

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036742.D
 Acq On : 01 Aug 2023 12:37
 Operator : JC/MD
 Sample : 03808-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1709DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

Quant Time: Aug 02 06:23:55 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

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	133848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91108	46.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.000%		
35) Dibromofluoromethane	5.391	113	78753	47.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	8.646	98	291821	49.478	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	107122	48.141	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.280%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	3272	3.981	ug/l	98
20) Methylene Chloride	2.794	84	1144	0.626	ug/l	84
25) 2-Butanone	4.574	43	5234	3.925	ug/l	99
52) Toluene	8.720	92	375733	83.142	ug/l	98
67) Ethyl Benzene	10.195	91	3027	0.339	ug/l	94
68) m/p-Xylenes	10.299	106	4873	1.461	ug/l	99
69) o-Xylene	10.640	106	3604	1.082	ug/l	96
78) n-propylbenzene	11.304	91	3718	0.388	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	6850	0.988	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	31299	4.515	ug/l	96
85) sec-Butylbenzene	11.890	105	2115	0.249	ug/l	93
86) p-Isopropyltoluene	12.006	119	1645m	0.235	ug/l	
95) Naphthalene	13.774	128	16530	2.283	ug/l	100

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

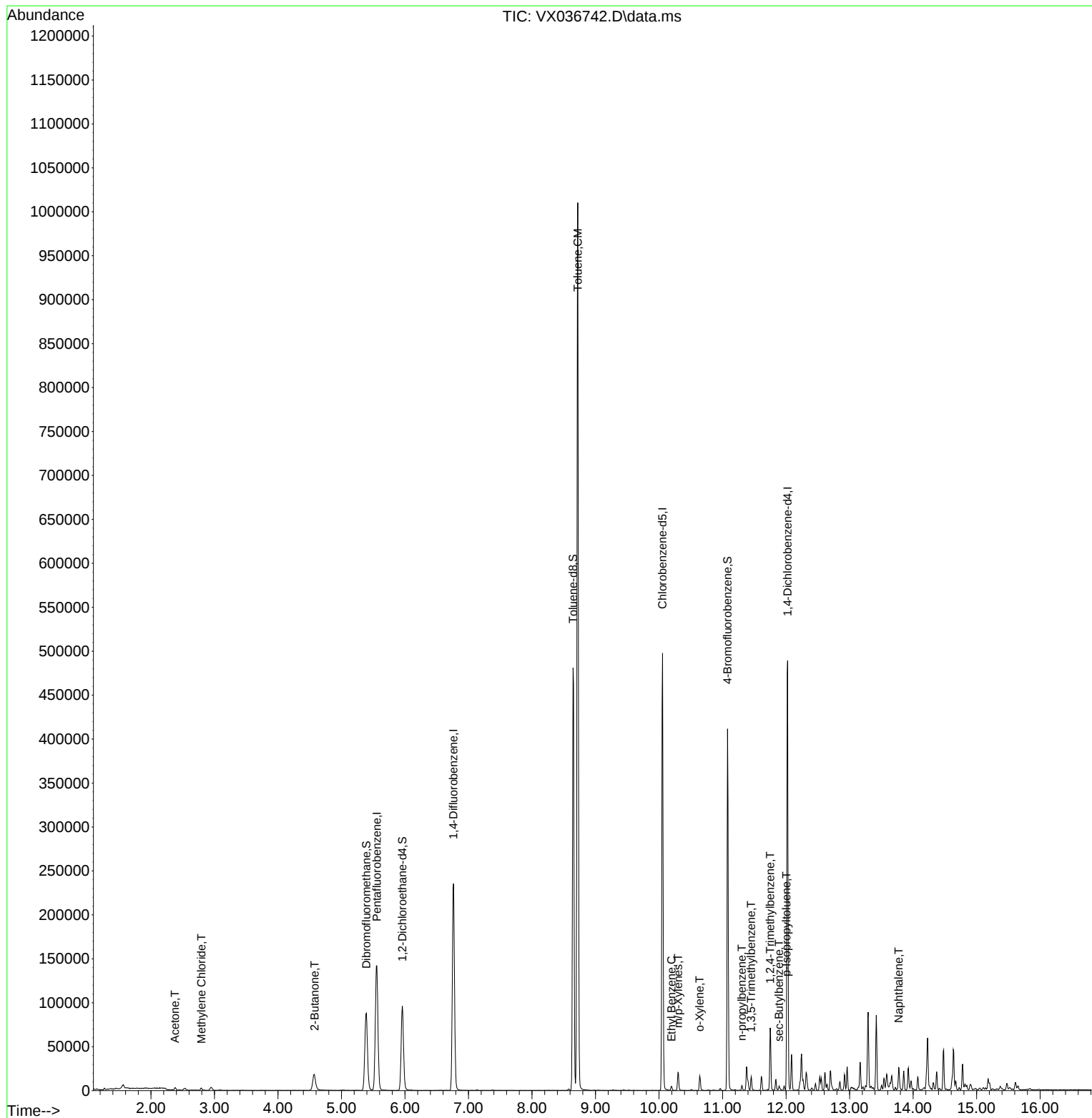
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
Data File : VX036742.D
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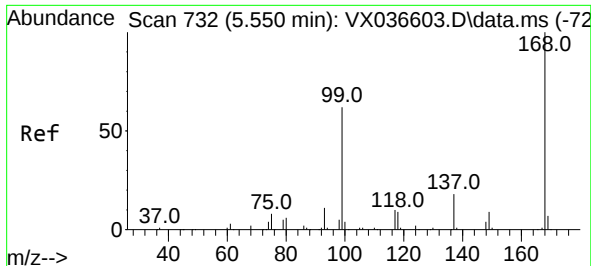
Instrument :
MSVOA_X
ClientSampleId :
1709DL

Quant Time: Aug 02 06:23:55 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

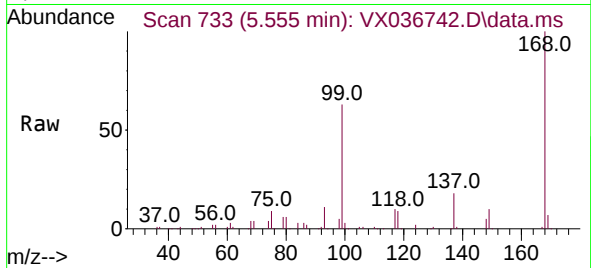
Reviewed By : John Carlone 08/02/2023
Supervised By : Mahesh Dadoda 08/02/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

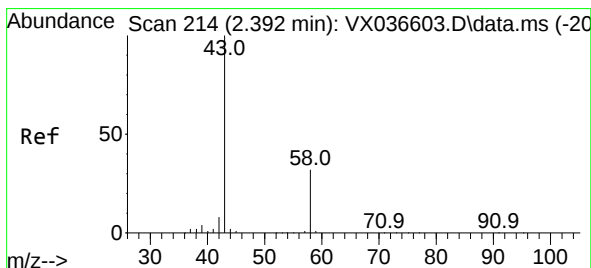
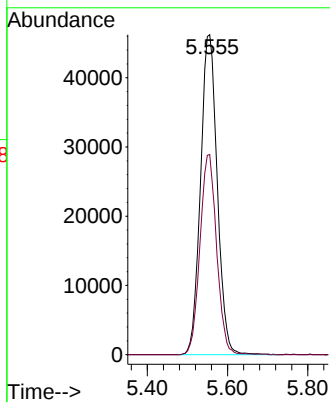
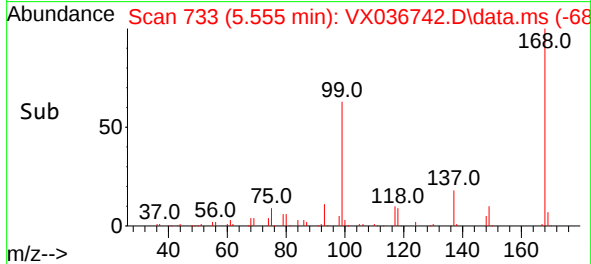
Instrument :
MSVOA_X
ClientSampleId :
1709DL



Tgt Ion:168 Resp: 13384
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0

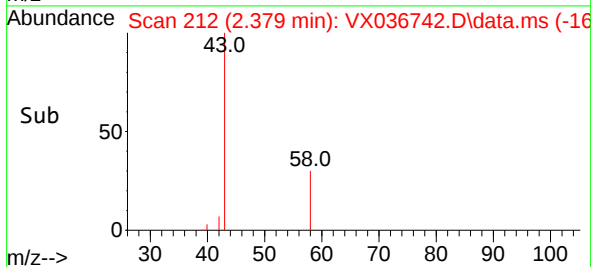
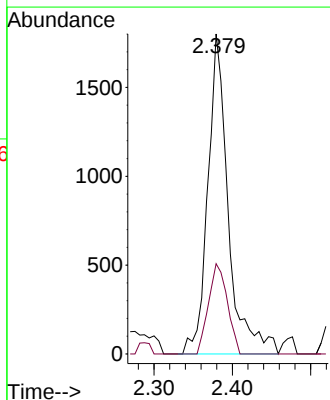
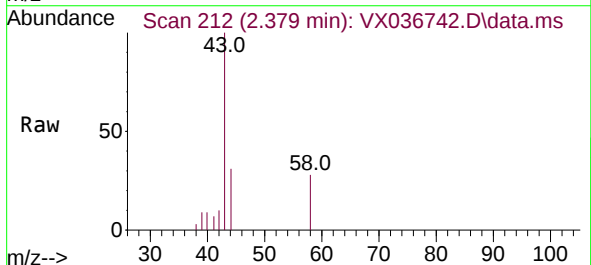
Manual Integrations
APPROVED

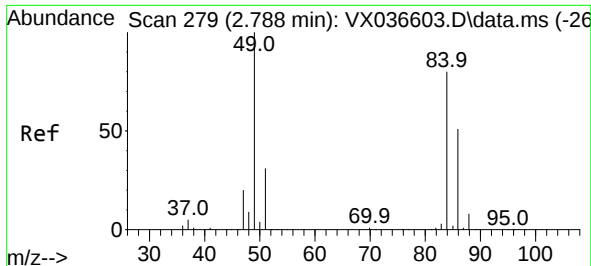
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#16
Acetone
Concen: 3.981 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.626 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036742.D

Acq: 01 Aug 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

1709DL

Tgt Ion: 84 Resp: 1144

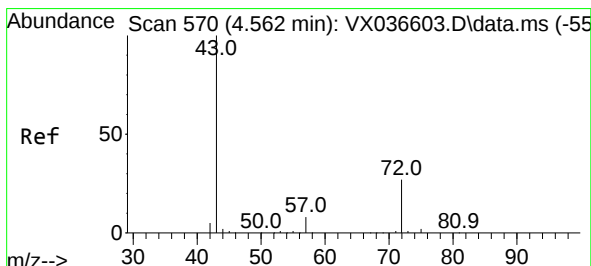
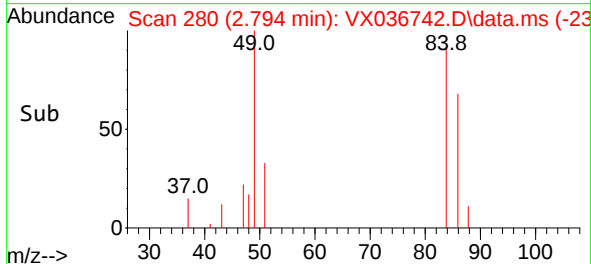
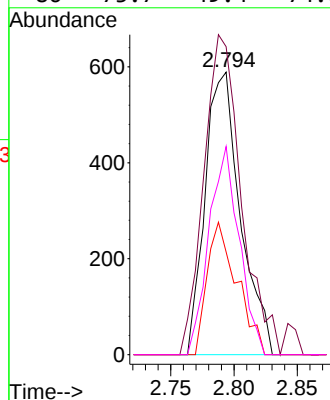
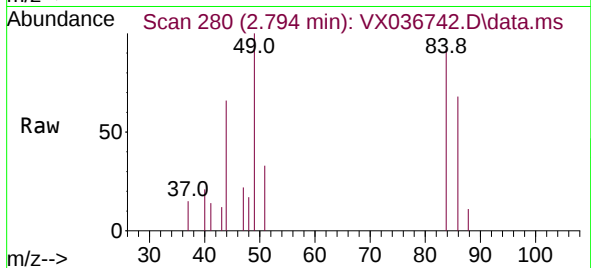
Ion	Ratio	Lower	Upper
84	100		
49	109.0	103.6	155.4
51	36.3	33.8	50.6
86	73.7	49.4	74.0

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#25

2-Butanone

Concen: 3.925 ug/l

RT: 4.574 min Scan# 572

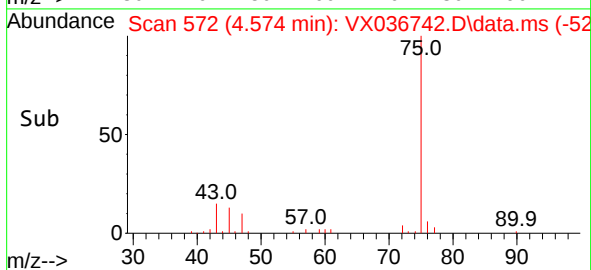
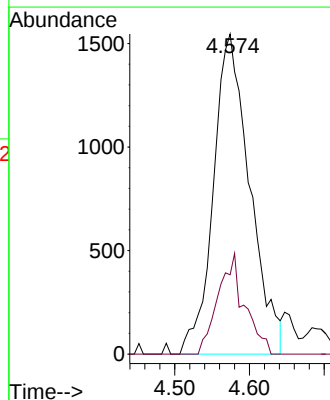
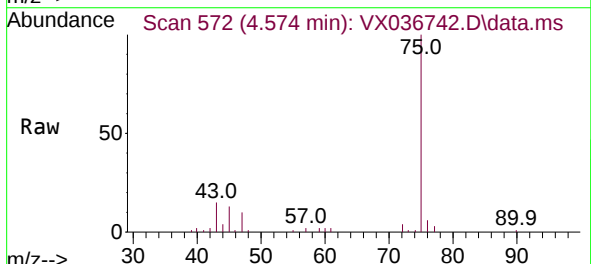
Delta R.T. 0.012 min

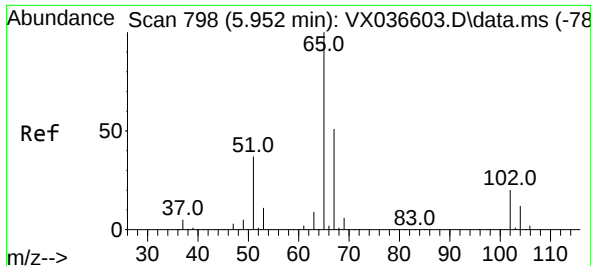
Lab File: VX036742.D

Acq: 01 Aug 2023 12:37

Tgt Ion: 43 Resp: 5234

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 46.003 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036742.D

Acq: 01 Aug 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

1709DL

Tgt Ion: 65 Resp: 91108

Ion Ratio Lower Upper

65 100

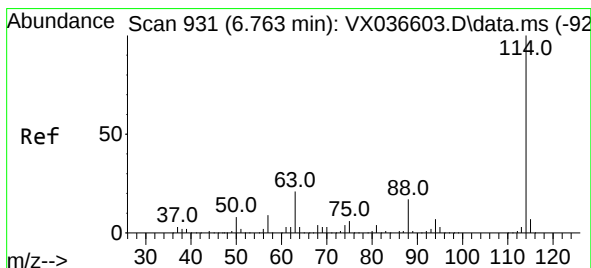
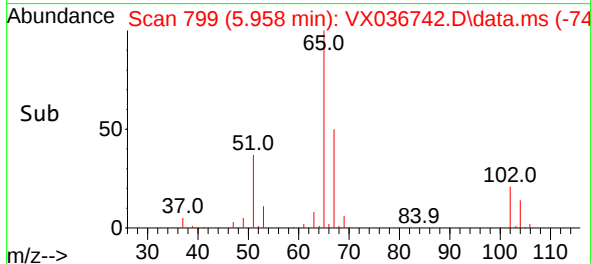
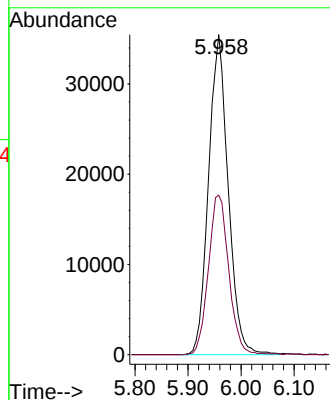
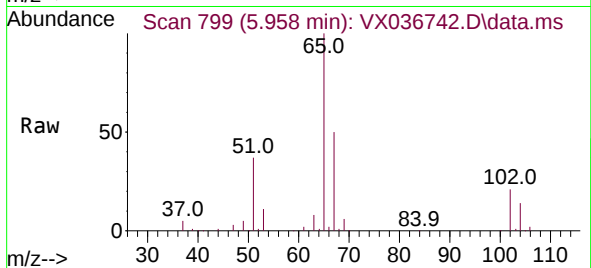
67 51.9 0.0 100.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036742.D

Acq: 01 Aug 2023 12:37

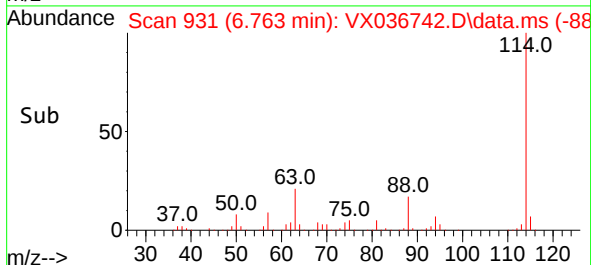
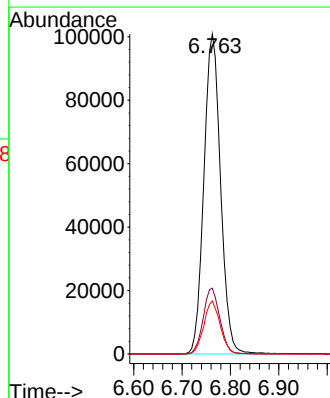
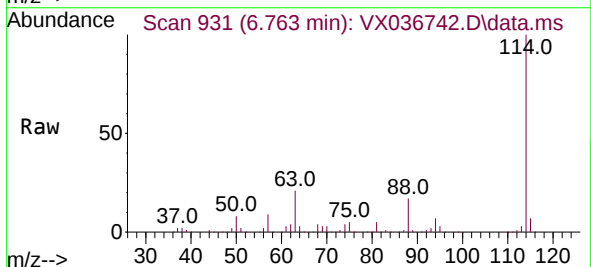
Tgt Ion:114 Resp: 241969

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

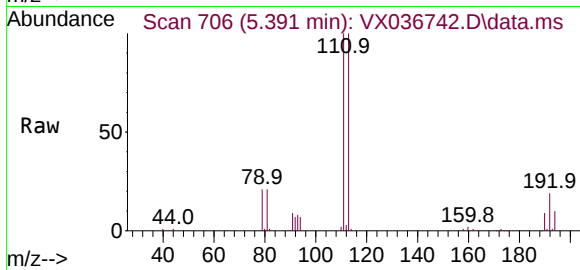
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.351 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

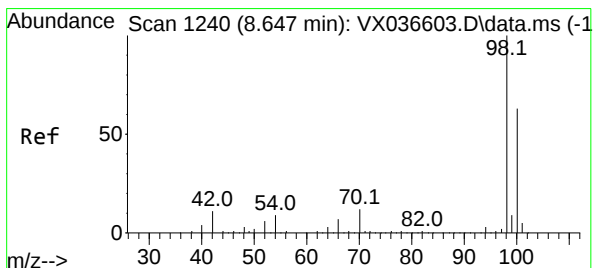
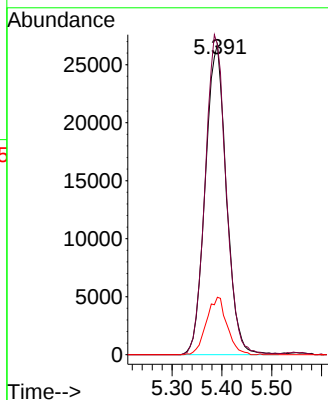
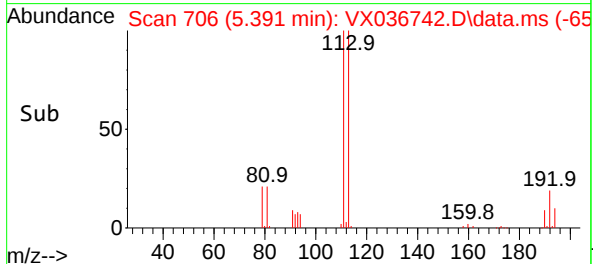
Instrument :
MSVOA_X
ClientSampleId :
1709DL



Tgt Ion:113 Resp: 7875
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.0 13.3 19.9

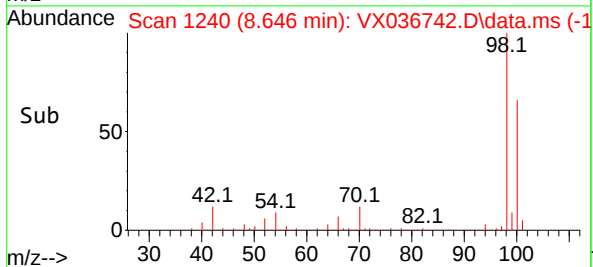
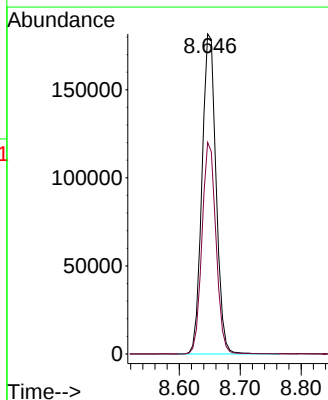
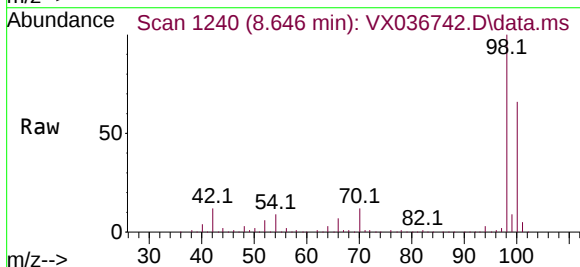
Manual Integrations
APPROVED

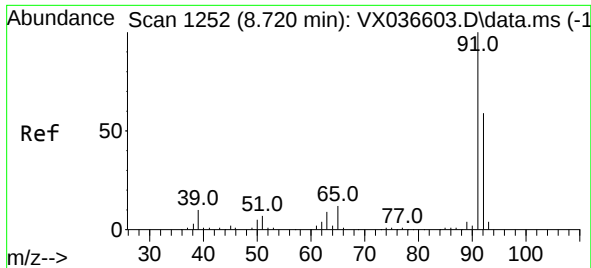
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#50
Toluene-d8
Concen: 49.478 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

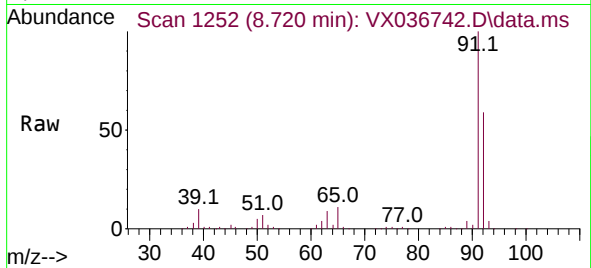
Tgt Ion: 98 Resp: 291821
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#52
Toluene
Concen: 83.142 ug/l
RT: 8.720 min Scan# 11709DL
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

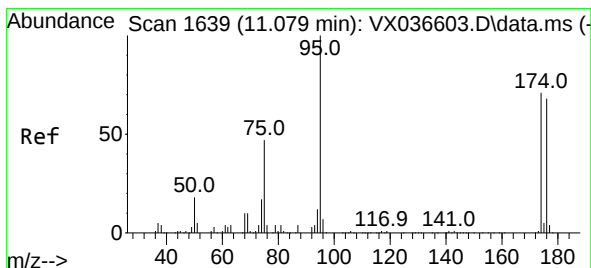
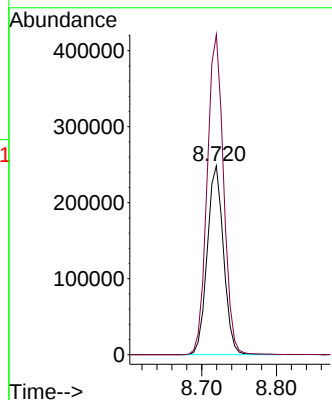
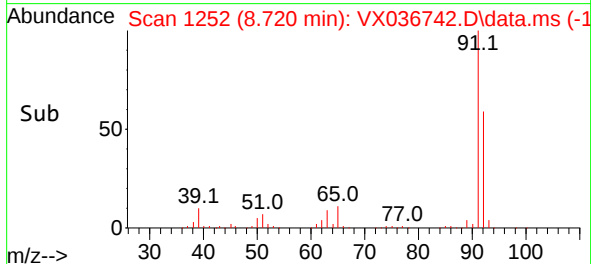
Instrument :
MSVOA_X
ClientSampleId :
1709DL



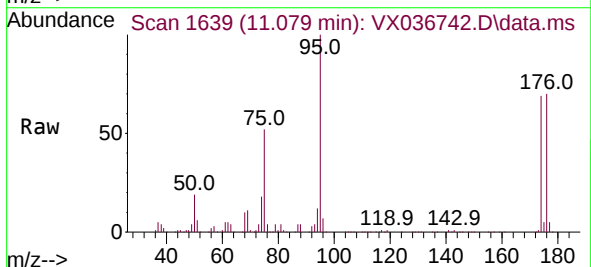
Tgt Ion: 92 Resp: 375733
Ion Ratio Lower Upper
92 100
91 171.0 134.2 201.2

Manual Integrations
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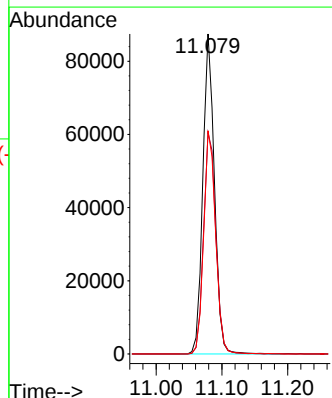
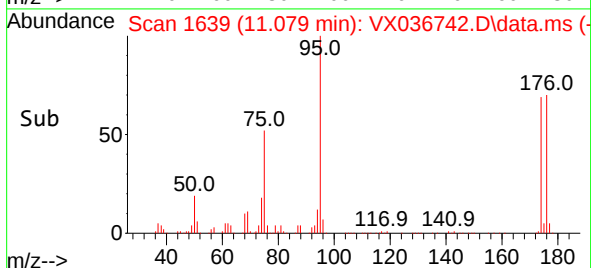
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

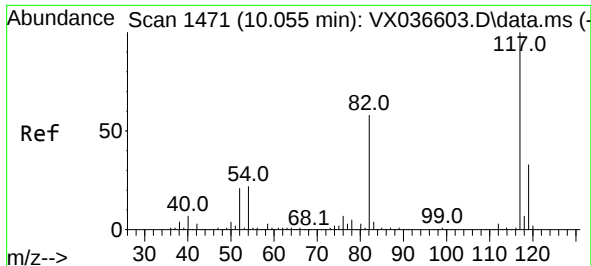


#62
4-Bromofluorobenzene
Concen: 48.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37



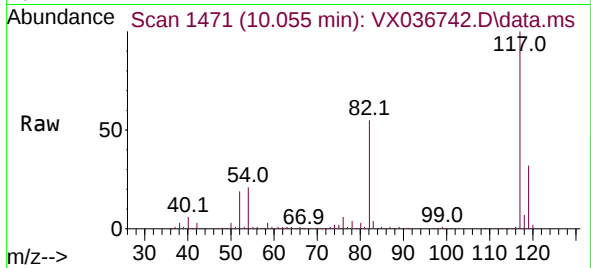
Tgt Ion: 95 Resp: 107122
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

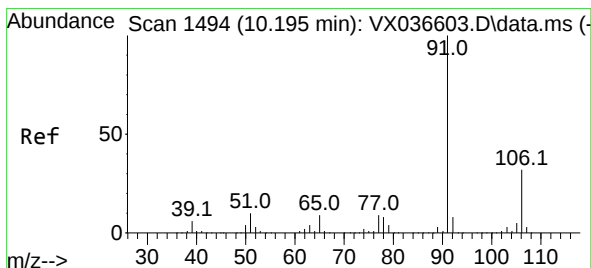
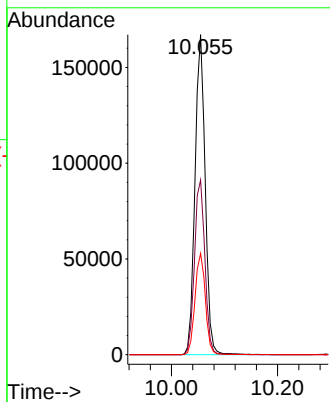
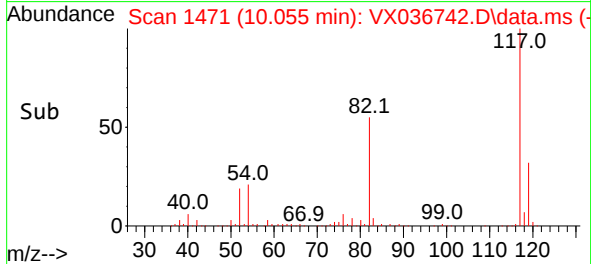
Instrument :
MSVOA_X
ClientSampleId :
1709DL



Tgt Ion:117 Resp: 222059
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.6 25.5 38.3

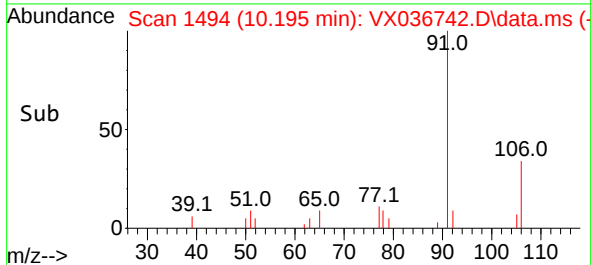
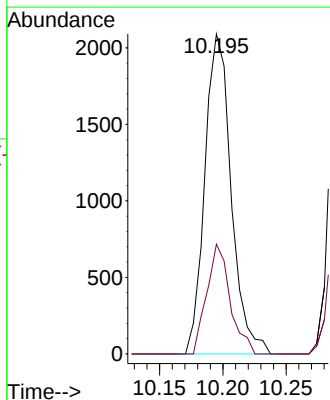
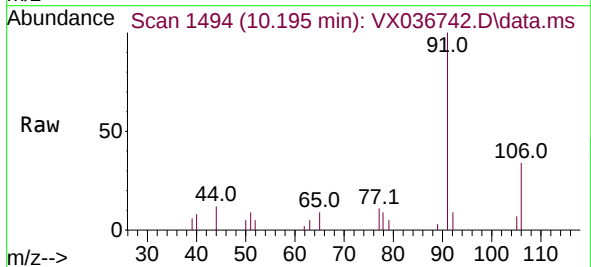
Manual Integrations
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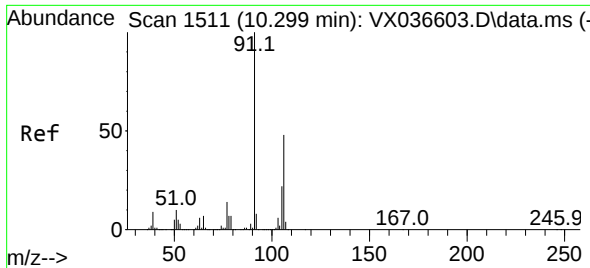
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#67
Ethyl Benzene
Concen: 0.339 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

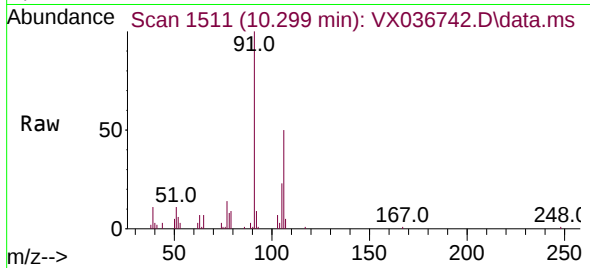
Tgt Ion: 91 Resp: 3027
Ion Ratio Lower Upper
91 100
106 34.3 24.9 37.3





#68
m/p-Xylenes
Concen: 1.461 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

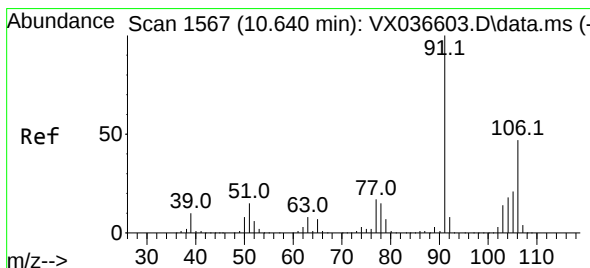
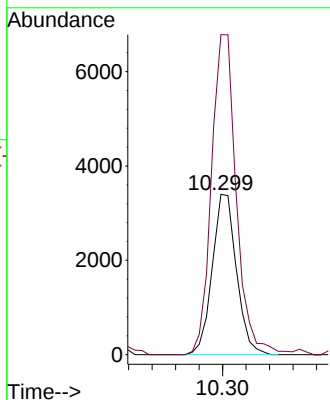
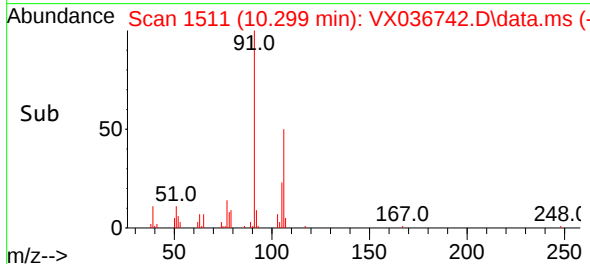
Instrument :
MSVOA_X
ClientSampleId :
1709DL



Tgt Ion:106 Resp: 487
Ion Ratio Lower Upper
106 100
91 205.3 165.5 248.3

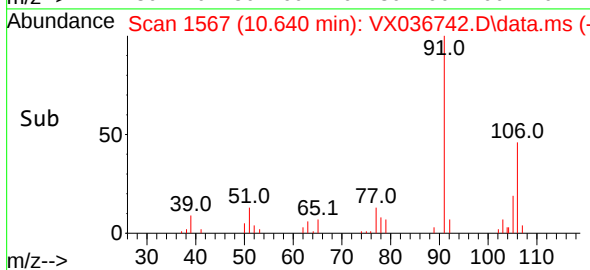
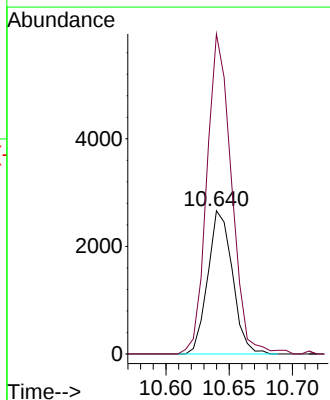
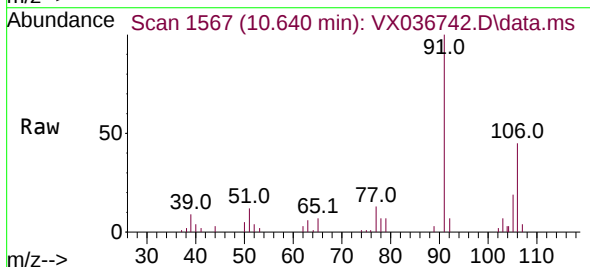
Manual Integrations
APPROVED

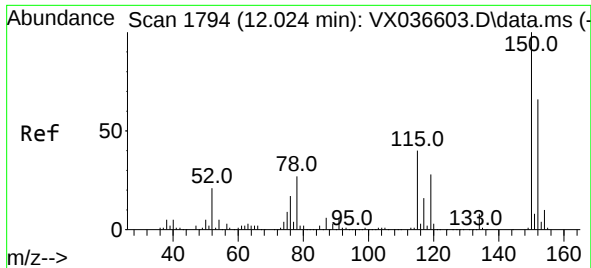
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#69
o-Xylene
Concen: 1.082 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

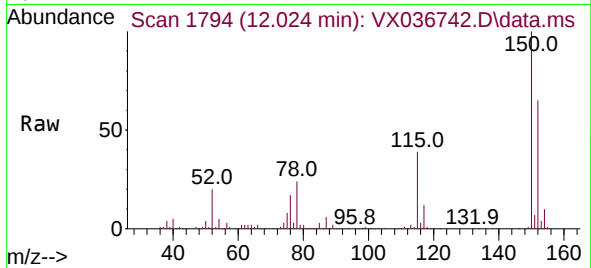
Tgt Ion:106 Resp: 3604
Ion Ratio Lower Upper
106 100
91 223.8 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

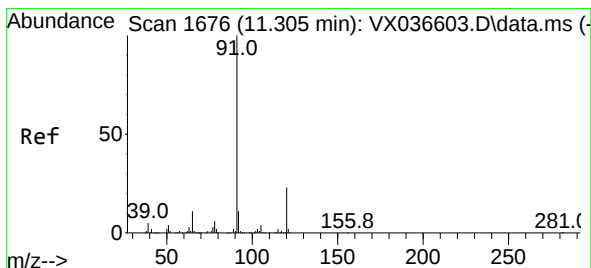
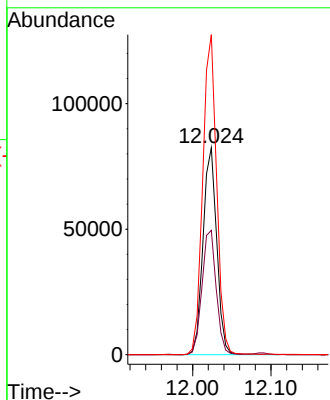
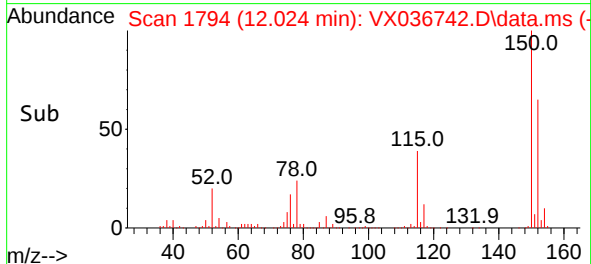
Instrument :
MSVOA_X
ClientSampleId :
1709DL



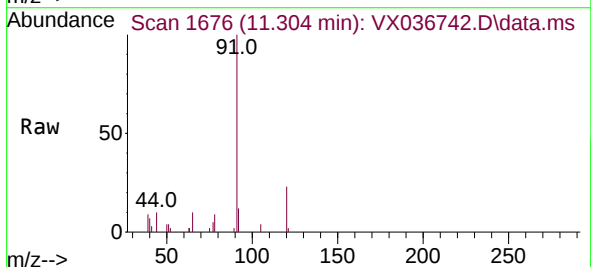
Tgt Ion:152 Resp: 100109
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.5 0.0 345.0

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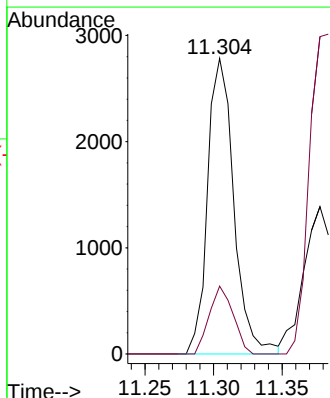
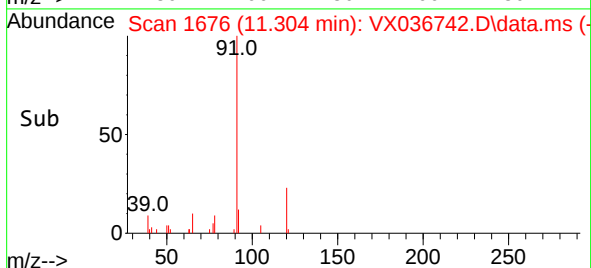
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

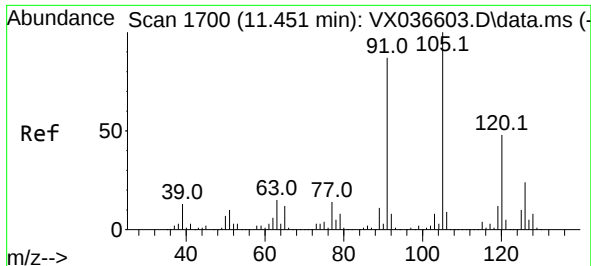


#78
n-propylbenzene
Concen: 0.388 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37



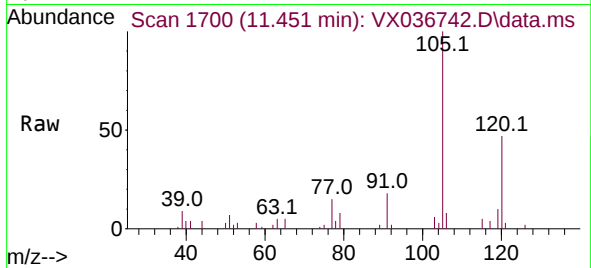
Tgt Ion: 91 Resp: 3718
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 0.988 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

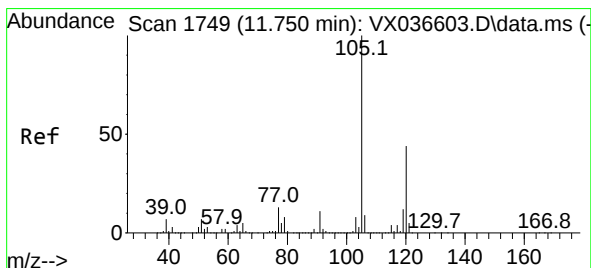
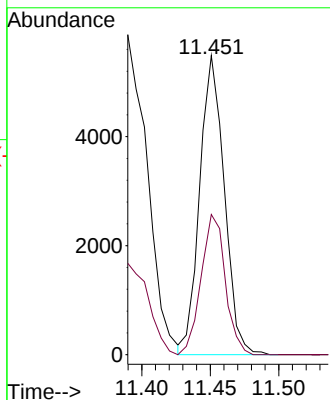
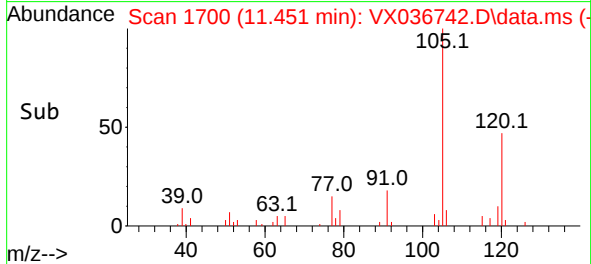
Instrument :
MSVOA_X
ClientSampleId :
1709DL



Tgt Ion:105 Resp: 6850
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3

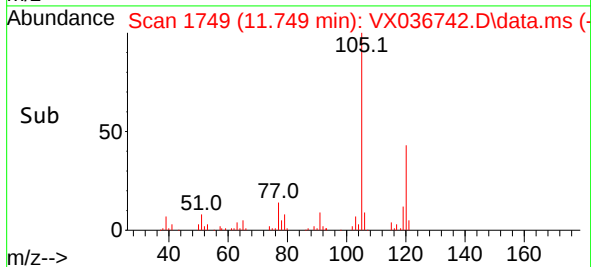
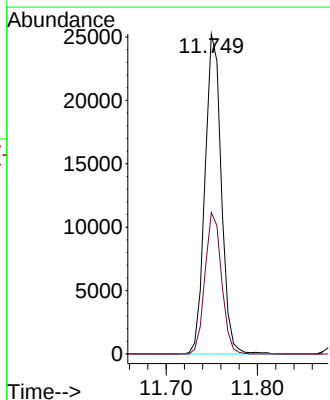
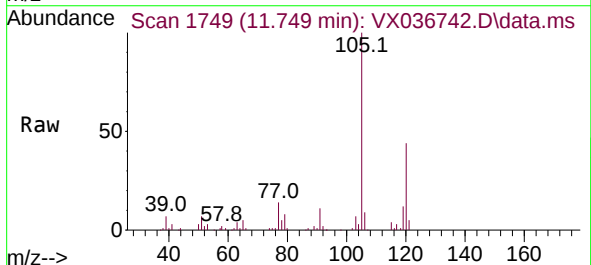
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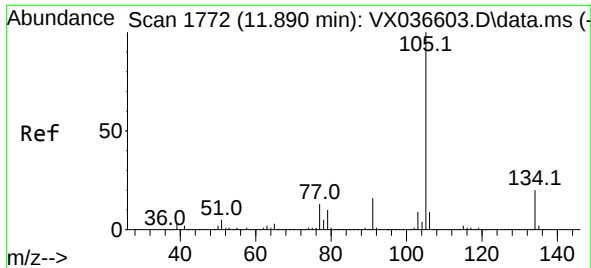
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.515 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

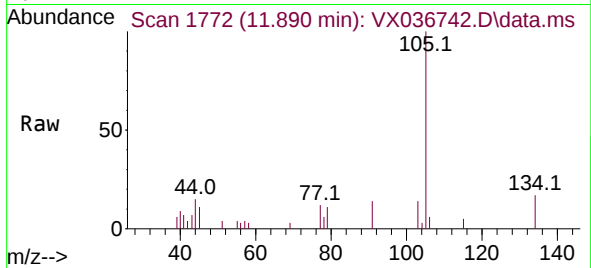
Tgt Ion:105 Resp: 31299
Ion Ratio Lower Upper
105 100
120 44.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.249 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036742.D
 Acq: 01 Aug 2023 12:37

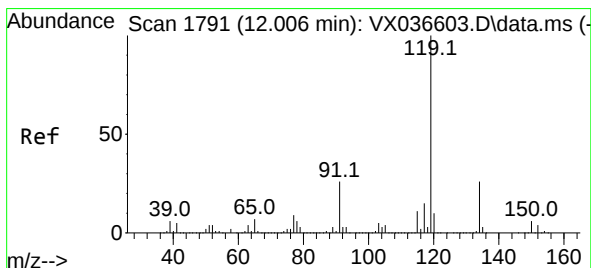
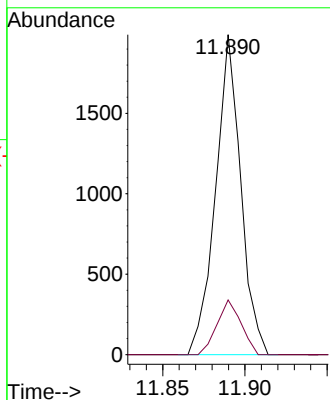
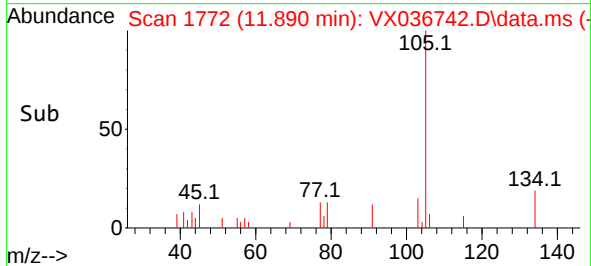
Instrument :
 MSVOA_X
 ClientSampleId :
 1709DL



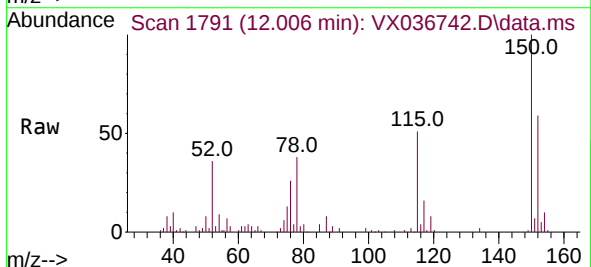
Tgt Ion:105 Resp: 211
 Ion Ratio Lower Upper
 105 100
 134 16.3 9.8 29.4

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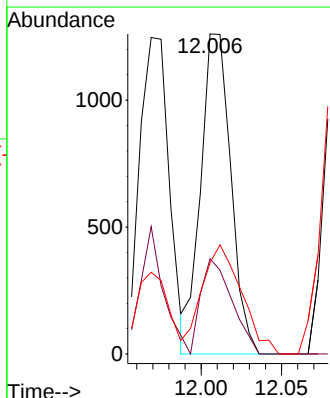
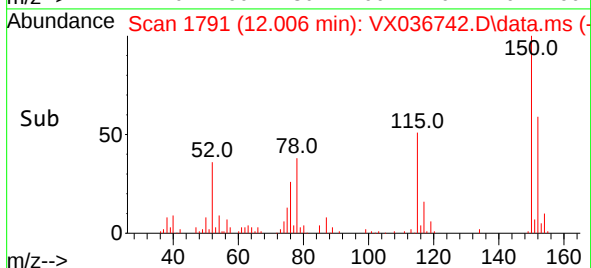
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

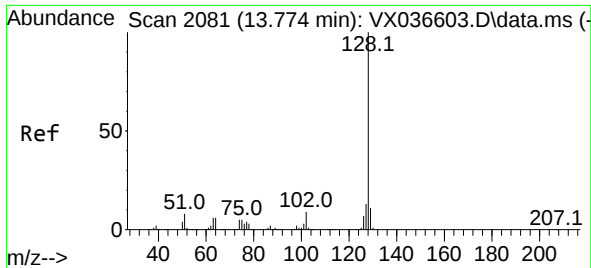


#86
 p-Isopropyltoluene
 Concen: 0.235 ug/l m
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036742.D
 Acq: 01 Aug 2023 12:37



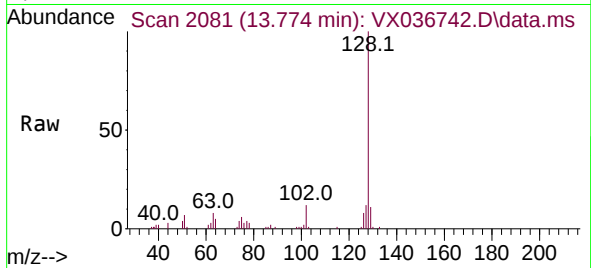
Tgt Ion:119 Resp: 1645
 Ion Ratio Lower Upper
 119 100
 134 30.6 12.8 38.3
 91 26.7 13.1 39.3





#95
Naphthalene
Concen: 2.283 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036742.D
Acq: 01 Aug 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
1709DL



Tgt Ion:128 Resp: 16530
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

