17

Instrument :
MSVOA_X
ClientSampleId :
DUP031022



Tgt Ion:128 Resp: 7847498
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.4
129 13.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

