

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036719.D
 Acq On : 31 Jul 2023 14:47
 Operator : JC/MD
 Sample : 03808-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1712

Quant Time: Aug 01 04:37:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96363	45.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.960%		
35) Dibromofluoromethane	5.385	113	81852	45.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.760%		
50) Toluene-d8	8.647	98	312964	49.471	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	115736	48.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.980%		
Target Compounds						
16) Acetone	2.386	43	12169	13.840	ug/l	99
20) Methylene Chloride	2.788	84	3712	1.898	ug/l #	86
25) 2-Butanone	4.574	43	7743	5.428	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	2220	0.774	ug/l	91
52) Toluene	8.720	92	1800268	371.395	ug/l	99
67) Ethyl Benzene	10.195	91	4070	0.426	ug/l	100
68) m/p-Xylenes	10.305	106	3020	0.847	ug/l	97
69) o-Xylene	10.640	106	2999	0.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	4759m	0.627	ug/l	
95) Naphthalene	13.780	128	3243	0.409	ug/l #	81

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

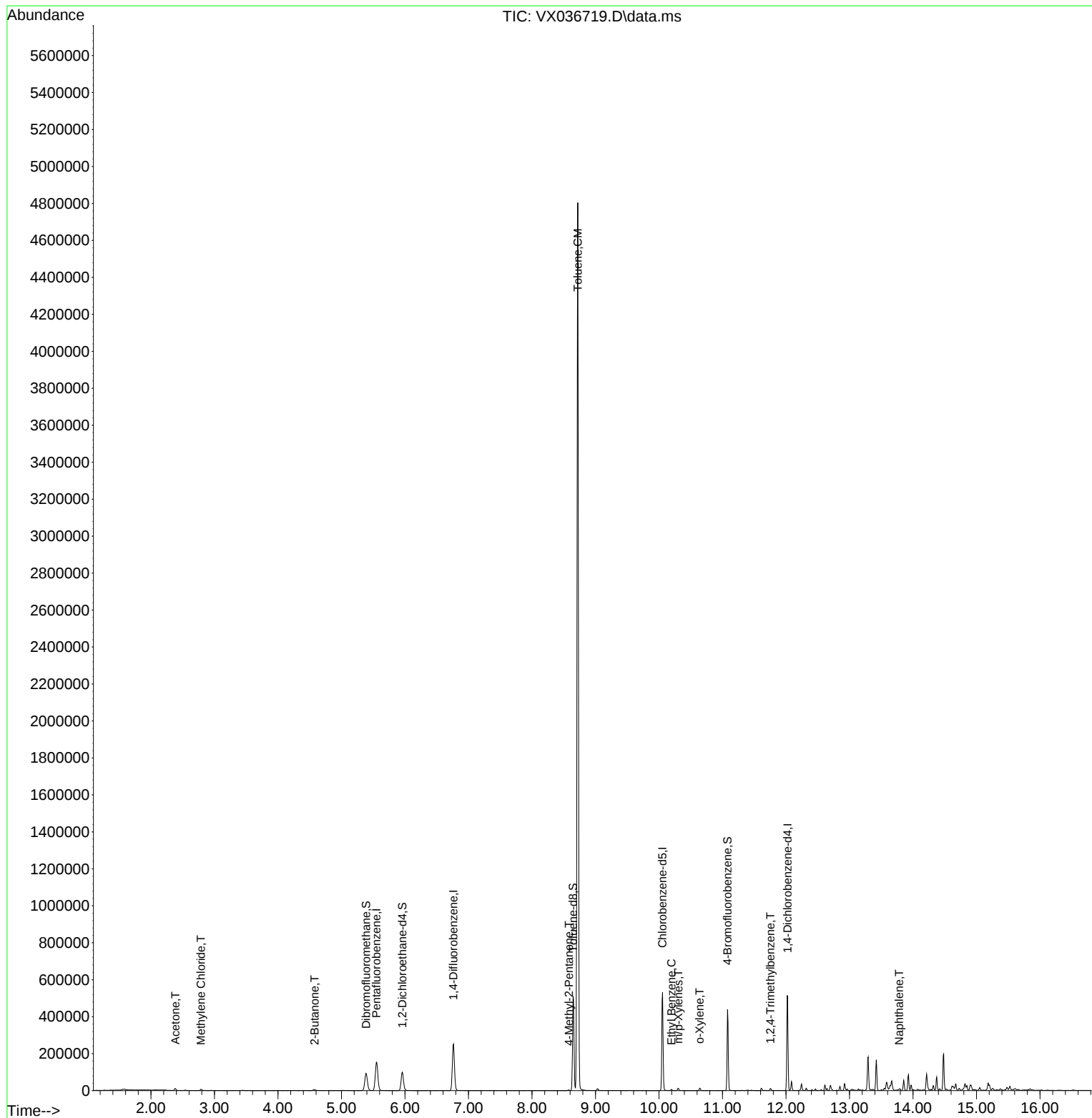
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
Data File : VX036719.D
Acq On : 31 Jul 2023 14:47
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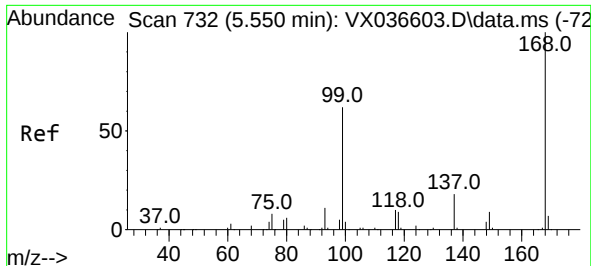
Instrument :
MSVOA_X
ClientSampleId :
1712

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 08/01/2023

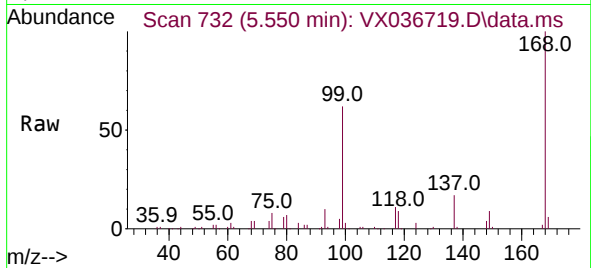
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

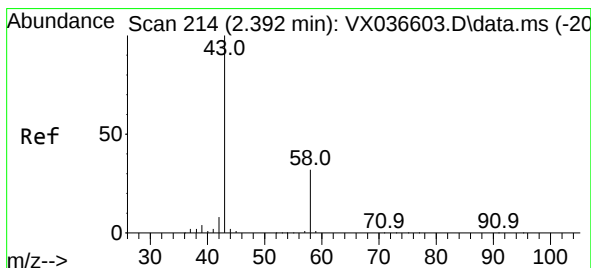
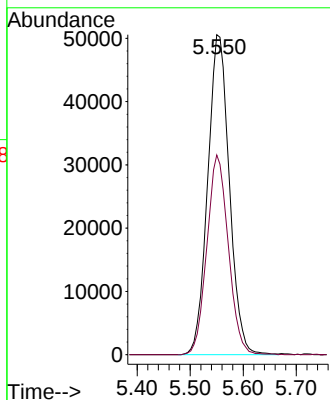
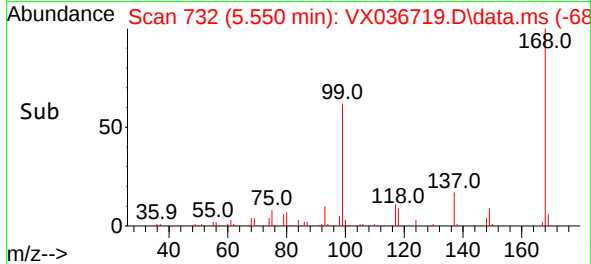
Instrument :
MSVOA_X
ClientSampleId :
1712



Tgt Ion:168 Resp: 143198
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0

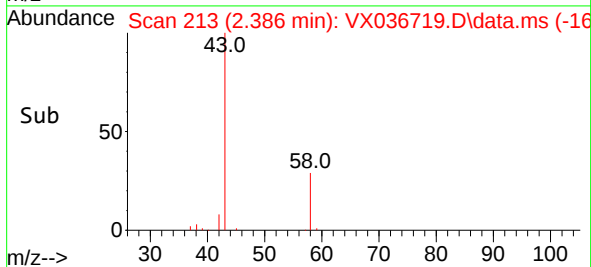
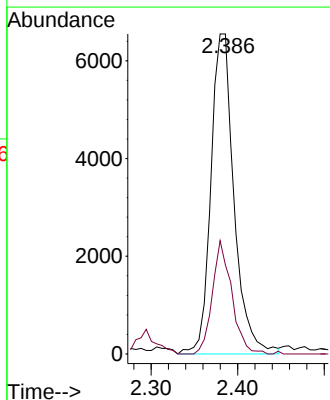
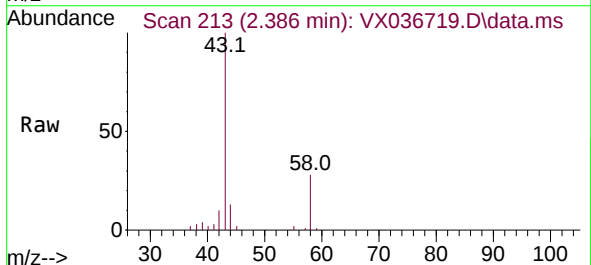
Manual Integrations
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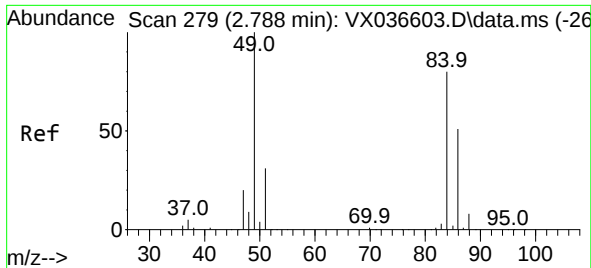
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 13.840 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

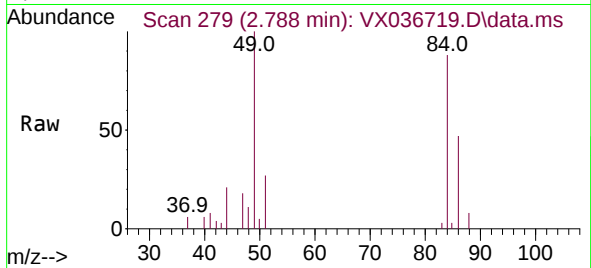
Tgt Ion: 43 Resp: 12169
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9





#20
Methylene Chloride
Concen: 1.898 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

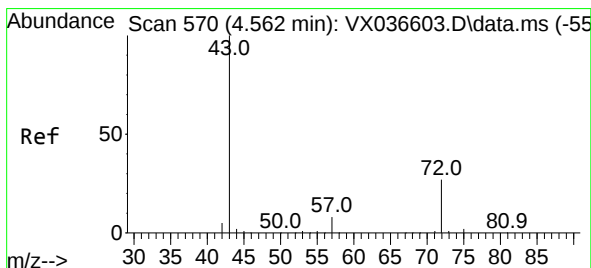
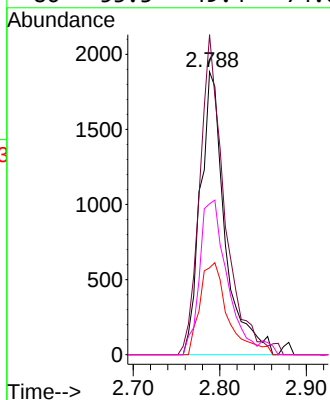
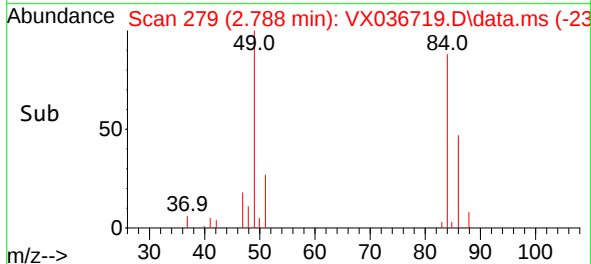
Instrument :
MSVOA_X
ClientSampleId :
1712



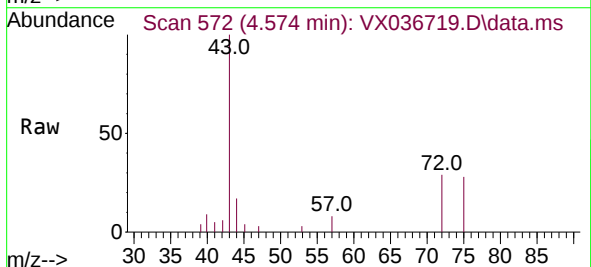
Tgt Ion:	84	Resp:	371
Ion	Ratio	Lower	Upper
84	100		
49	113.1	103.6	155.4
51	30.7	33.8	50.6
86	53.3	49.4	74.0

Manual Integrations
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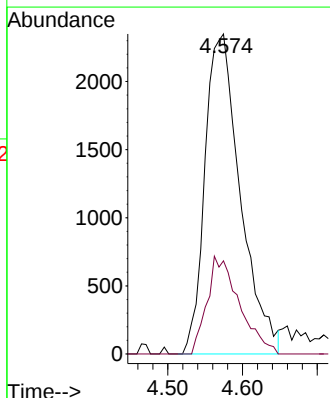
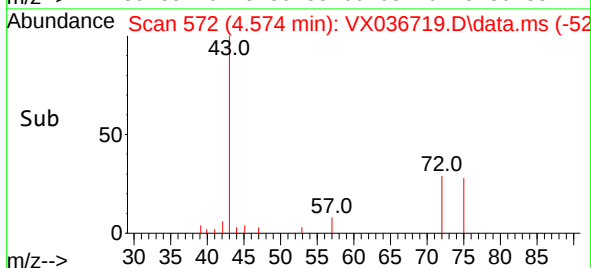
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

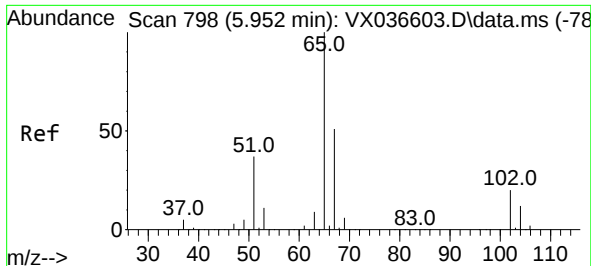


#25
2-Butanone
Concen: 5.428 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47



Tgt Ion:	43	Resp:	7743
Ion	Ratio	Lower	Upper
43	100		
72	29.1	19.4	29.2





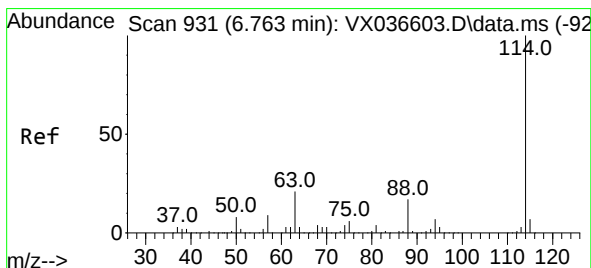
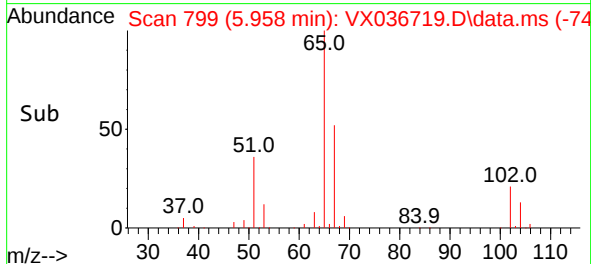
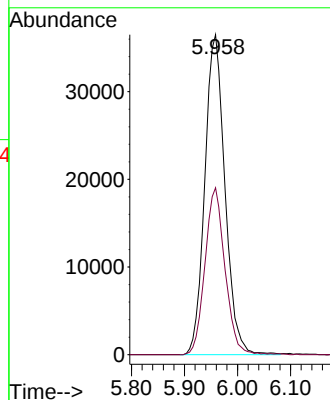
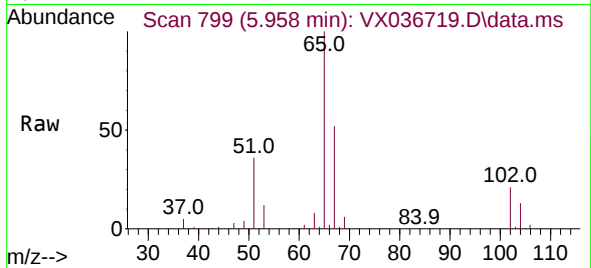
#33
1,2-Dichloroethane-d4
Concen: 45.479 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

Instrument :
MSVOA_X
Client Sample Id :
1712

Tgt Ion: 65 Resp: 9636
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

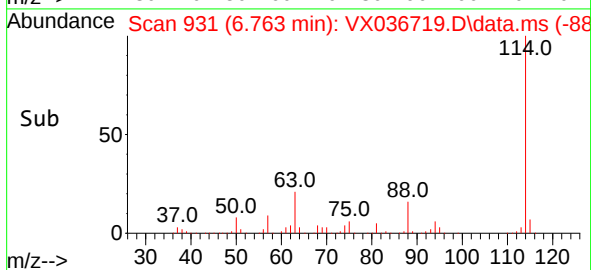
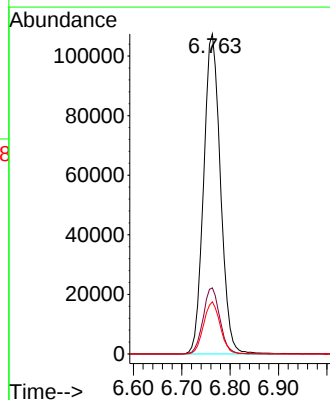
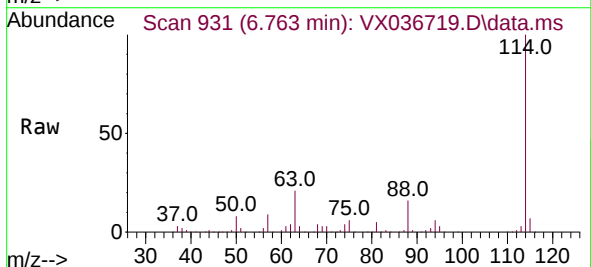
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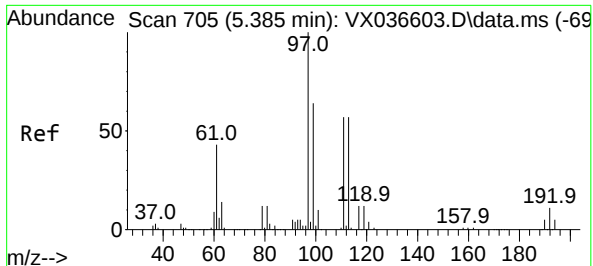
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

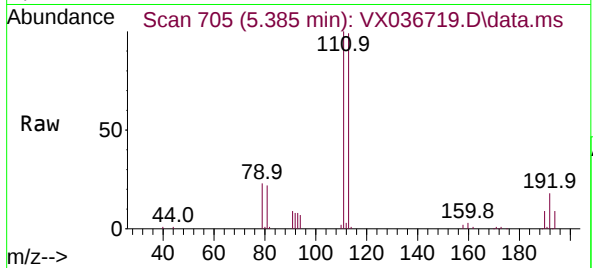
Tgt Ion:114 Resp: 259540
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.883 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

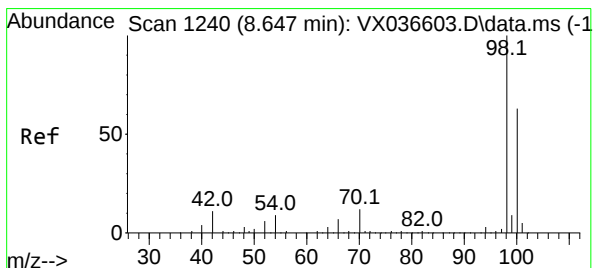
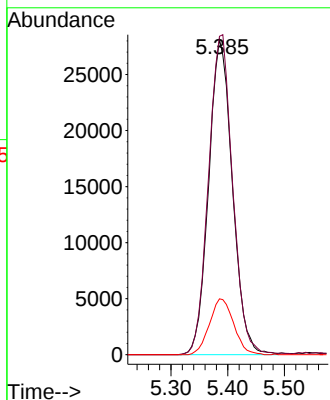
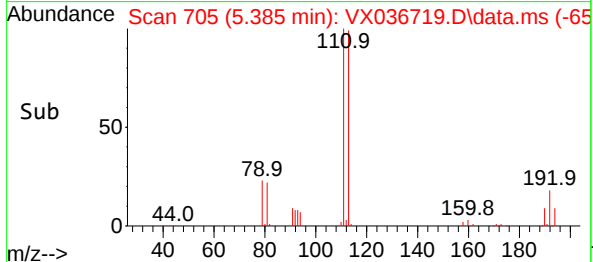
Instrument :
MSVOA_X
ClientSampleId :
1712



Tgt Ion:113 Resp: 81852
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.1 13.3 19.9

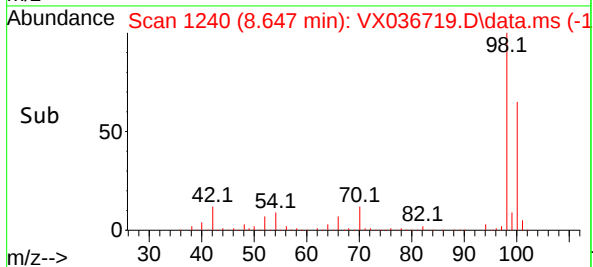
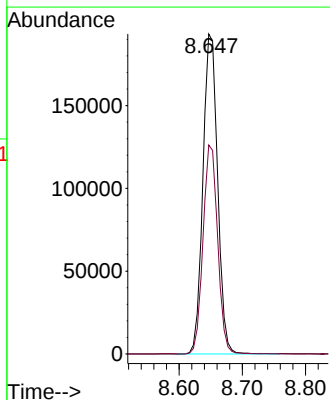
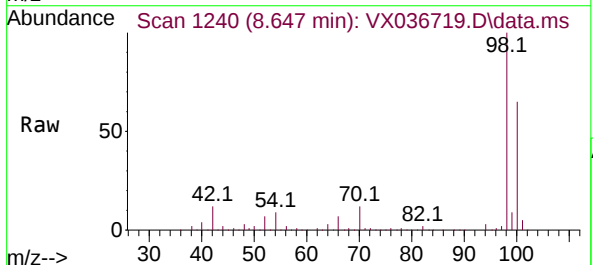
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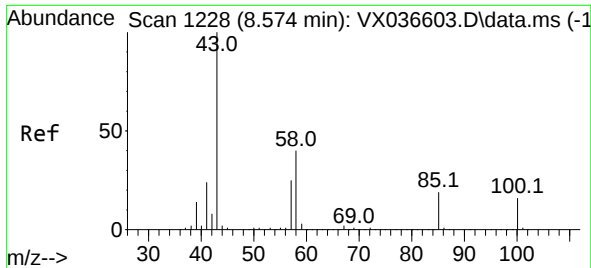
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#50
Toluene-d8
Concen: 49.471 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

Tgt Ion: 98 Resp: 312964
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





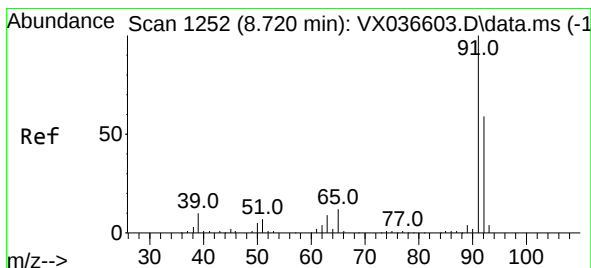
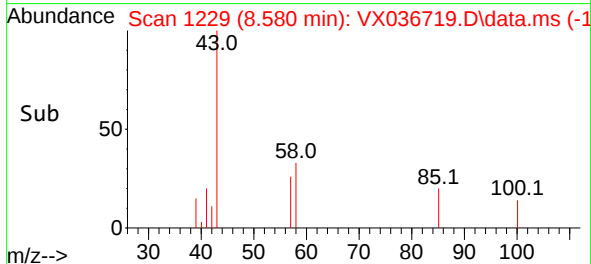
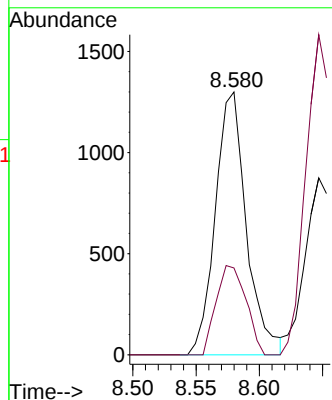
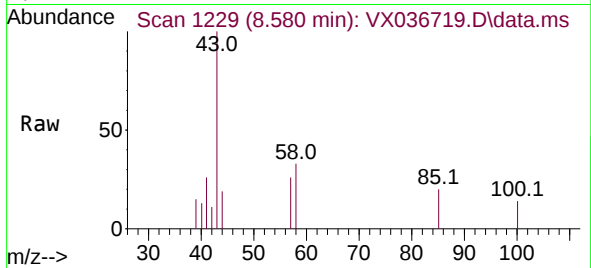
#51
4-Methyl-2-Pentanone
Concen: 0.774 ug/l
RT: 8.580 min Scan# 11712
Delta R.T. 0.006 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

Instrument :
MSVOA_X
ClientSampleId :
1712

Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
58 32.5 30.4 45.6

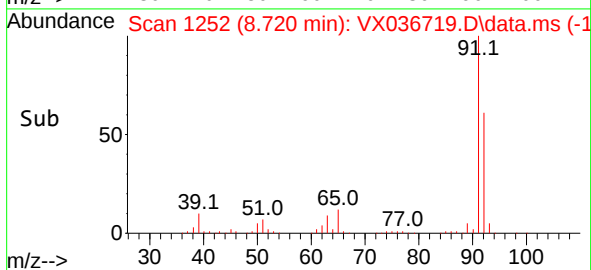
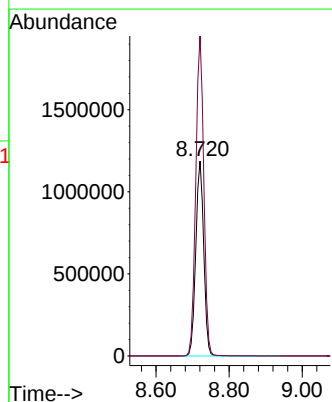
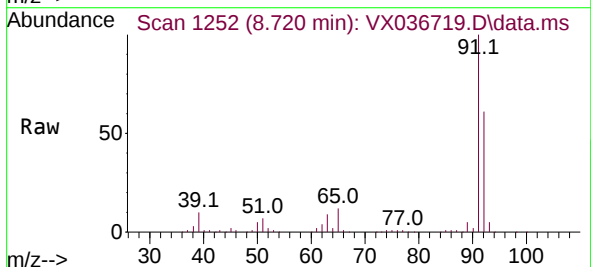
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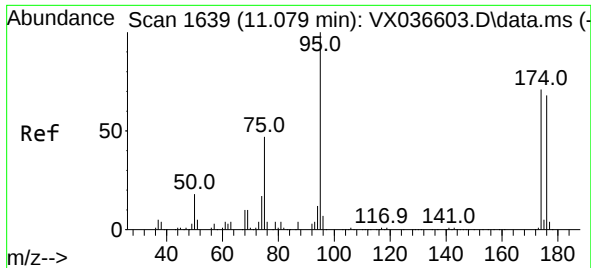
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Toluene
Concen: 371.395 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

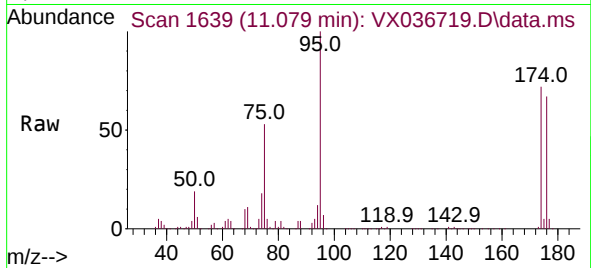
Tgt Ion: 92 Resp: 1800268
Ion Ratio Lower Upper
92 100
91 165.8 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 48.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

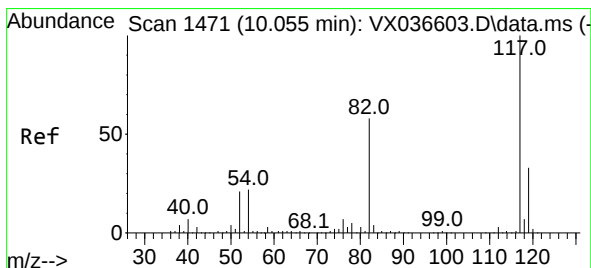
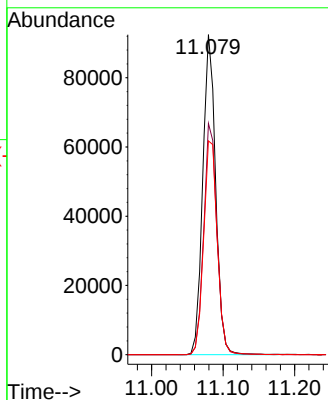
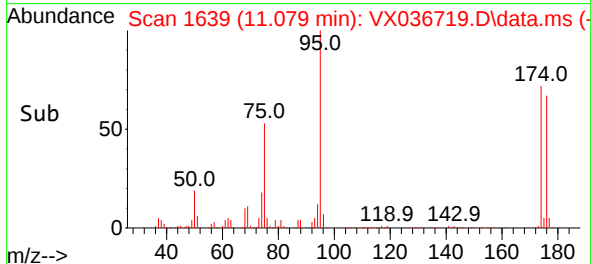
Instrument :
MSVOA_X
ClientSampleId :
1712



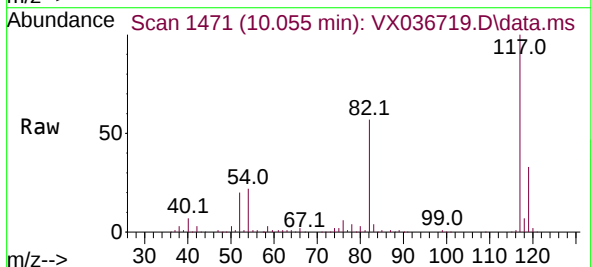
Tgt Ion: 95 Resp: 115730
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.0 0.0 131.0

Manual Integrations
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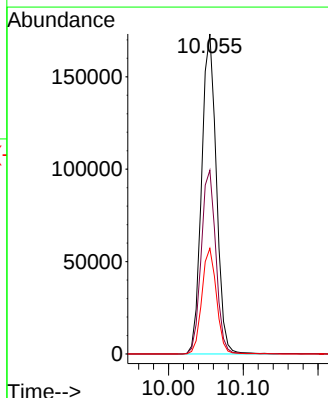
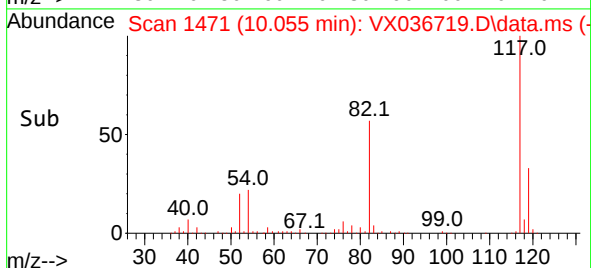
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

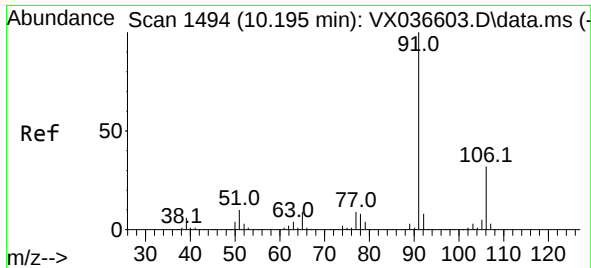


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47



Tgt Ion:117 Resp: 237388
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 33.0 25.5 38.3





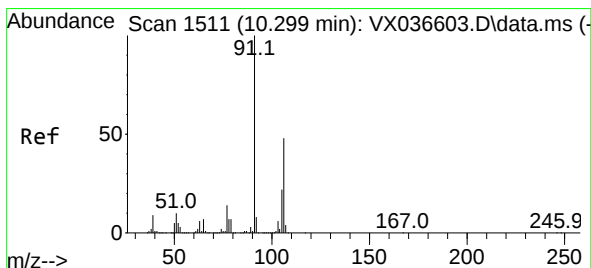
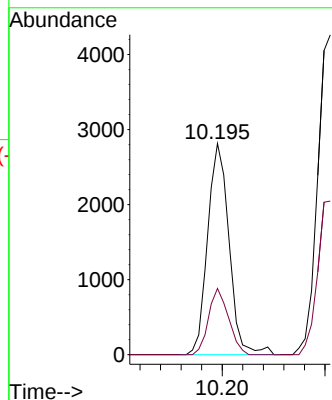
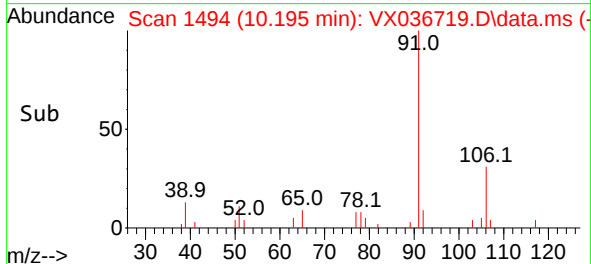
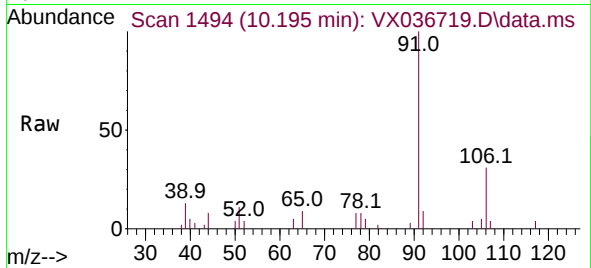
#67
Ethyl Benzene
Concen: 0.426 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

Instrument :
MSVOA_X
ClientSampleId :
1712

Tgt Ion: 91 Resp: 4070
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

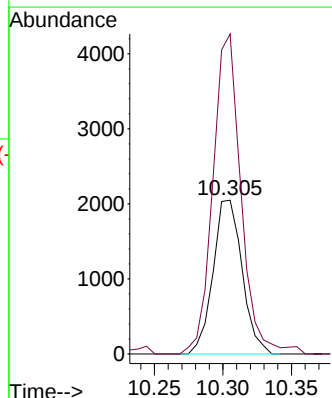
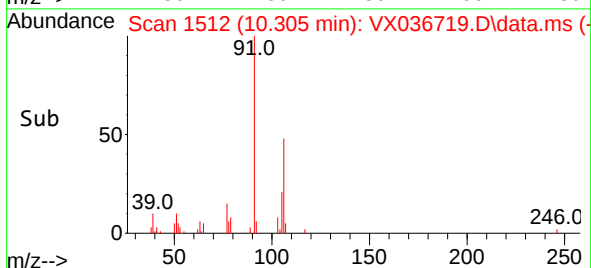
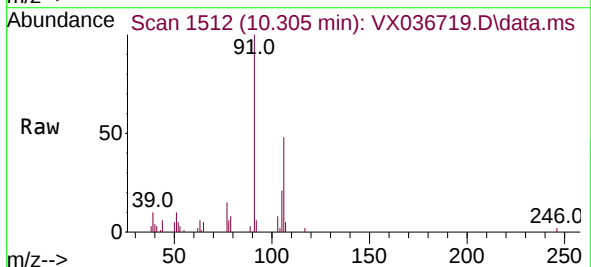
Manual Integrations
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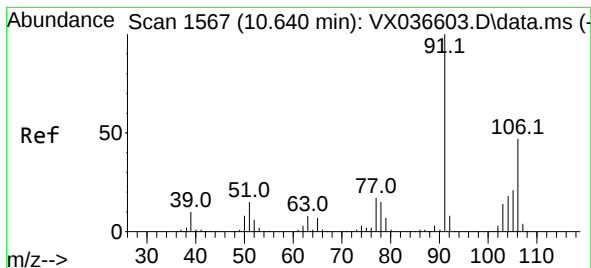
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#68
m/p-Xylenes
Concen: 0.847 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036719.D
Acq: 31 Jul 2023 14:47

Tgt Ion:106 Resp: 3020
Ion Ratio Lower Upper
106 100
91 201.5 165.5 248.3





#69

o-Xylene

Concen: 0.842 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036719.D

Acq: 31 Jul 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

1712

Tgt Ion:106 Resp: 299

Ion Ratio Lower Upper

106 100

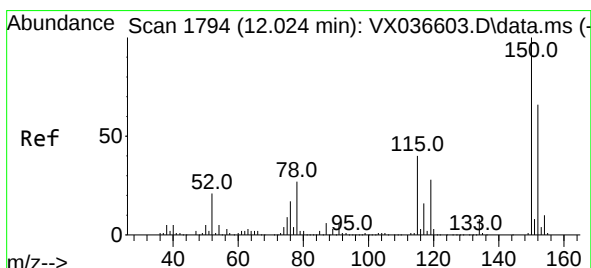
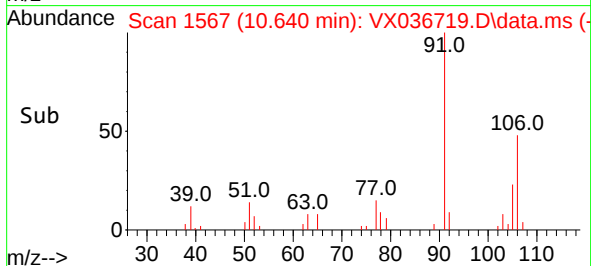
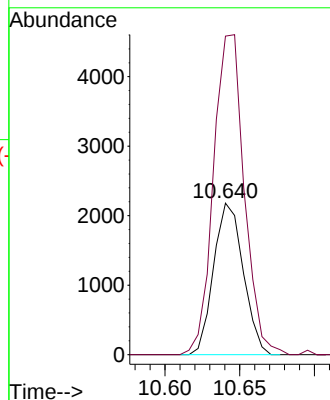
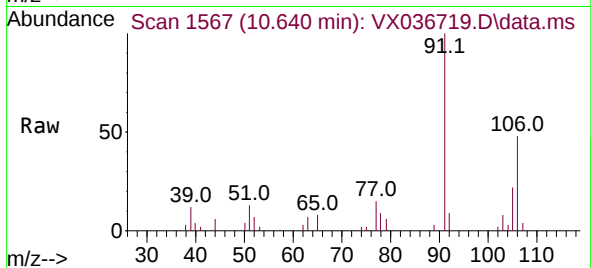
91 219.9 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036719.D

Acq: 31 Jul 2023 14:47

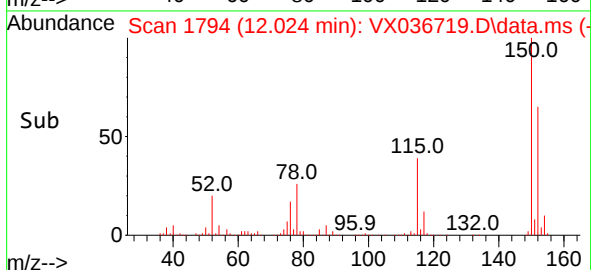
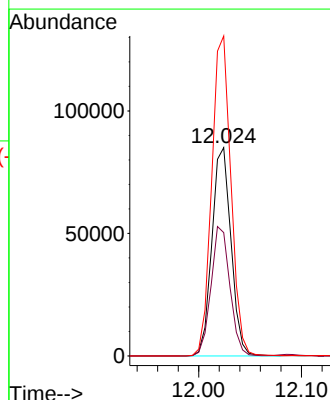
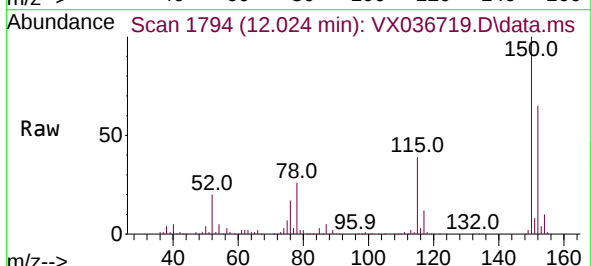
Tgt Ion:152 Resp: 109672

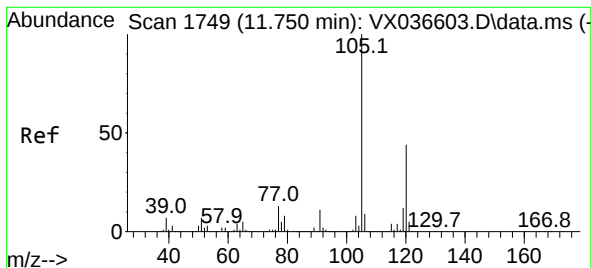
Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 154.4 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.627 ug/l m

RT: 11.756 min Scan# 1712

Delta R.T. 0.006 min

Lab File: VX036719.D

Acq: 31 Jul 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

1712

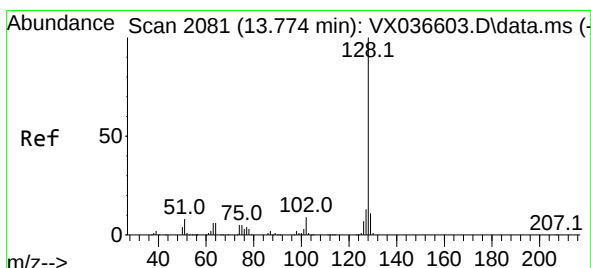
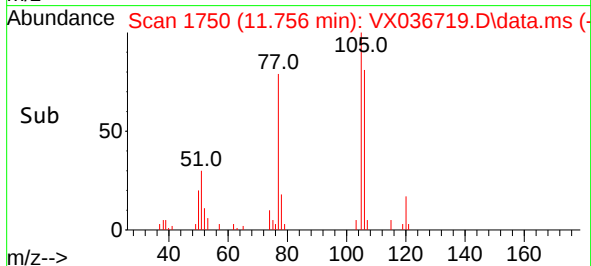
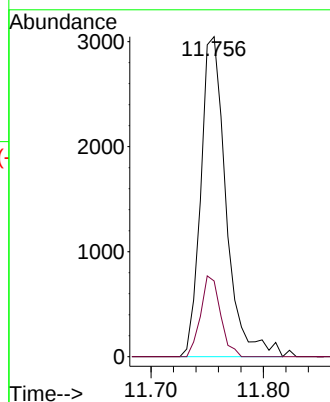
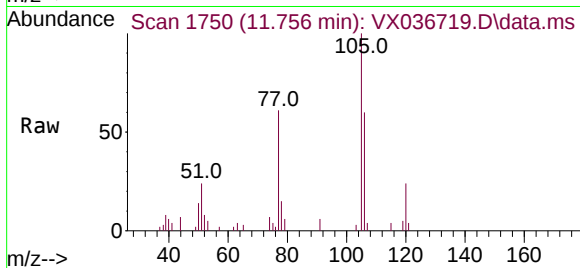
Tgt Ion:105 Resp: 4759
 Ion Ratio Lower Upper
 105 100
 120 39.7 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#95

Naphthalene

Concen: 0.409 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX036719.D

Acq: 31 Jul 2023 14:47

Tgt Ion:128 Resp: 3243
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.3 15.5
 129 25.7 8.8 13.2#

