

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035077.D
 Acq On : 14 Apr 2023 12:49
 Operator : JC/MD
 Sample : 02346-02
 Misc : 1.42g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31501

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 05:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	271089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	450804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170417	41.105	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.200%		
35) Dibromofluoromethane	5.385	113	124383	41.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.440%		
50) Toluene-d8	8.647	98	542145	49.261	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.085	95	198545	46.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.240%		
Target Compounds					Qvalue	
16) Acetone	2.410	43	2290	1.360	ug/l	89
25) 2-Butanone	4.611	43	11200m	4.572	ug/l	
31) Cyclohexane	5.471	56	141172	27.964	ug/l #	84
39) Methylcyclohexane	7.373	83	378125	80.608	ug/l	94
40) Benzene	6.038	78	78936	6.225	ug/l	96
52) Toluene	8.720	92	262844	31.790	ug/l	99
67) Ethyl Benzene	10.195	91	83524	5.537	ug/l	95
68) m/p-Xylenes	10.299	106	231480	40.174	ug/l	99
69) o-Xylene	10.640	106	56845	10.071	ug/l	99
73) Isopropylbenzene	10.963	105	22026	1.669	ug/l	99
78) n-propylbenzene	11.305	91	37028	2.428	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	138288	12.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	220708	19.664	ug/l	99
85) sec-Butylbenzene	11.890	105	16094	1.276	ug/l	98
86) p-Isopropyltoluene	12.012	119	19389	1.844	ug/l	95
95) Naphthalene	13.780	128	26808	2.236	ug/l #	74

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

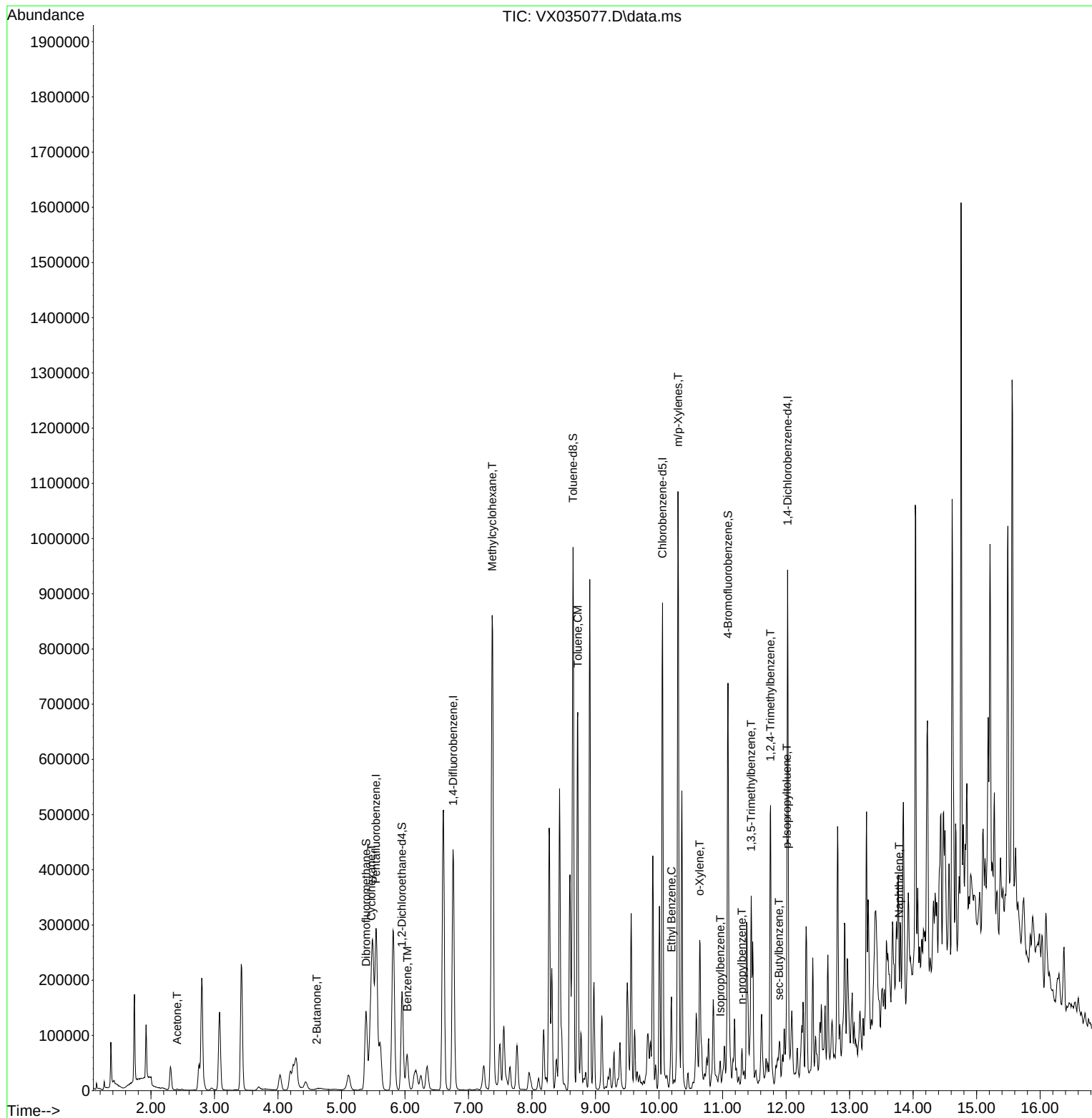
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
Data File : VX035077.D
Acq On : 14 Apr 2023 12:49
Operator : JC/MD
Sample : 02346-02
Misc : 1.42g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

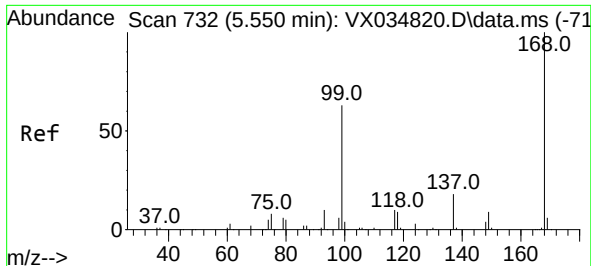
Instrument :
MSVOA_X
ClientSampleId :
31501

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/17/2023
Supervised By : Mahesh Dadoda 04/17/2023

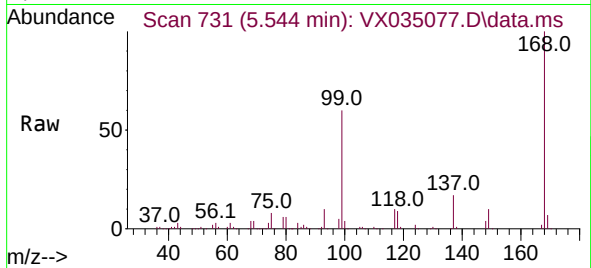
Quant Time: Apr 17 05:08:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

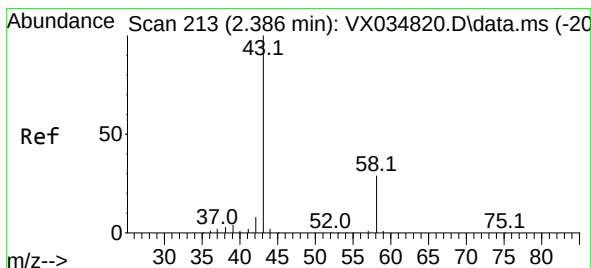
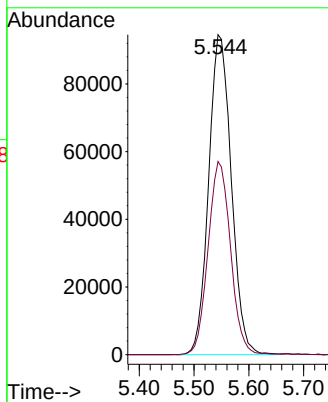
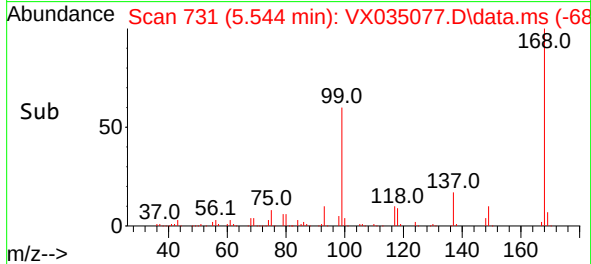
Instrument :
MSVOA_X
ClientSampleId :
31501



Tgt Ion:168 Resp: 271089
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5

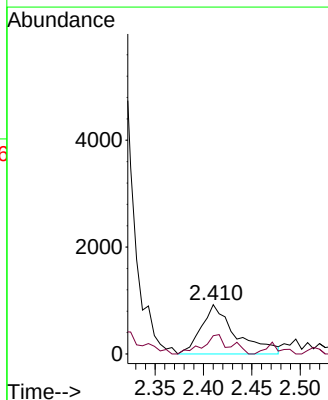
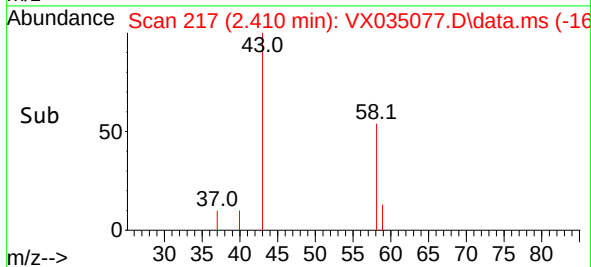
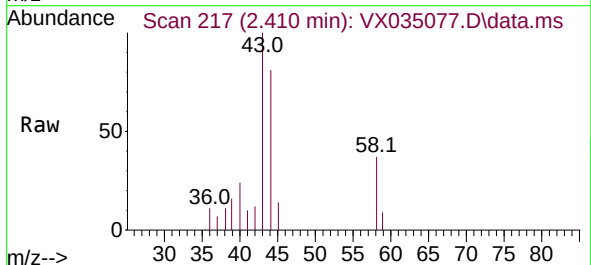
Manual Integrations
APPROVED

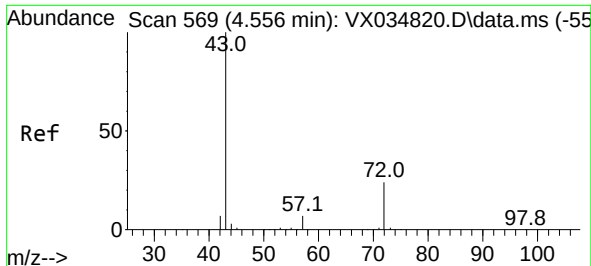
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#16
Acetone
Concen: 1.360 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.024 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

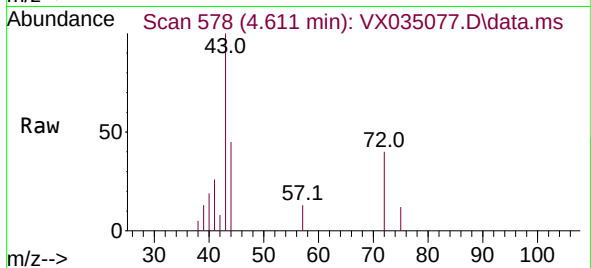
Tgt Ion: 43 Resp: 2290
Ion Ratio Lower Upper
43 100
58 36.9 24.7 37.1





#25
2-Butanone
Concen: 4.572 ug/l m
RT: 4.611 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

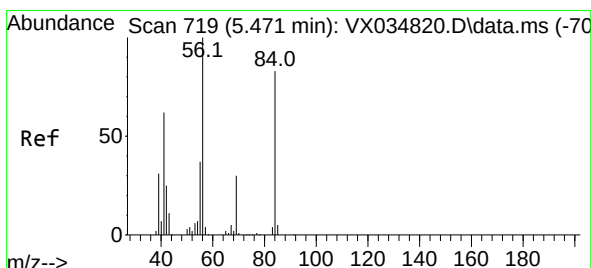
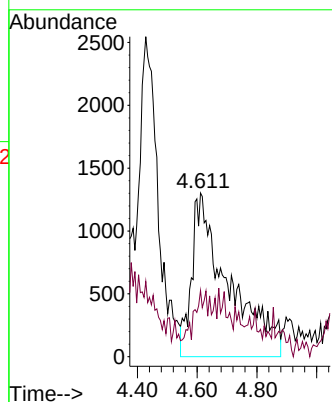
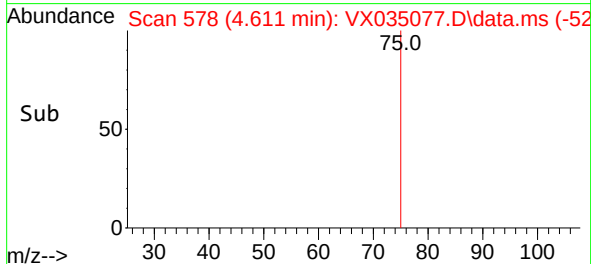
Instrument :
MSVOA_X
ClientSampleId :
31501



Tgt Ion: 43 Resp: 11200
Ion Ratio Lower Upper
43 100
72 40.5 19.3 28.9

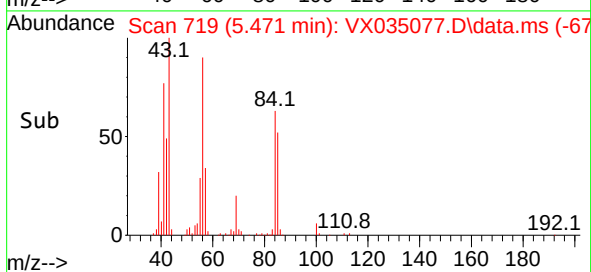
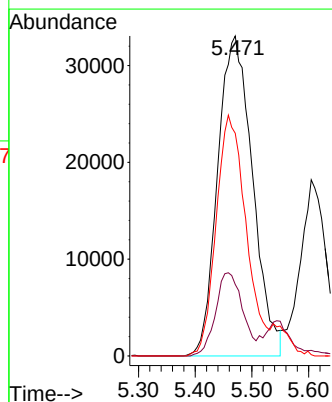
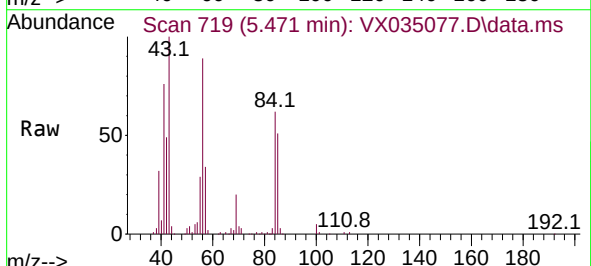
Manual Integrations
APPROVED

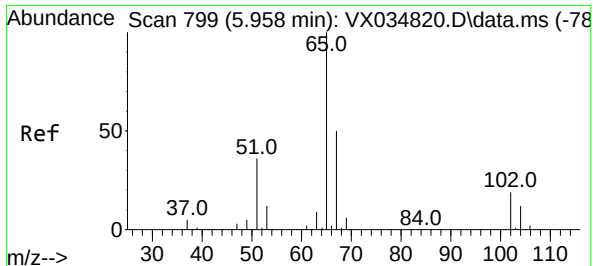
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#31
Cyclohexane
Concen: 27.964 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

Tgt Ion: 56 Resp: 141172
Ion Ratio Lower Upper
56 100
69 22.3 23.7 35.5#
84 69.6 68.5 102.7





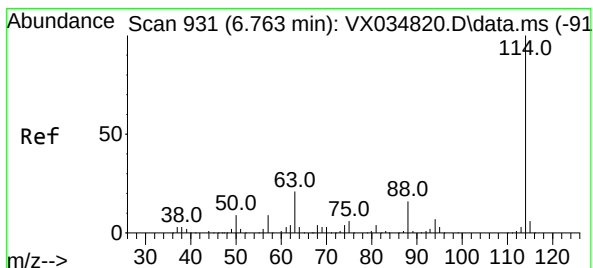
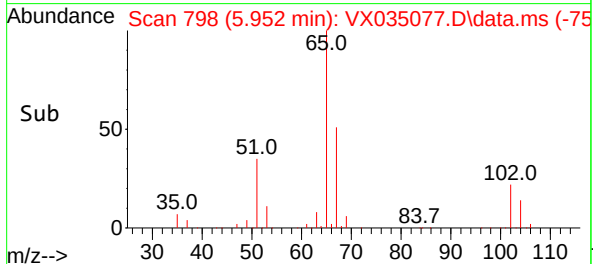
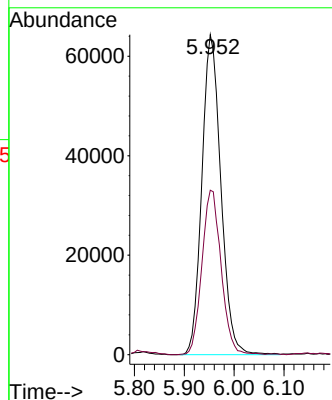
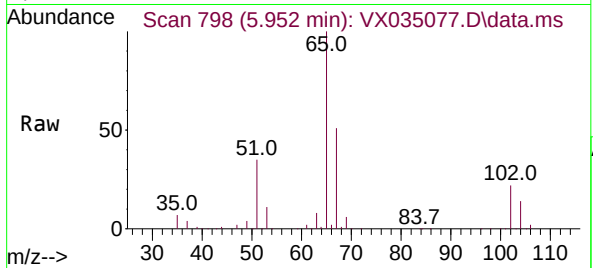
#33
1,2-Dichloroethane-d4
Concen: 41.105 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

Instrument :
MSVOA_X
Client Sample Id :
31501

Tgt Ion: 65 Resp: 17041
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

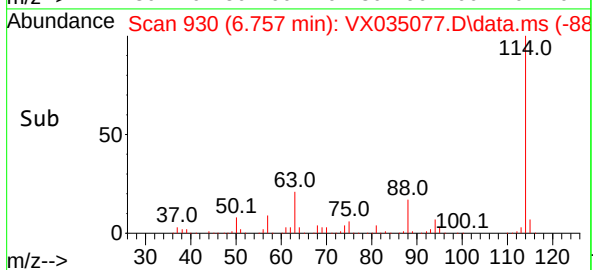
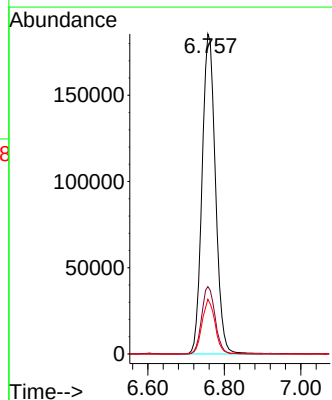
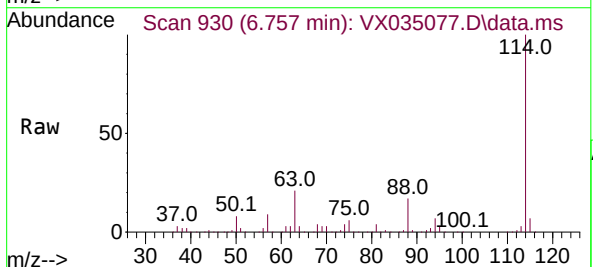
Manual Integrations
APPROVED

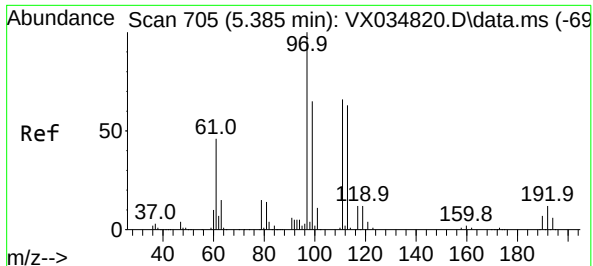
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

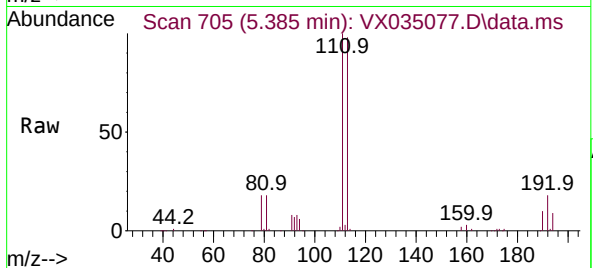
Tgt Ion:114 Resp: 450804
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 17.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 41.715 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

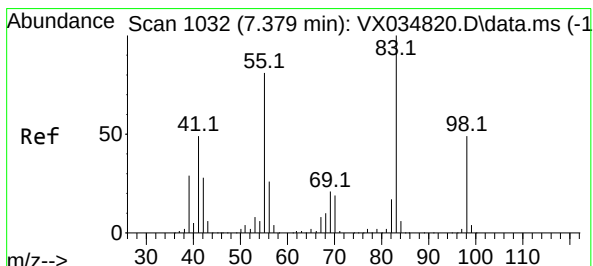
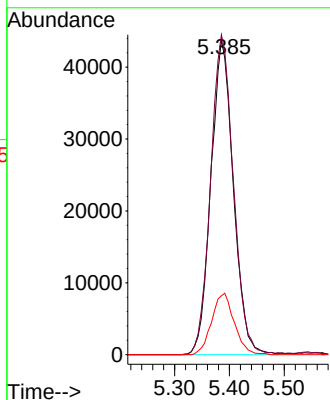
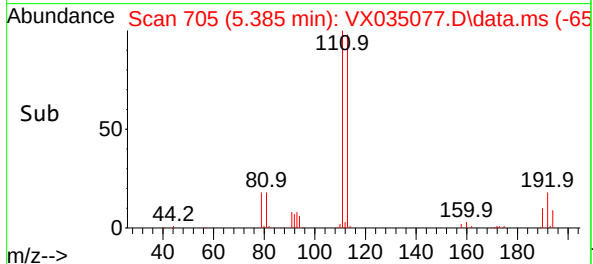
Instrument :
MSVOA_X
ClientSampleId :
31501



Tgt Ion: 113 Resp: 12438
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.6 15.4 23.2

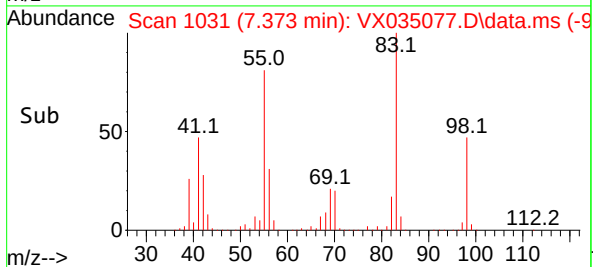
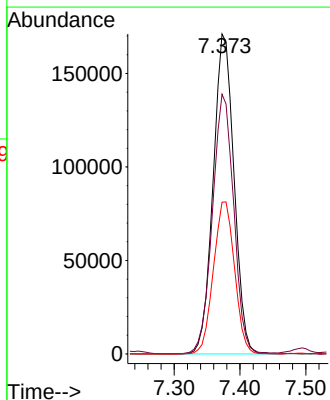
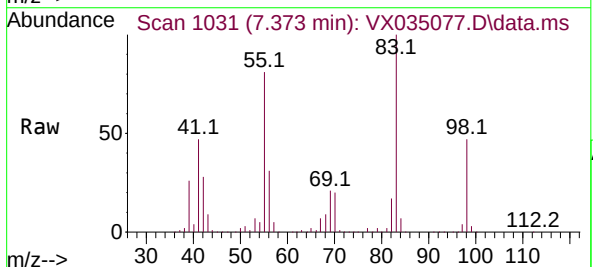
Manual Integrations
APPROVED

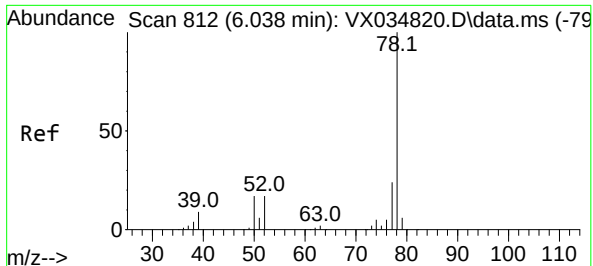
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#39
Methylcyclohexane
Concen: 80.608 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

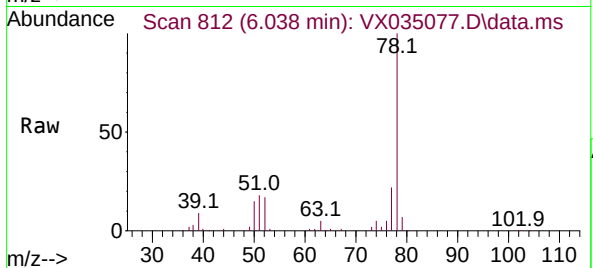
Tgt Ion: 83 Resp: 378125
Ion Ratio Lower Upper
83 100
55 81.1 60.5 90.7
98 47.5 40.4 60.6





#40
Benzene
Concen: 6.225 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

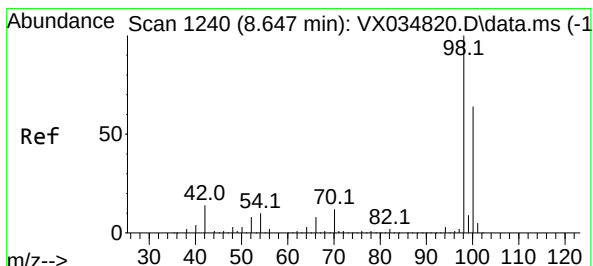
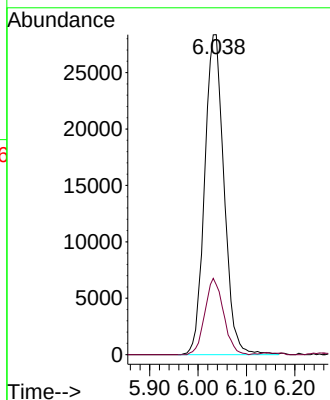
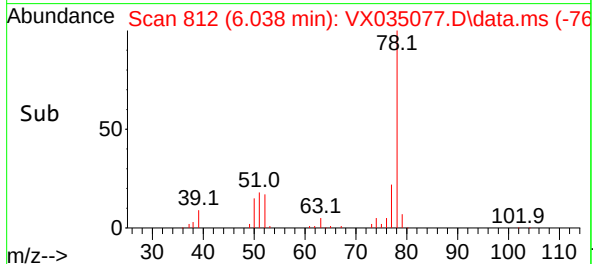
Instrument :
MSVOA_X
ClientSampleId :
31501



Tgt Ion: 78 Resp: 78930
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4

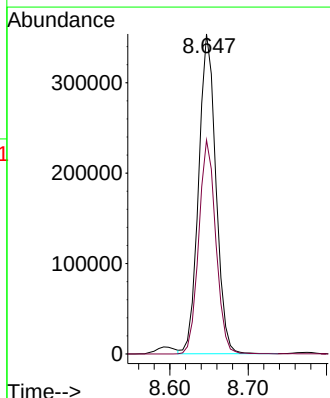
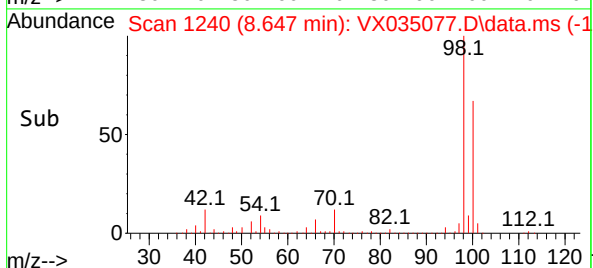
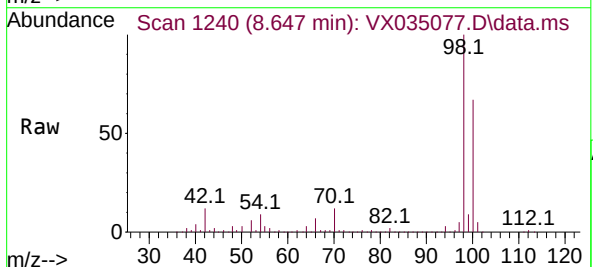
Manual Integrations
APPROVED

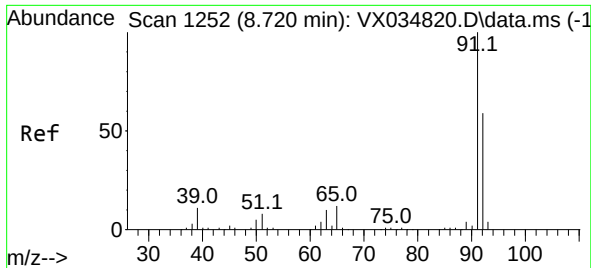
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#50
Toluene-d8
Concen: 49.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

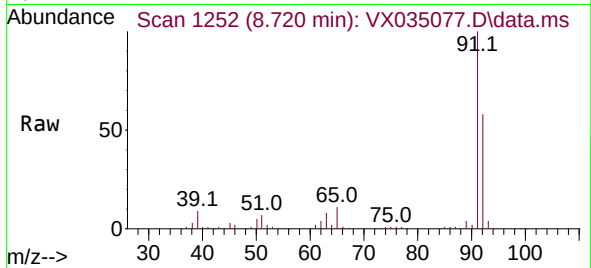
Tgt Ion: 98 Resp: 542145
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#52
Toluene
Concen: 31.790 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

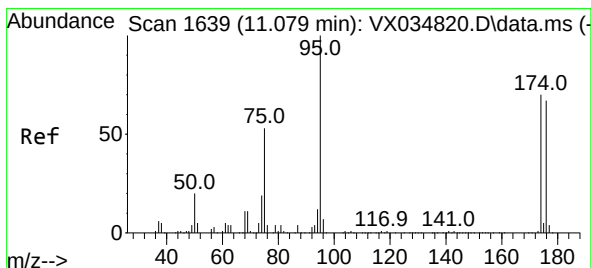
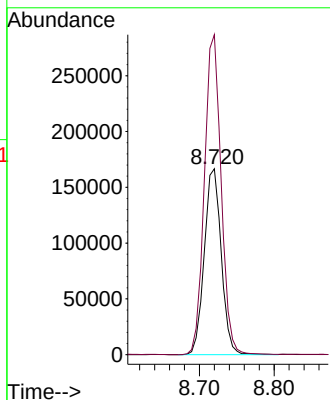
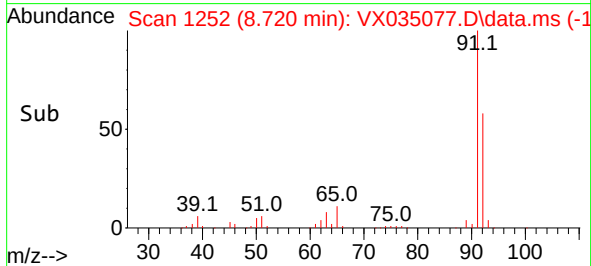
Instrument :
MSVOA_X
ClientSampleId :
31501



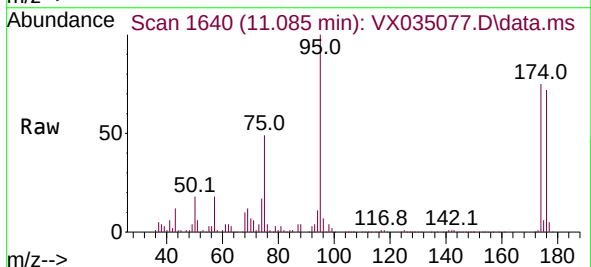
Tgt Ion: 92 Resp: 262844
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2

Manual Integrations
APPROVED

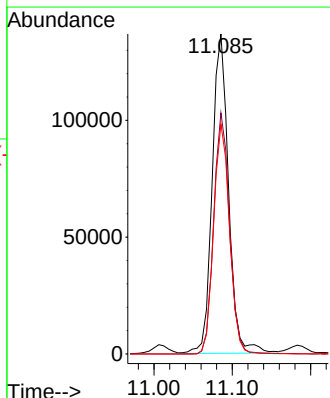
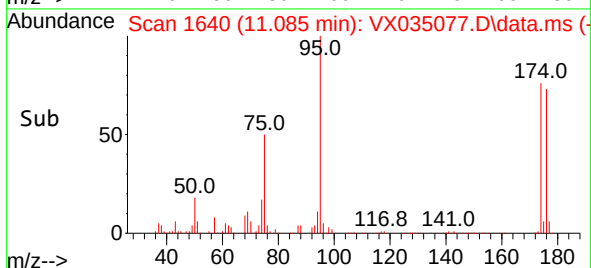
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

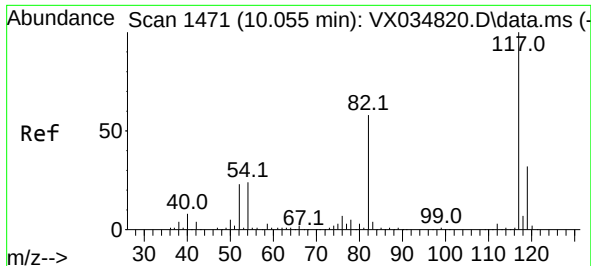


#62
4-Bromofluorobenzene
Concen: 46.619 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49



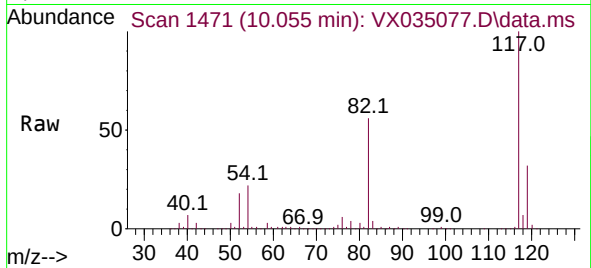
Tgt Ion: 95 Resp: 198545
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 70.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

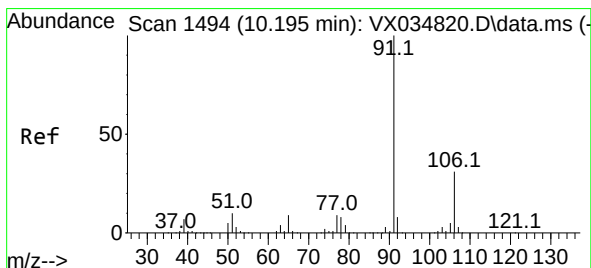
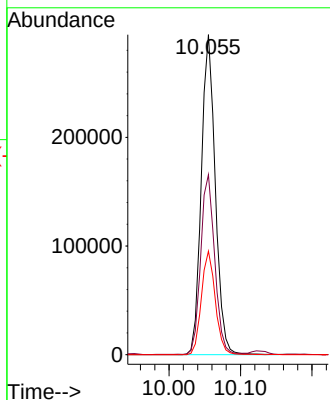
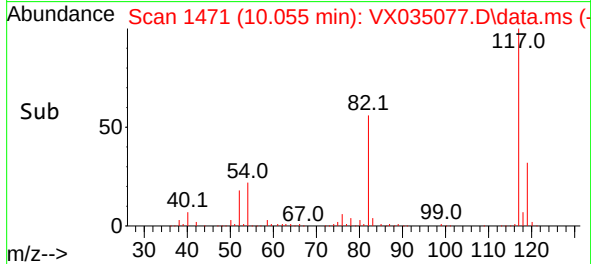
Instrument :
MSVOA_X
ClientSampleId :
31501



Tgt Ion:117 Resp: 400199
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.3 26.0 39.0

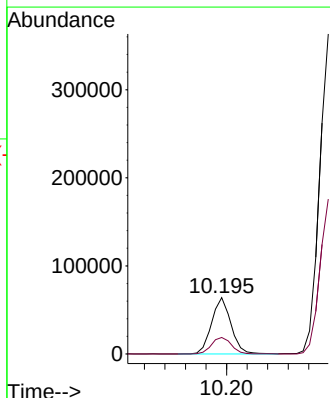
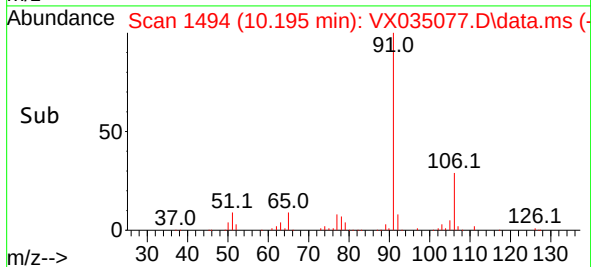
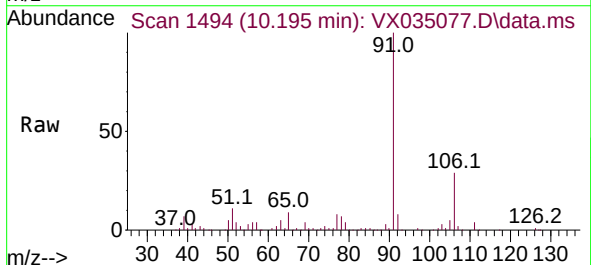
Manual Integrations
APPROVED

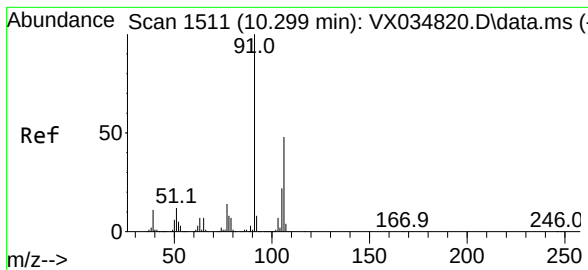
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#67
Ethyl Benzene
Concen: 5.537 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

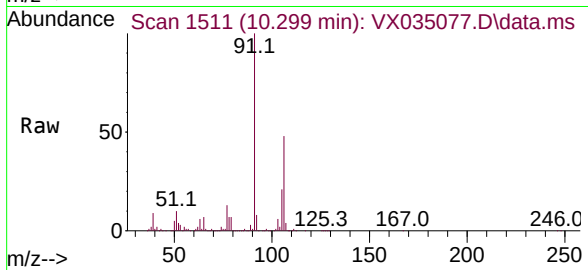
Tgt Ion: 91 Resp: 83524
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4





#68
m/p-Xylenes
Concen: 40.174 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

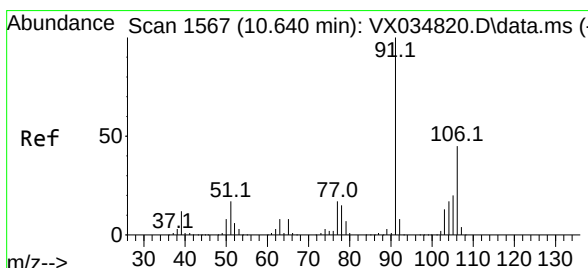
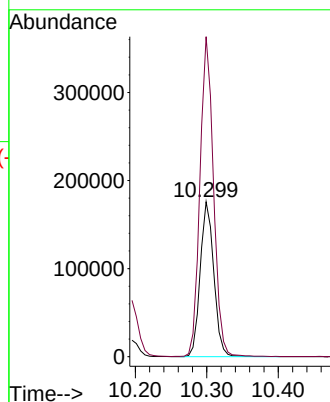
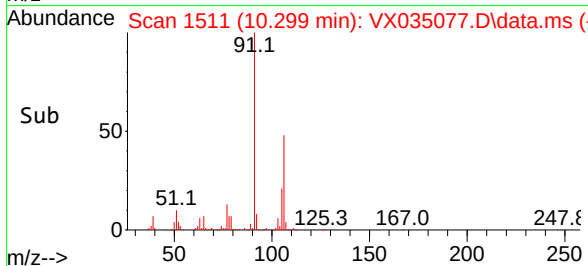
Instrument :
MSVOA_X
ClientSampleId :
31501



Tgt Ion:106 Resp: 231480
Ion Ratio Lower Upper
106 100
91 206.1 164.0 246.0

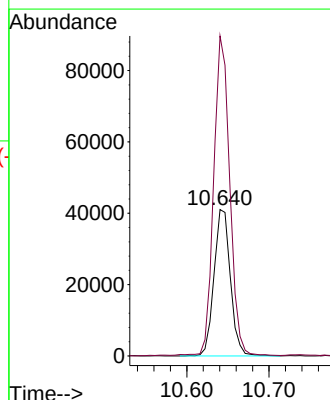
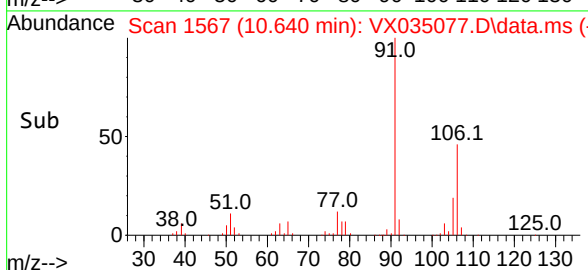
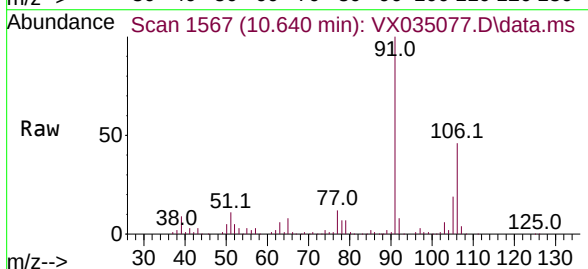
Manual Integrations
APPROVED

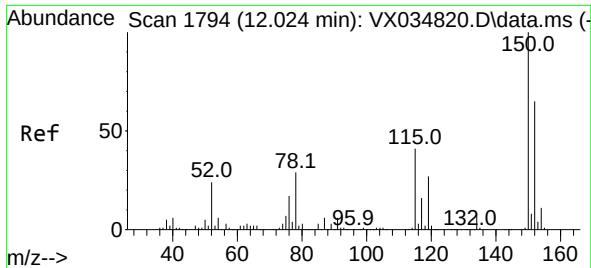
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#69
o-Xylene
Concen: 10.071 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

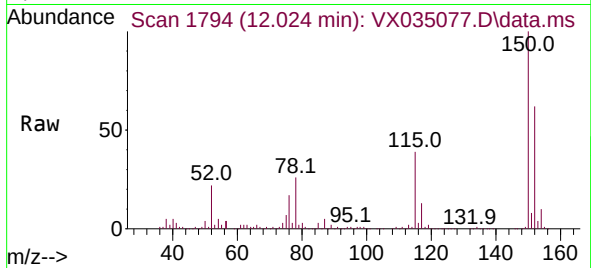
Tgt Ion:106 Resp: 56845
Ion Ratio Lower Upper
106 100
91 216.1 108.5 325.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035077.D
 Acq: 14 Apr 2023 12:49

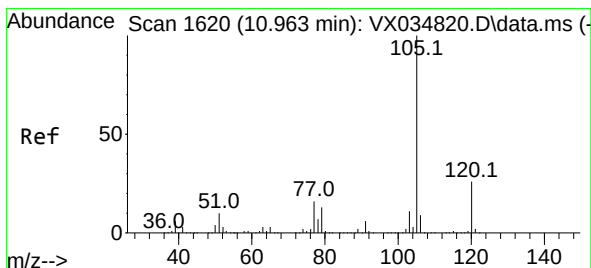
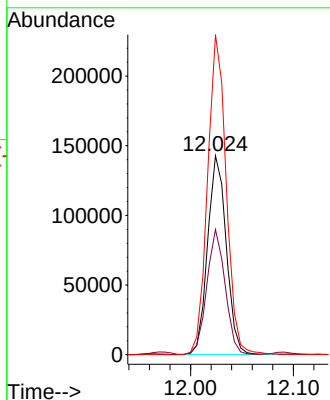
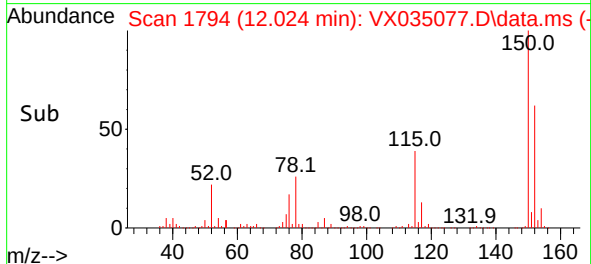
Instrument :
 MSVOA_X
 ClientSampleId :
 31501



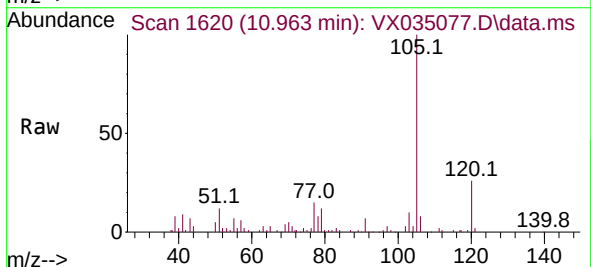
Tgt Ion:152 Resp: 180208
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.0 135.0
 150 160.4 0.0 352.4

Manual Integrations
 APPROVED

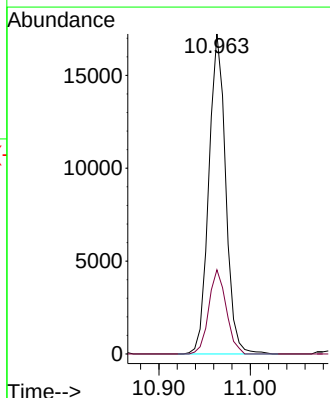
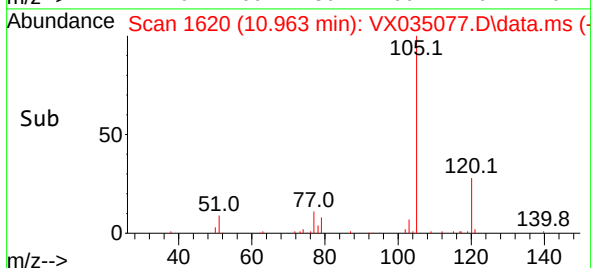
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

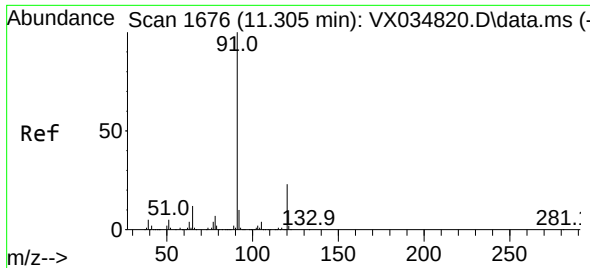


#73
 Isopropylbenzene
 Concen: 1.669 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX035077.D
 Acq: 14 Apr 2023 12:49



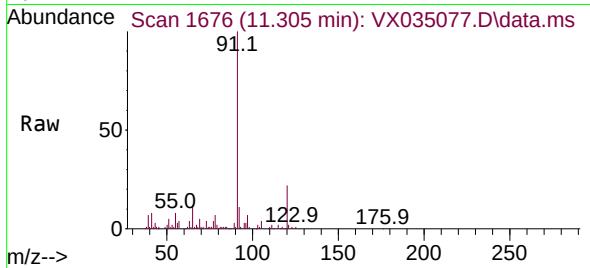
Tgt Ion:105 Resp: 22026
 Ion Ratio Lower Upper
 105 100
 120 27.2 13.3 39.9





#78
n-propylbenzene
Concen: 2.428 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

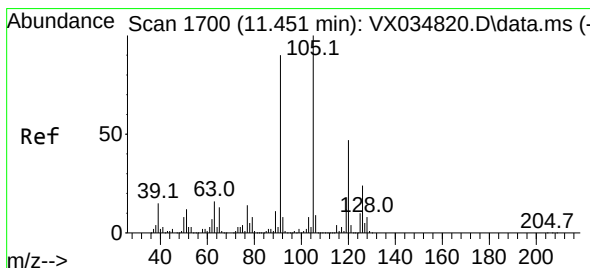
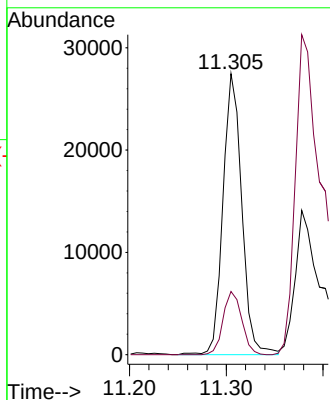
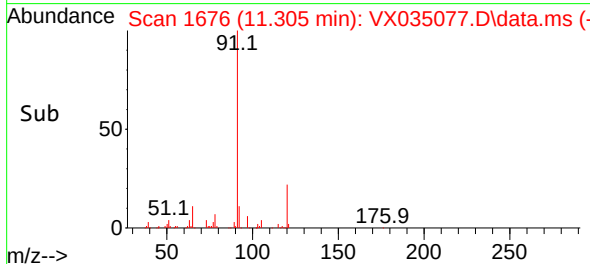
Instrument :
MSVOA_X
ClientSampleId :
31501



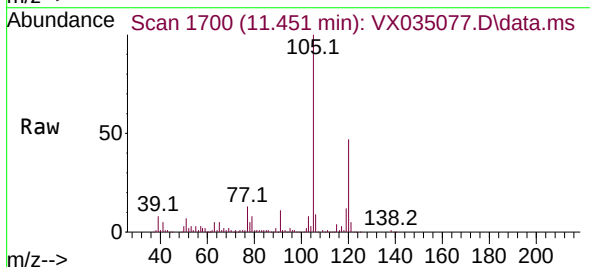
Tgt Ion: 91 Resp: 37028
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5

Manual Integrations
APPROVED

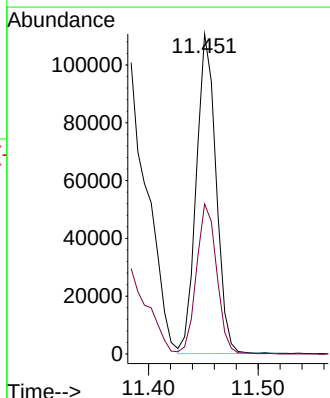
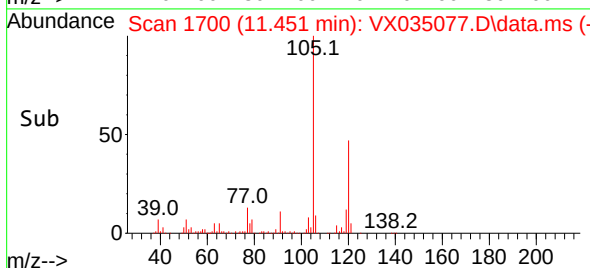
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

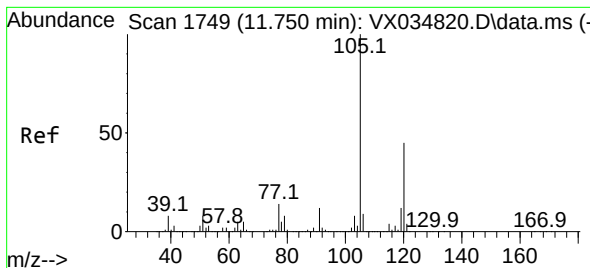


#80
1,3,5-Trimethylbenzene
Concen: 12.530 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49



Tgt Ion:105 Resp: 138288
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 19.664 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX035077.D

Acq: 14 Apr 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

31501

Tgt Ion:105 Resp: 220708

Ion Ratio Lower Upper

105 100

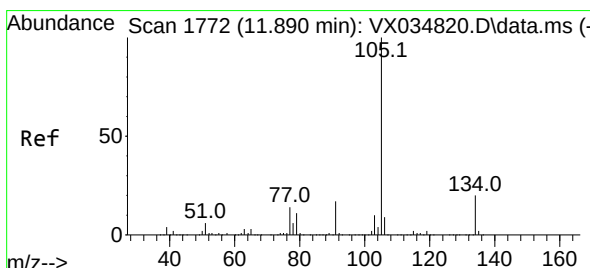
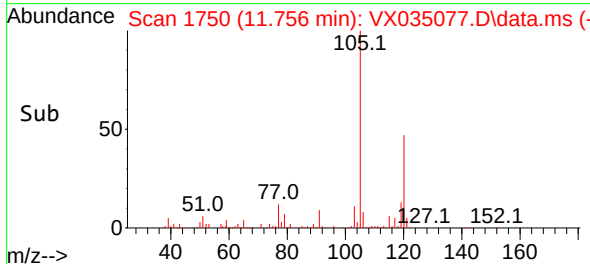
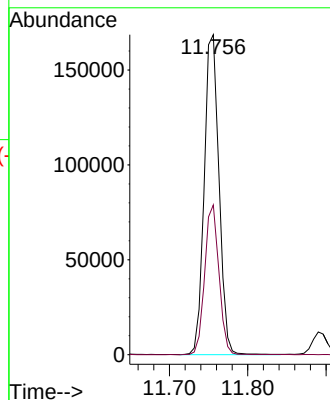
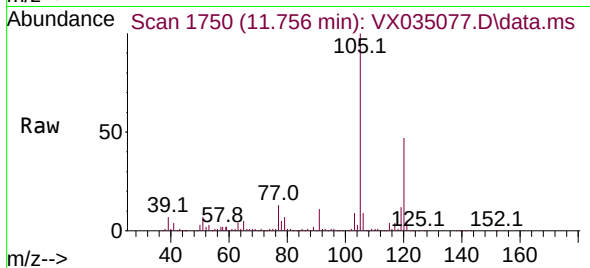
120 45.1 22.4 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#85

sec-Butylbenzene

Concen: 1.276 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035077.D

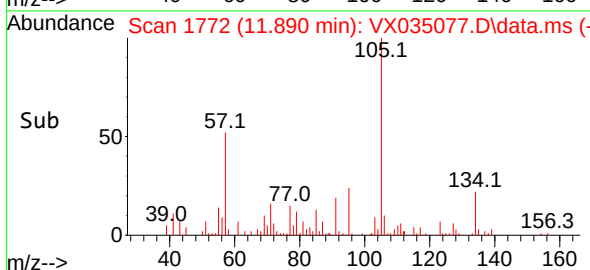
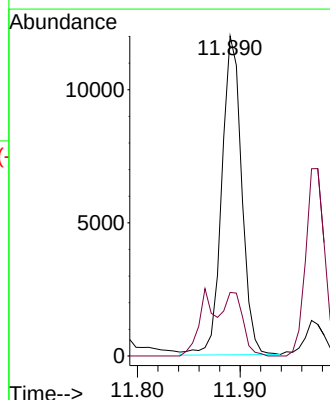
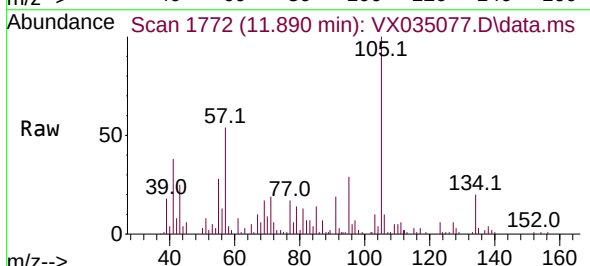
Acq: 14 Apr 2023 12:49

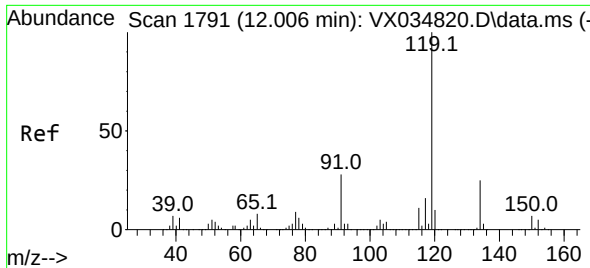
Tgt Ion:105 Resp: 16094

Ion Ratio Lower Upper

105 100

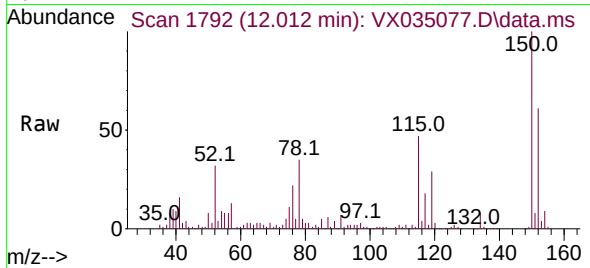
134 19.3 10.2 30.4





#86
p-Isopropyltoluene
Concen: 1.844 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49

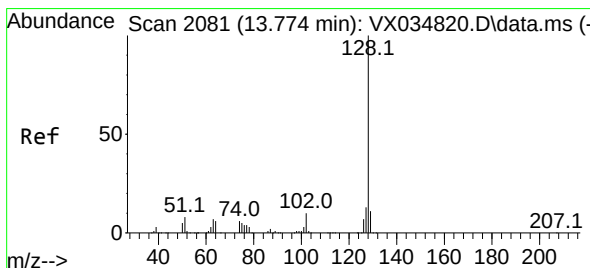
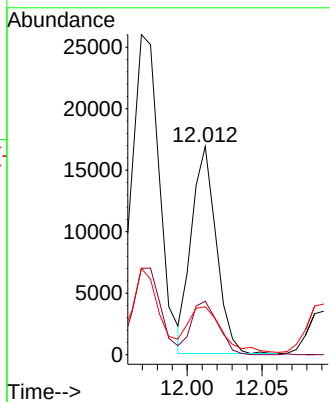
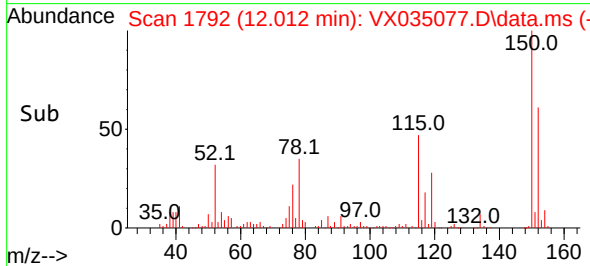
Instrument :
MSVOA_X
ClientSampleId :
31501



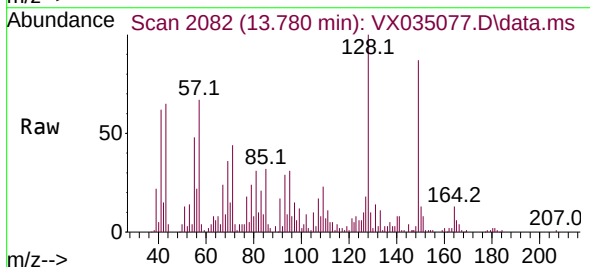
Tgt Ion:119 Resp: 19389
Ion Ratio Lower Upper
119 100
134 28.4 13.2 39.5
91 29.1 12.9 38.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#95
Naphthalene
Concen: 2.236 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035077.D
Acq: 14 Apr 2023 12:49



Tgt Ion:128 Resp: 26808
Ion Ratio Lower Upper
128 100
127 15.4 10.2 15.4#
129 29.4 8.6 13.0#

