

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036723.D
 Acq On : 31 Jul 2023 16:23
 Operator : JC/MD
 Sample : 03808-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1709

Quant Time: Aug 01 04:38:58 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	137220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90523	44.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.160%		
35) Dibromofluoromethane	5.385	113	78573	46.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.580%		
50) Toluene-d8	8.647	98	299817	49.813	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	113838	50.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.260%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	20611	24.463	ug/l #	84
20) Methylene Chloride	2.794	84	2203	1.176	ug/l #	90
25) 2-Butanone	4.562	43	44170	32.313	ug/l	92
44) Trichloroethene	7.129	130	680	0.353	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	5763	2.113	ug/l	100
52) Toluene	8.720	92	2328050	504.802	ug/l	98
59) 2-Hexanone	9.439	43	1576	0.779	ug/l	86
67) Ethyl Benzene	10.195	91	16706	1.787	ug/l	99
68) m/p-Xylenes	10.299	106	29246	8.387	ug/l	99
69) o-Xylene	10.640	106	25130	7.219	ug/l	99
73) Isopropylbenzene	10.964	105	4307	0.475	ug/l	100
78) n-propylbenzene	11.305	91	16448	1.570	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	41010	5.410	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	229724	30.302	ug/l	98
85) sec-Butylbenzene	11.890	105	5978m	0.644	ug/l	
86) p-Isopropyltoluene	12.006	119	4437	0.581	ug/l	84
95) Naphthalene	13.774	128	156476	19.761	ug/l	99

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

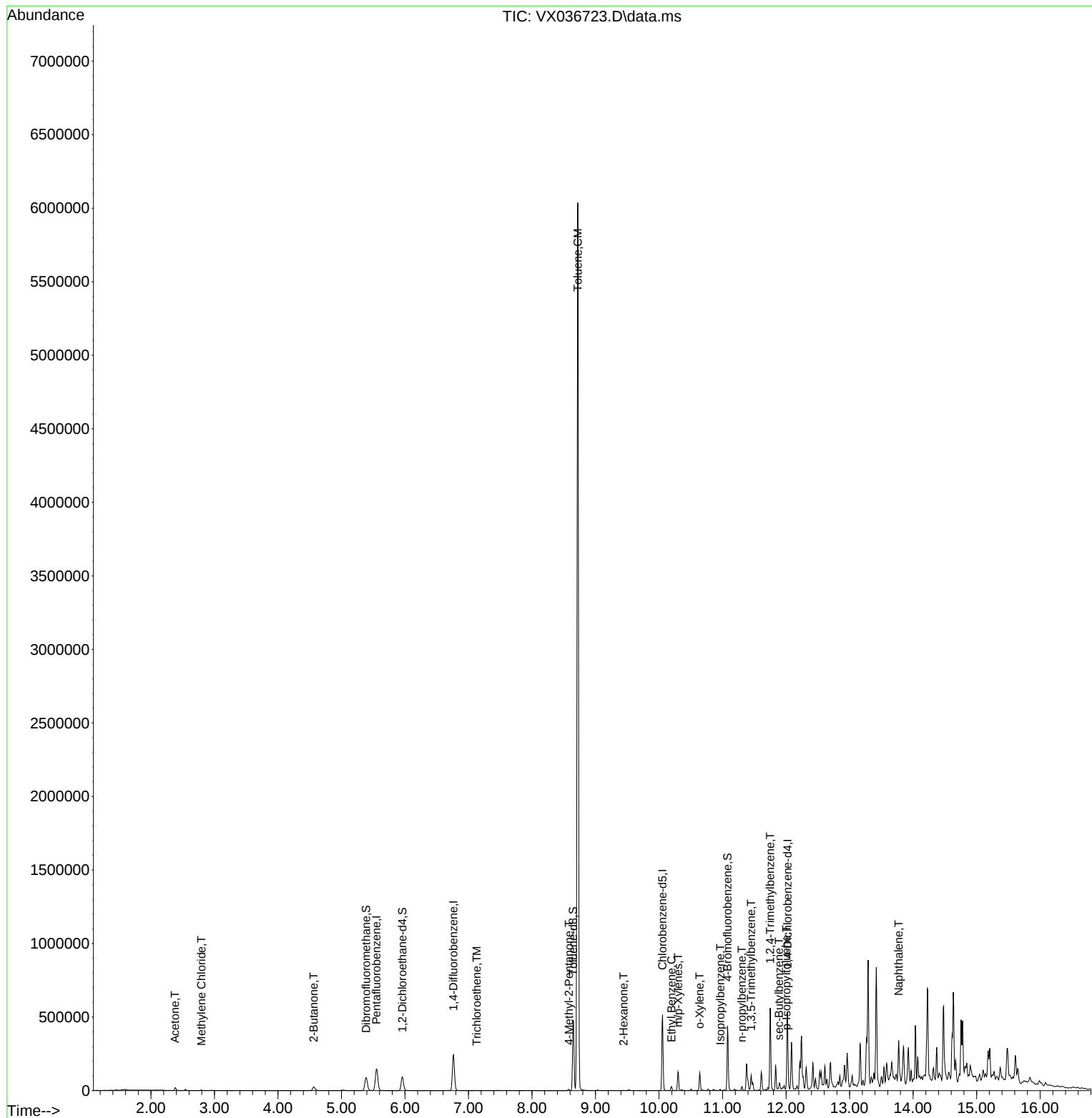
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
Data File : VX036723.D
Acq On : 31 Jul 2023 16:23
Operator : JC/MD
Sample : 03808-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1709

Manual Integrations
APPROVED

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

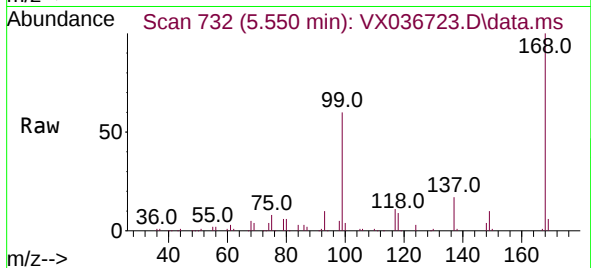
Quant Time: Aug 01 04:38:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

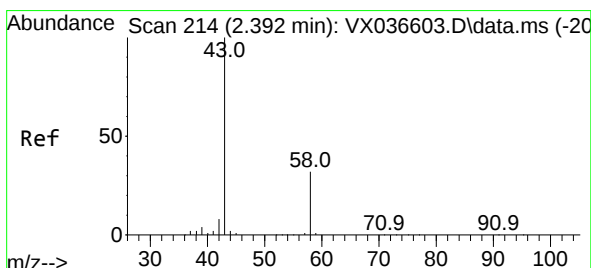
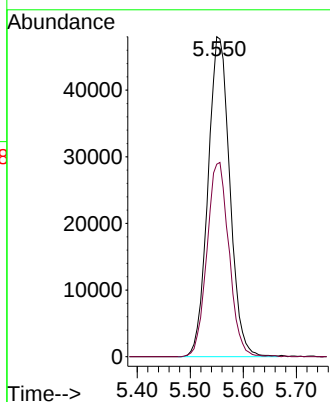
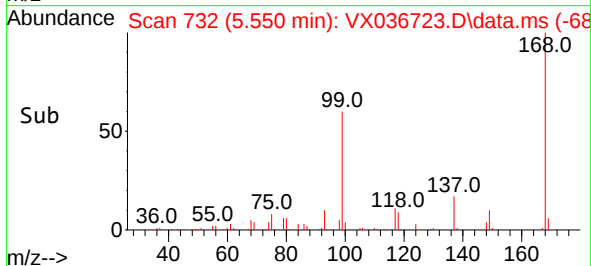
Instrument :
MSVOA_X
ClientSampleId :
1709



Tgt Ion:168 Resp: 137220
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0

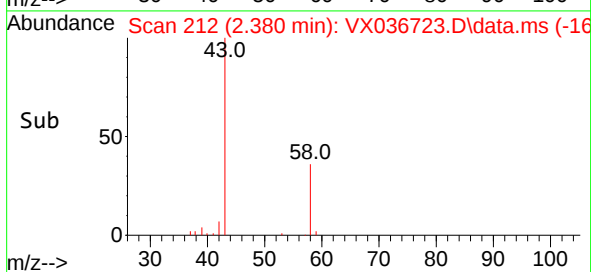
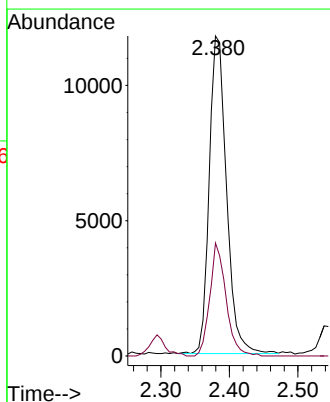
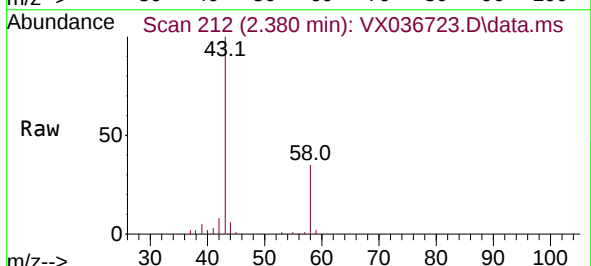
Manual Integrations
APPROVED

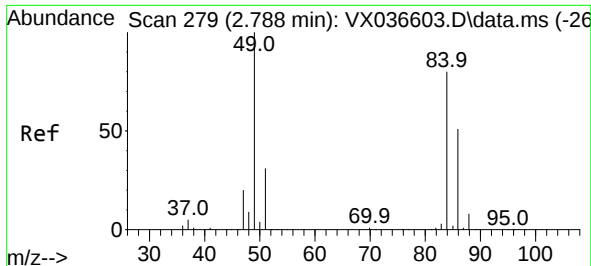
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 24.463 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

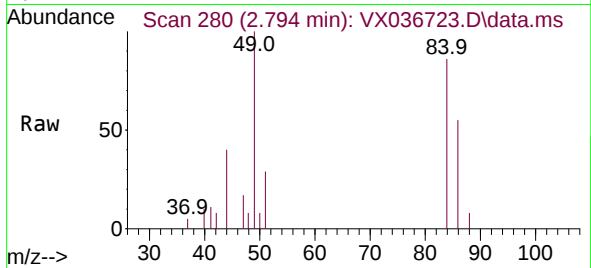
Tgt Ion: 43 Resp: 20611
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9#





#20
Methylene Chloride
Concen: 1.176 ug/l
RT: 2.794 min Scan# 21709
Delta R.T. 0.006 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

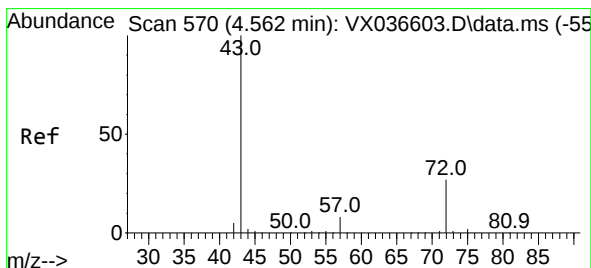
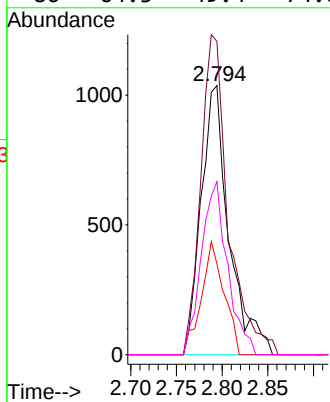
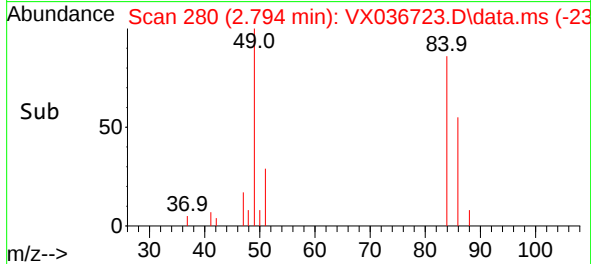
Instrument :
MSVOA_X
ClientSampleId :
1709



Tgt Ion: 84 Resp: 220
Ion Ratio Lower Upper
84 100
49 116.4 103.6 155.4
51 33.8 33.8 50.6
86 64.3 49.4 74.0

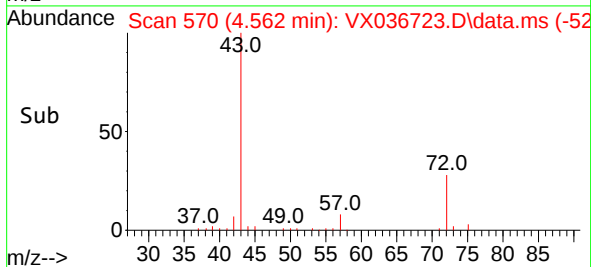
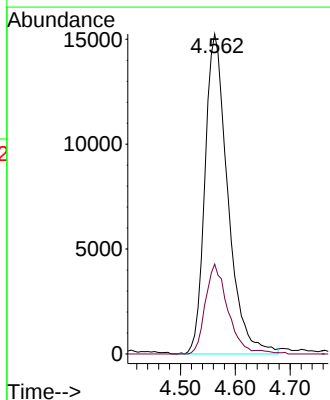
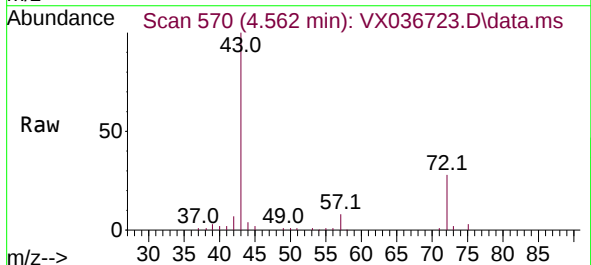
Manual Integrations
APPROVED

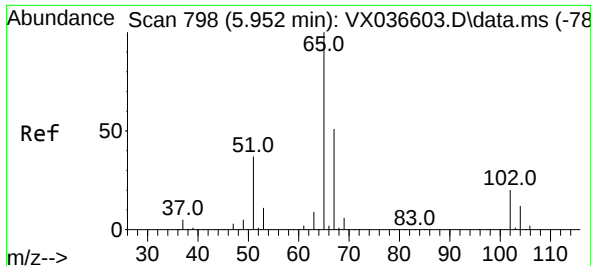
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#25
2-Butanone
Concen: 32.313 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

Tgt Ion: 43 Resp: 44170
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 44.584 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036723.D

Acq: 31 Jul 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

1709

Tgt Ion: 65 Resp: 9052

Ion Ratio Lower Upper

65 100

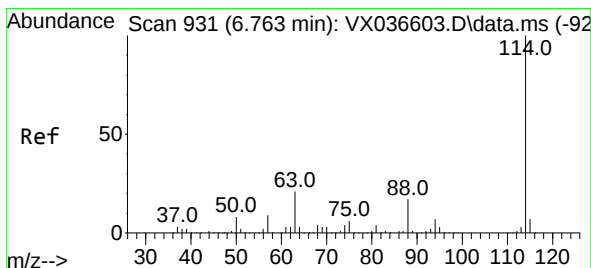
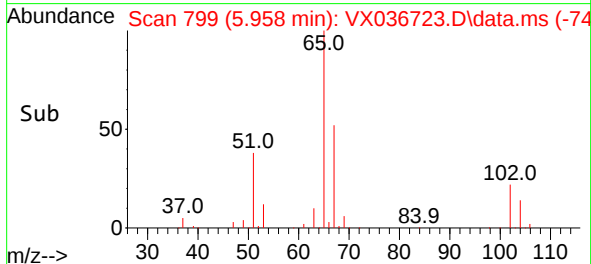
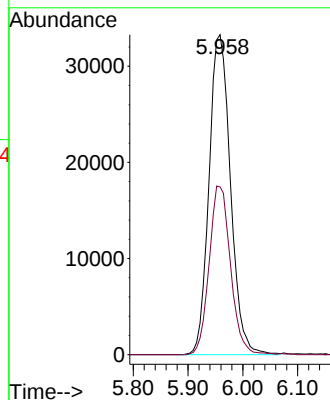
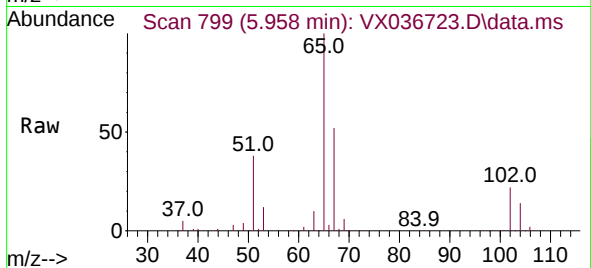
67 52.4 0.0 100.2

Manual Integrations

APPROVED

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: VX036723.D

Acq: 31 Jul 2023 16:23

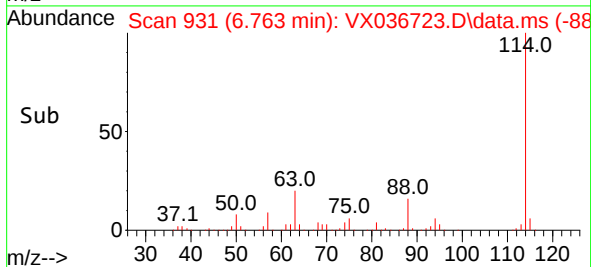
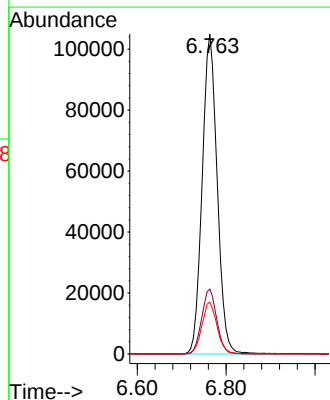
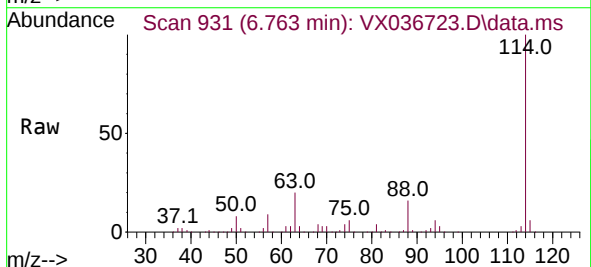
Tgt Ion:114 Resp: 246930

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.294 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036723.D

Acq: 31 Jul 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

1709

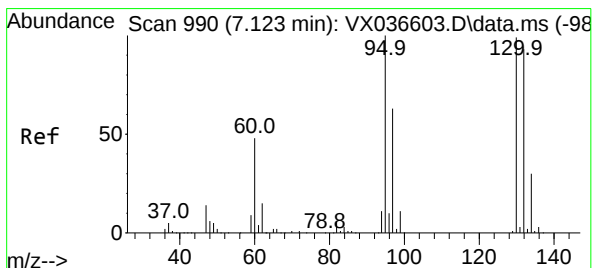
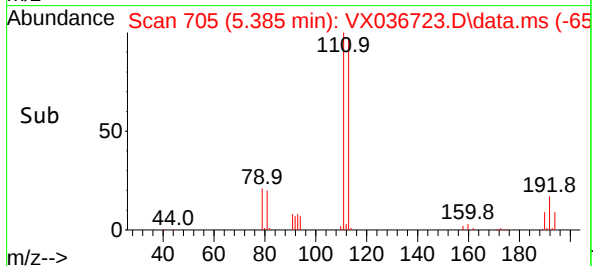
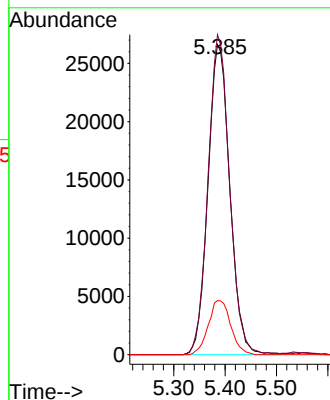
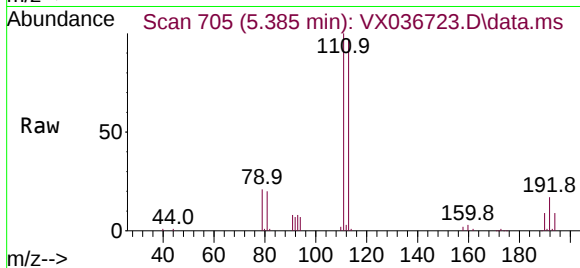
Tgt Ion:113 Resp: 7857
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 17.9 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#44

Trichloroethene

Concen: 0.353 ug/l

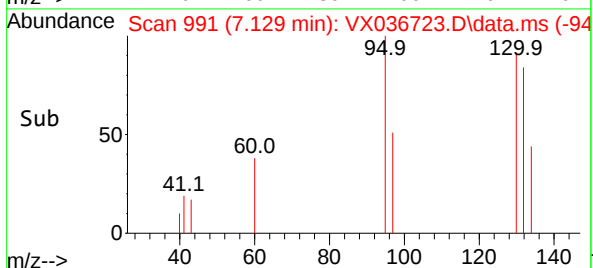
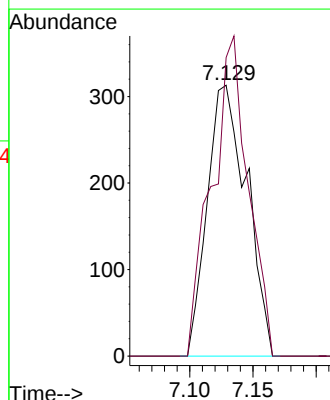
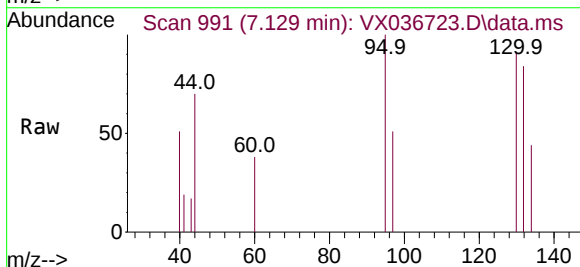
RT: 7.129 min Scan# 991

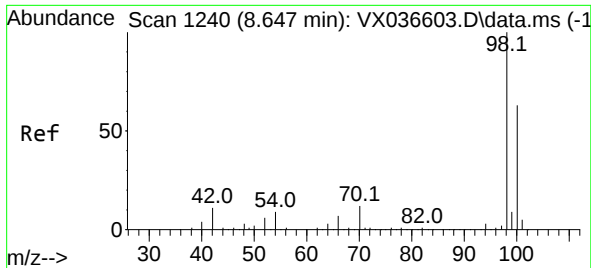
Delta R.T. 0.006 min

Lab File: VX036723.D

Acq: 31 Jul 2023 16:23

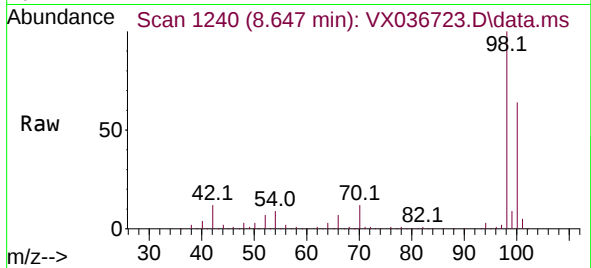
Tgt Ion:130 Resp: 680
 Ion Ratio Lower Upper
 130 100
 95 110.2 0.0 204.4





#50
Toluene-d8
Concen: 49.813 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

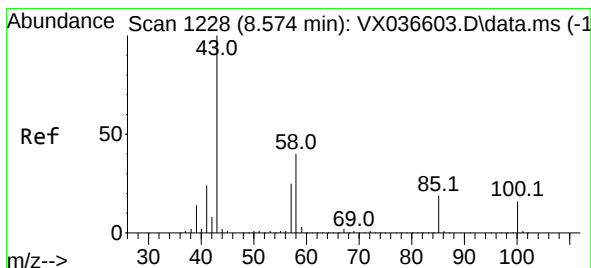
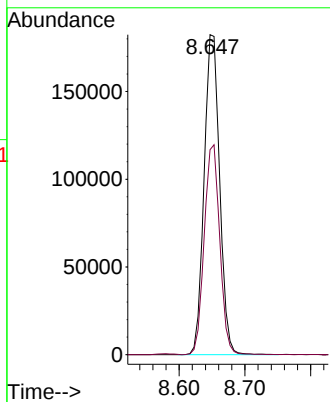
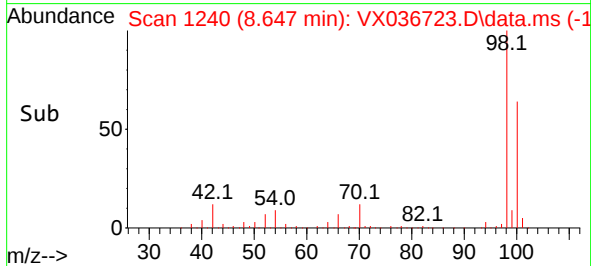
Instrument :
MSVOA_X
ClientSampleId :
1709



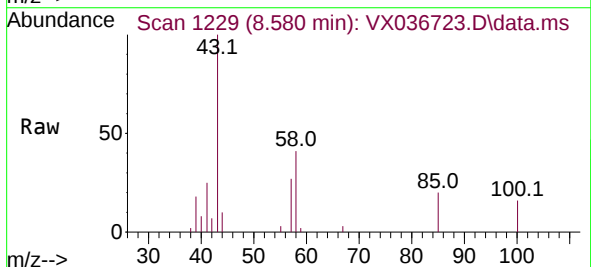
Tgt Ion: 98 Resp: 29981
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

Manual Integrations
APPROVED

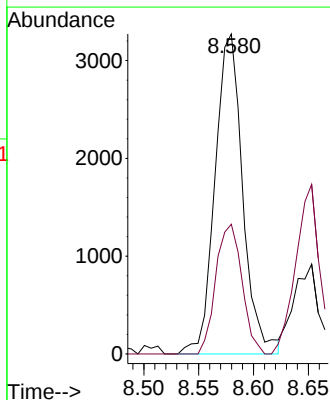
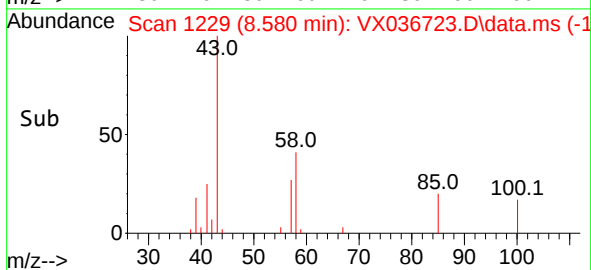
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

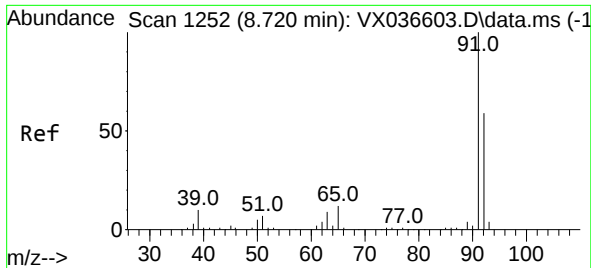


#51
4-Methyl-2-Pentanone
Concen: 2.113 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23



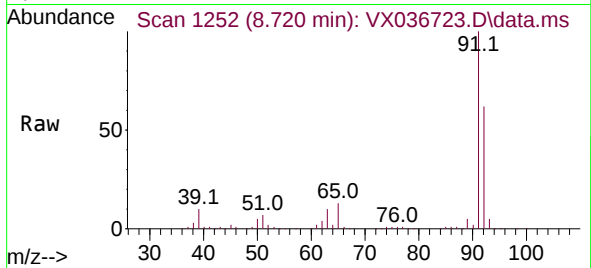
Tgt Ion: 43 Resp: 5763
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6





#52
Toluene
Concen: 504.802 ug/l
RT: 8.720 min Scan# 11709
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

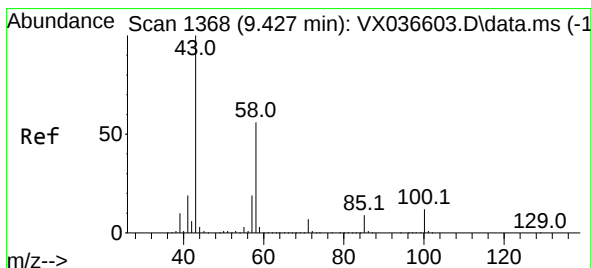
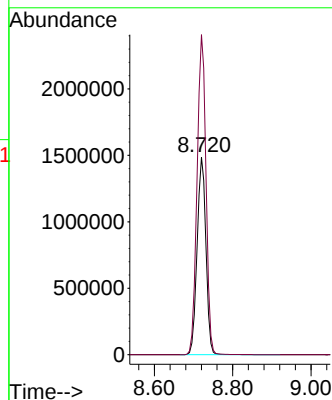
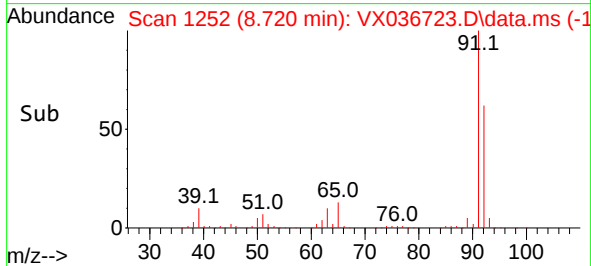
Instrument :
MSVOA_X
ClientSampleId :
1709



Tgt Ion: 92 Resp: 2328050
Ion Ratio Lower Upper
92 100
91 164.7 134.2 201.2

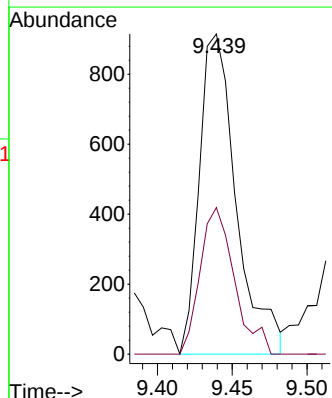
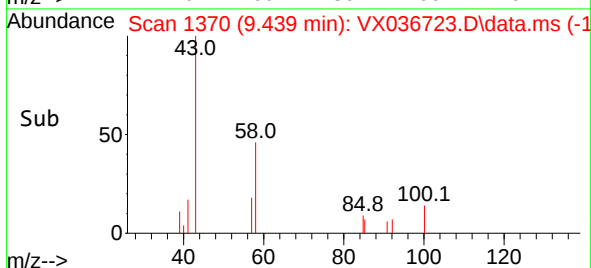
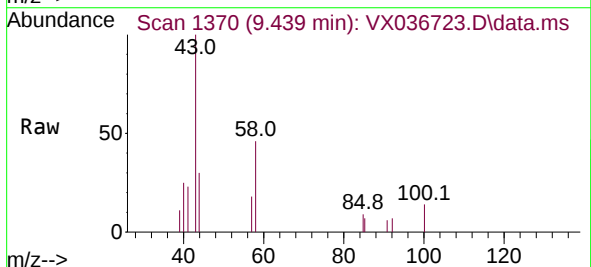
Manual Integrations
APPROVED

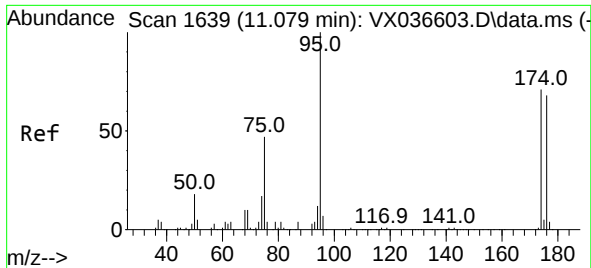
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#59
2-Hexanone
Concen: 0.779 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

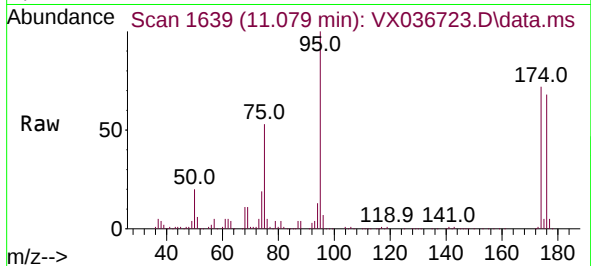
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 42.4 26.2 78.5





#62
4-Bromofluorobenzene
Concen: 50.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

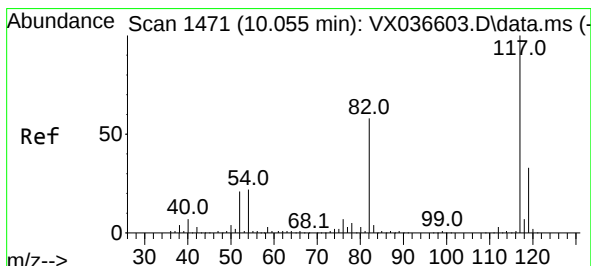
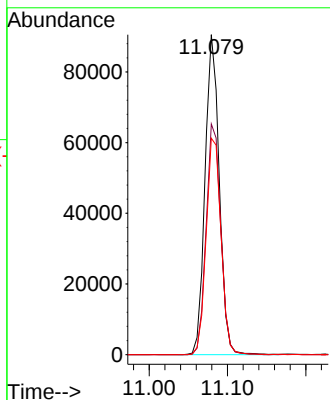
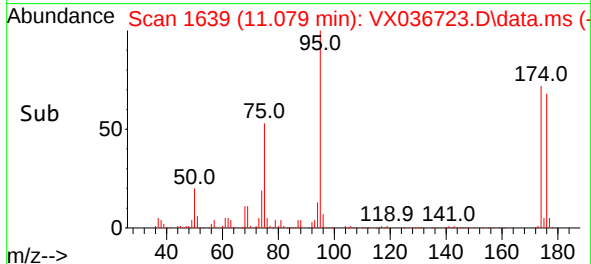
Instrument :
MSVOA_X
ClientSampleId :
1709



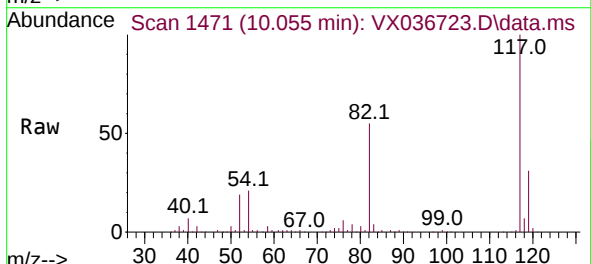
Tgt Ion: 95 Resp: 113838
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.1 0.0 131.0

Manual Integrations
APPROVED

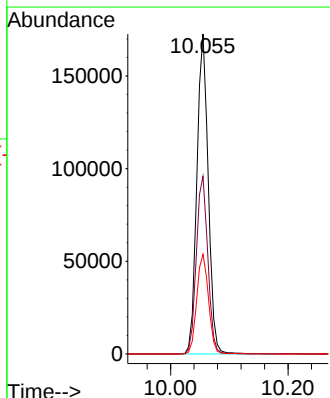
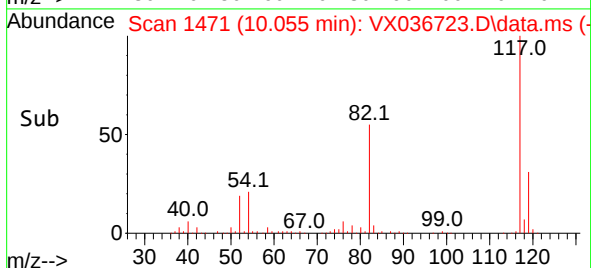
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

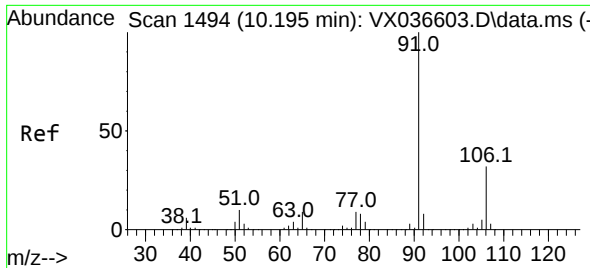


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23



Tgt Ion:117 Resp: 232106
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.1 25.5 38.3





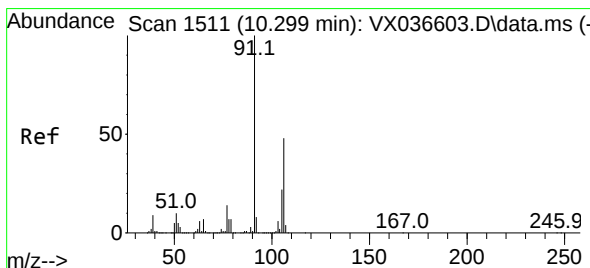
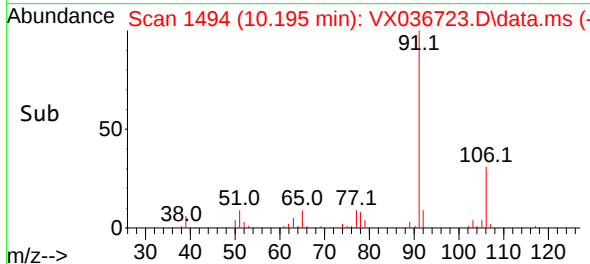
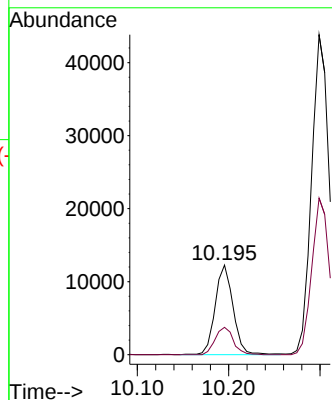
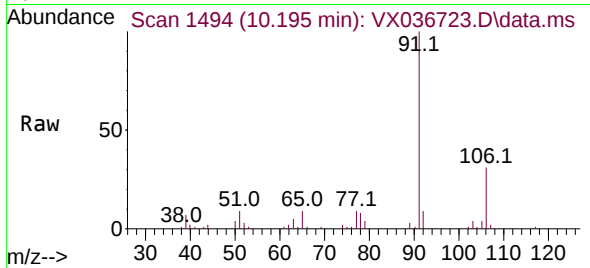
#67
Ethyl Benzene
Concen: 1.787 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

Instrument :
MSVOA_X
ClientSampleId :
1709

Tgt Ion: 91 Resp: 16700
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

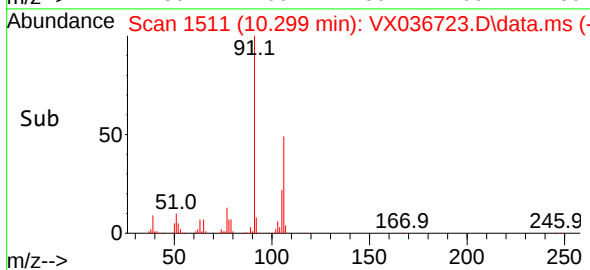
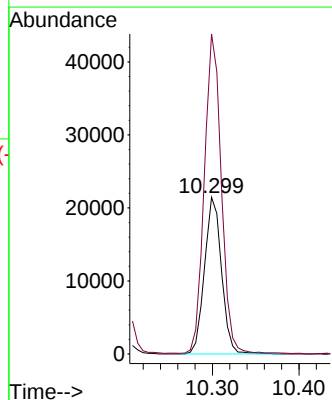
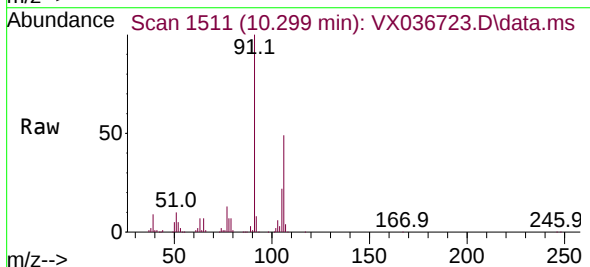
Manual Integrations
APPROVED

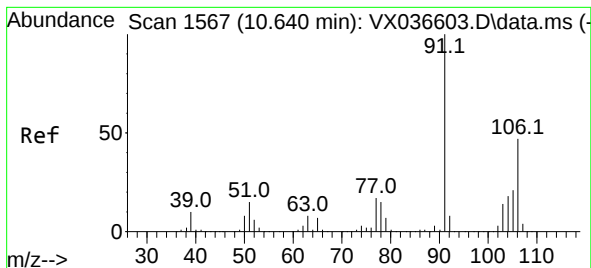
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#68
m/p-Xylenes
Concen: 8.387 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

Tgt Ion:106 Resp: 29246
Ion Ratio Lower Upper
106 100
91 205.8 165.5 248.3





#69

o-Xylene

Concen: 7.219 ug/l

RT: 10.640 min Scan# 11709

Delta R.T. 0.000 min

Lab File: VX036723.D

Acq: 31 Jul 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

1709

Tgt Ion:106 Resp: 25130

Ion Ratio Lower Upper

106 100

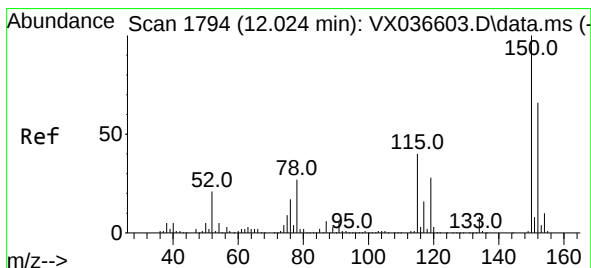
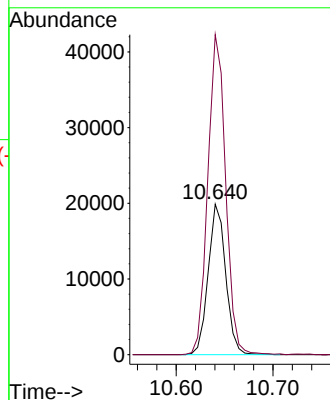
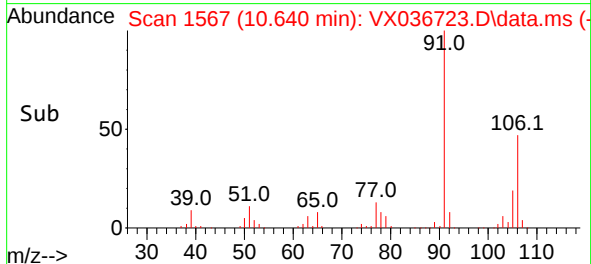
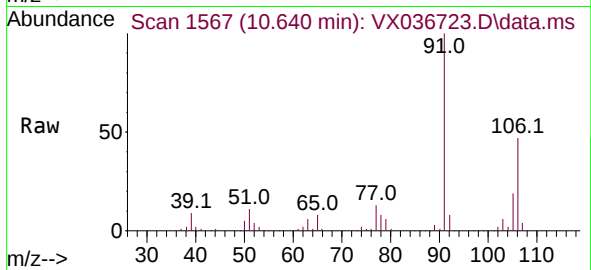
91 216.2 108.9 326.8

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: VX036723.D

Acq: 31 Jul 2023 16:23

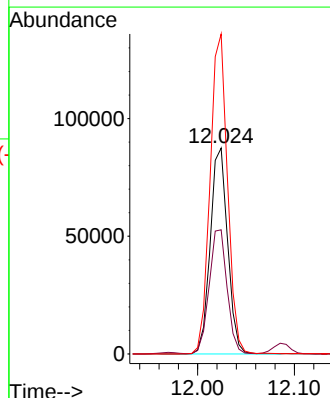
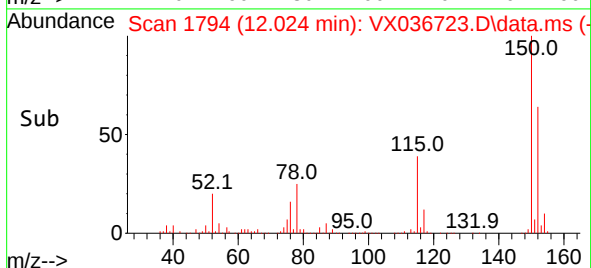
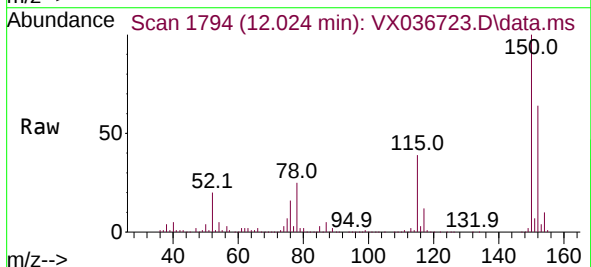
Tgt Ion:152 Resp: 109490

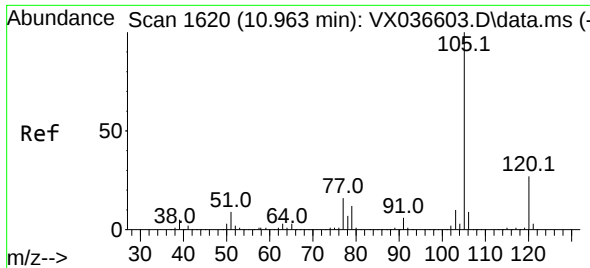
Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 155.4 0.0 345.0





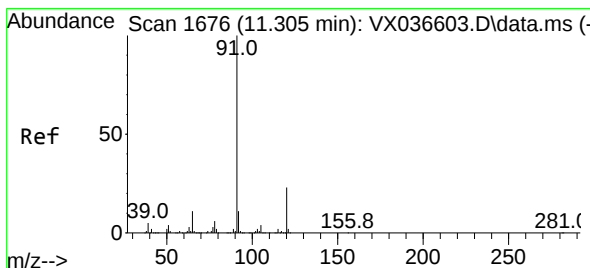
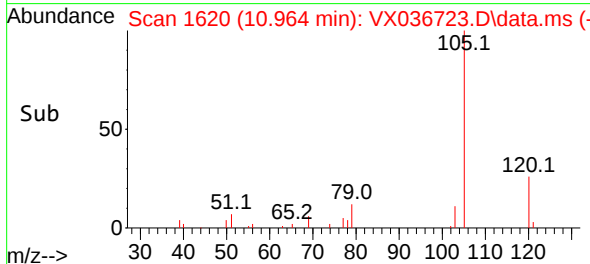
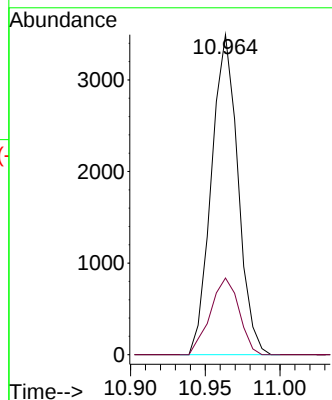
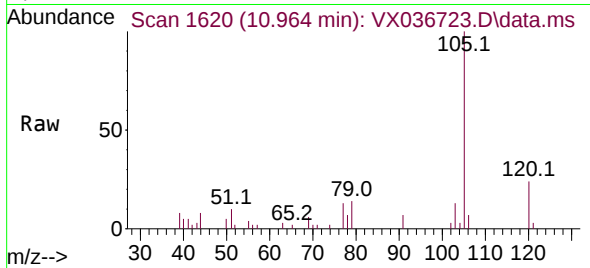
#73
Isopropylbenzene
Concen: 0.475 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

Instrument :
MSVOA_X
ClientSampleId :
1709

Tgt Ion:105 Resp: 430
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

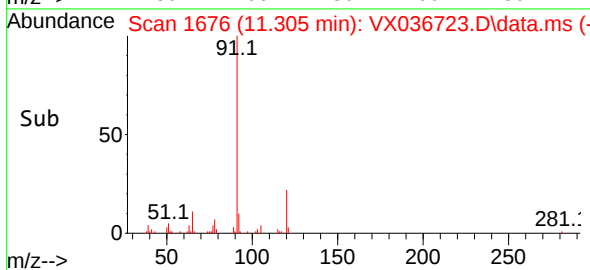
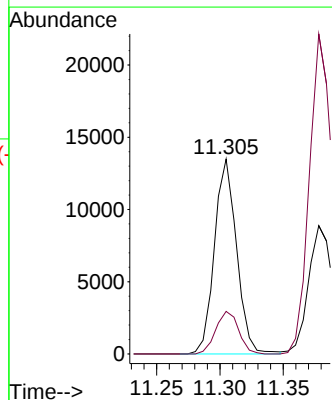
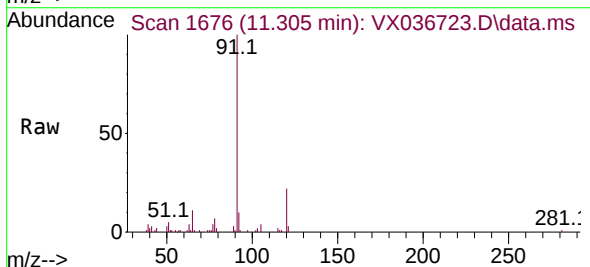
Manual Integrations
APPROVED

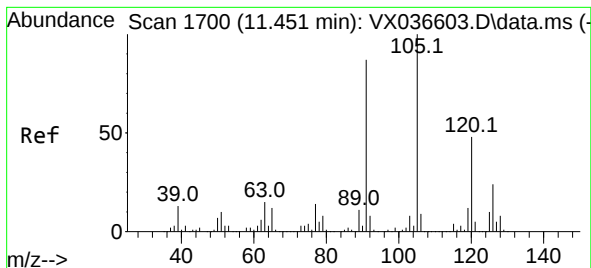
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#78
n-propylbenzene
Concen: 1.570 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

Tgt Ion: 91 Resp: 16448
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 5.410 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036723.D

Acq: 31 Jul 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

1709

Tgt Ion:105 Resp: 41010

Ion Ratio Lower Upper

105 100

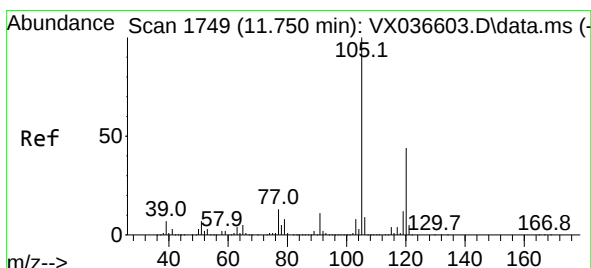
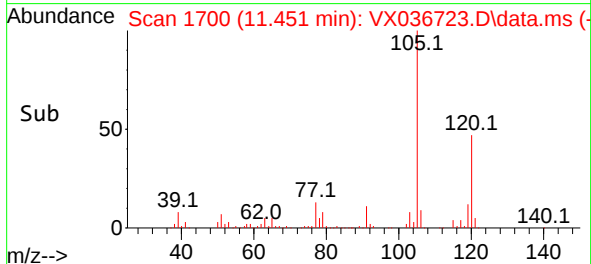
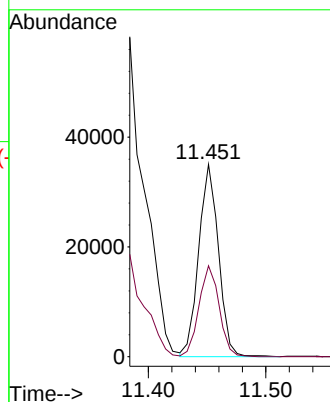
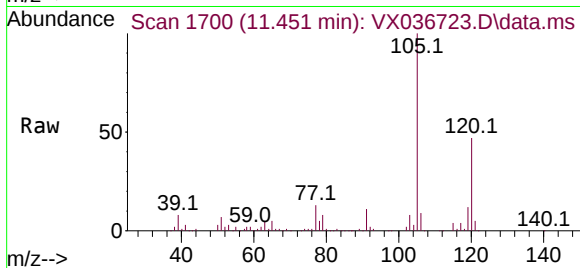
120 48.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 30.302 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036723.D

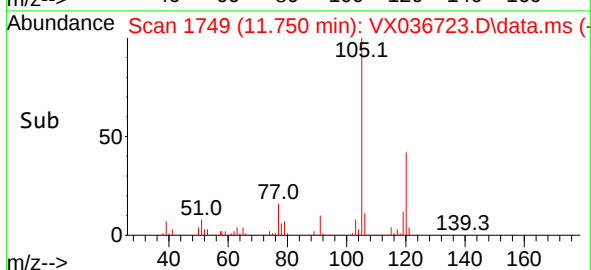
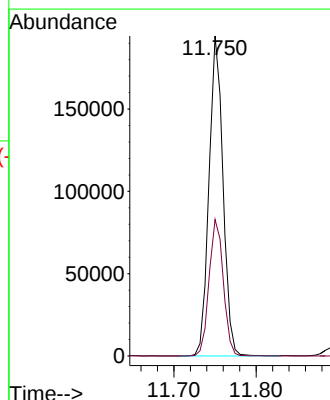
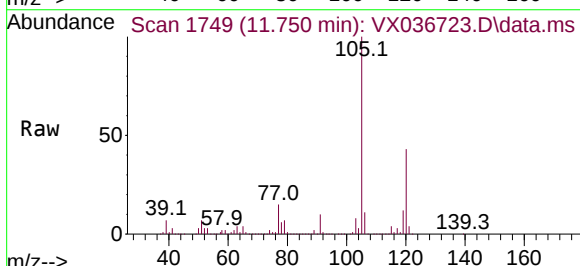
Acq: 31 Jul 2023 16:23

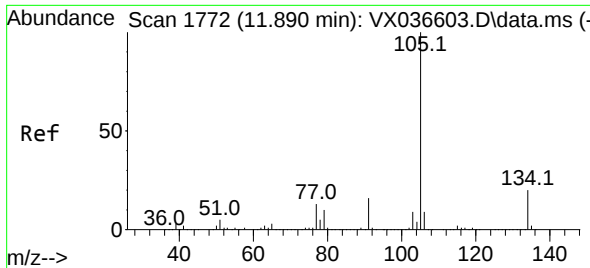
Tgt Ion:105 Resp: 229724

Ion Ratio Lower Upper

105 100

120 43.4 21.2 63.6





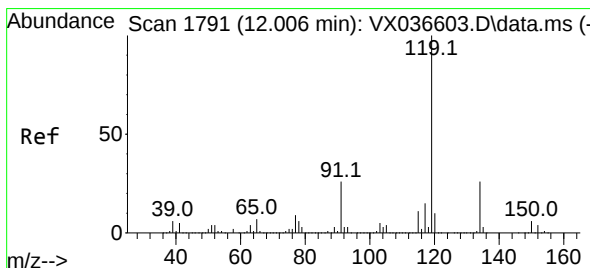
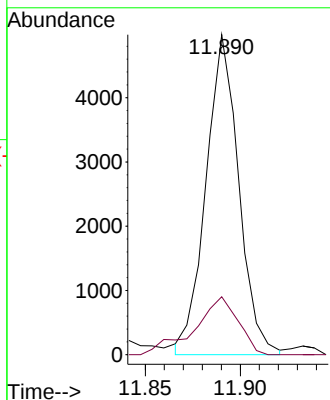
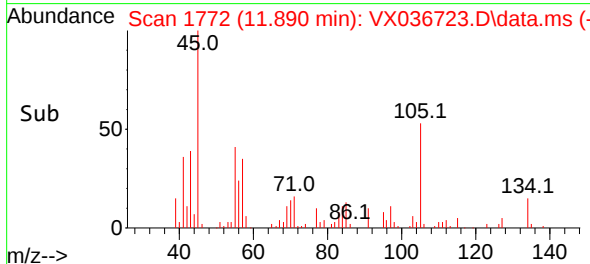
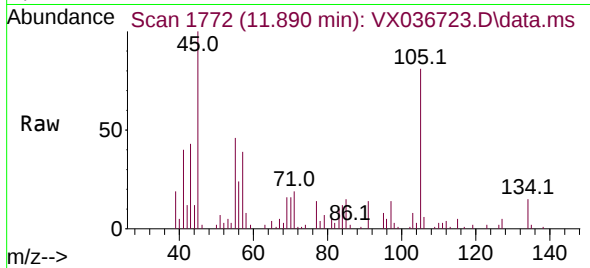
#85
 sec-Butylbenzene
 Concen: 0.644 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036723.D
 Acq: 31 Jul 2023 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 1709

Tgt Ion:105 Resp: 5978
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

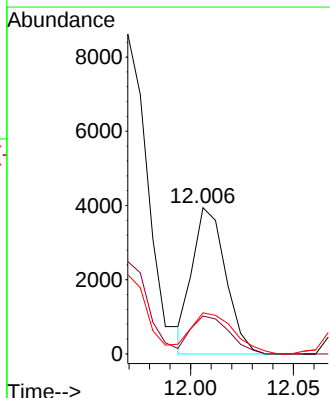
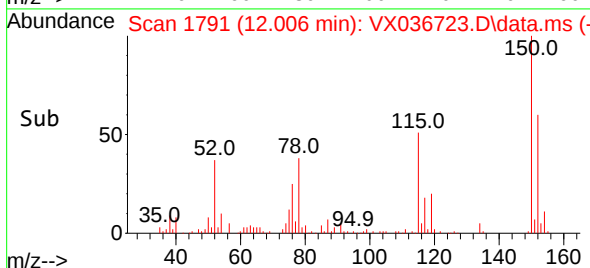
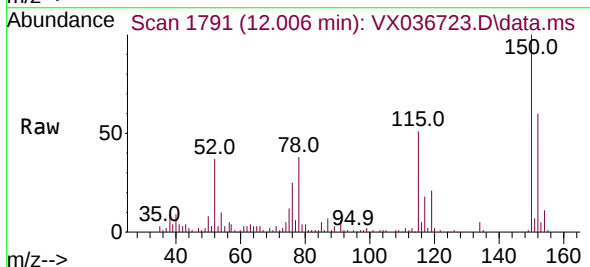
Manual Integrations
 APPROVED

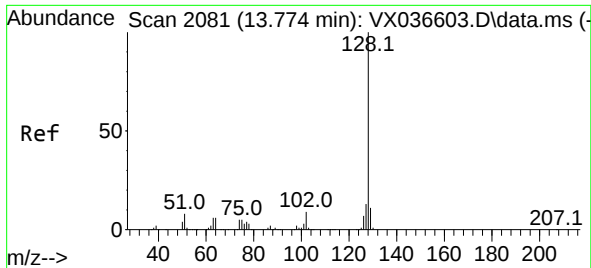
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#86
 p-Isopropyltoluene
 Concen: 0.581 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036723.D
 Acq: 31 Jul 2023 16:23

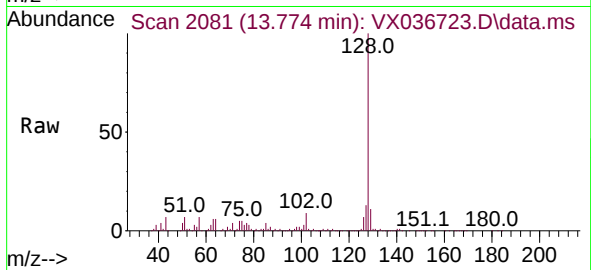
Tgt Ion:119 Resp: 4437
 Ion Ratio Lower Upper
 119 100
 134 30.0 12.8 38.3
 91 37.9 13.1 39.3





#95
Naphthalene
Concen: 19.761 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036723.D
Acq: 31 Jul 2023 16:23

Instrument :
MSVOA_X
ClientSampleId :
1709



Tgt Ion:128 Resp: 156470
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.6 8.8 13.2

Manual Integrations
APPROVED

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

