

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037771.D
 Acq On : 18 Sep 2023 12:57
 Operator : JC/MD
 Sample : 04437-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-200-202

Quant Time: Sep 18 17:56:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	296836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	483984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174814	44.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.640%		
35) Dibromofluoromethane	5.391	113	150729	46.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	8.653	98	573548	47.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.079	95	202554	46.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.660%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	10505	5.599	ug/l	91
17) Carbon Disulfide	2.514	76	4168	0.574	ug/l	98
78) n-propylbenzene	11.305	91	4429	0.266	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2560	0.207	ug/l	96
85) sec-Butylbenzene	11.890	105	4100	0.269	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	2380	0.350	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	3041m	0.437	ug/l	
89) n-Butylbenzene	12.335	91	5379	0.483	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1783	0.257	ug/l	96

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

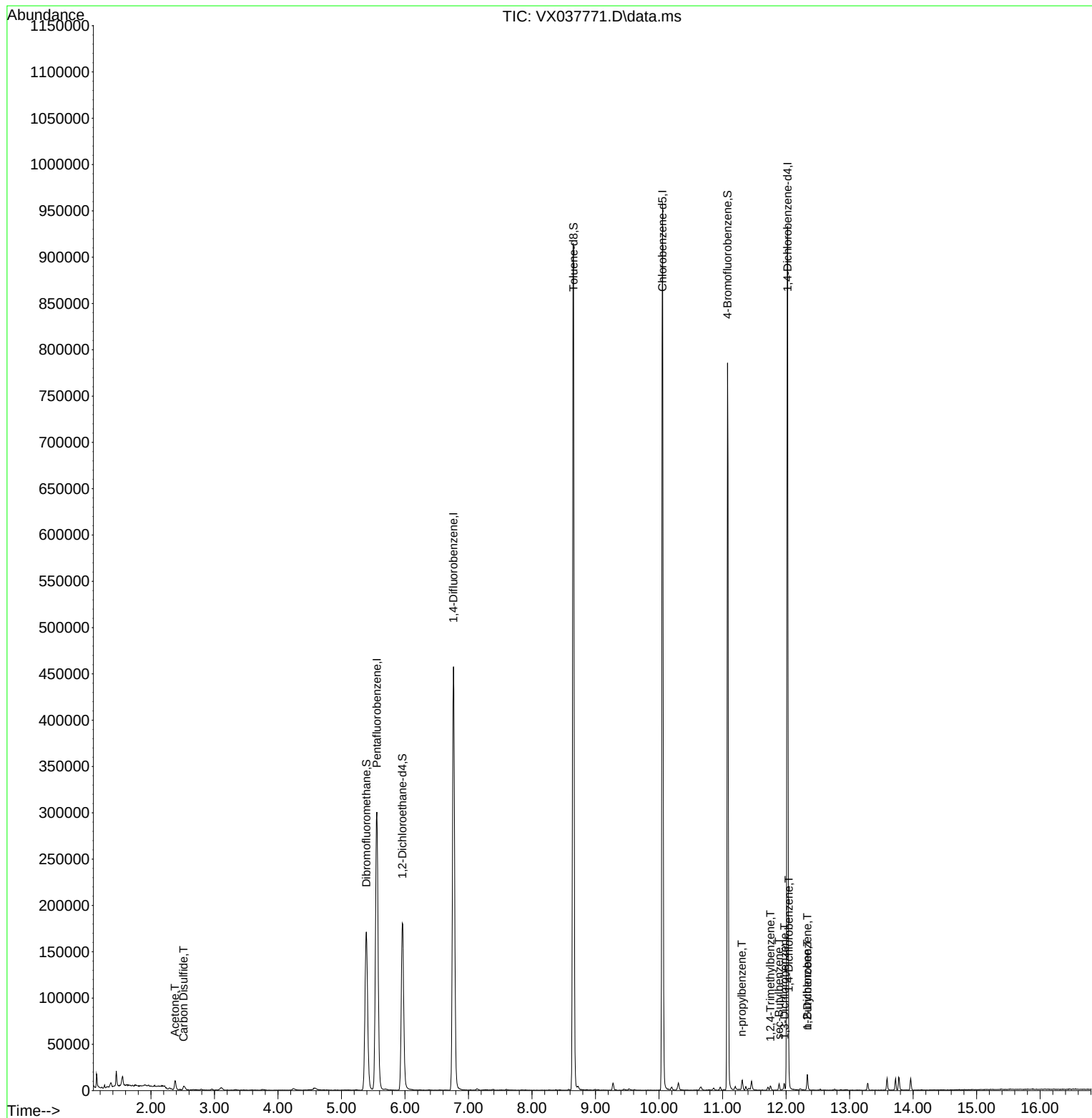
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
Data File : VX037771.D
Acq On : 18 Sep 2023 12:57
Operator : JC/MD
Sample : 04437-02
Misc : 5.0mL/MSVOA_X/WATER
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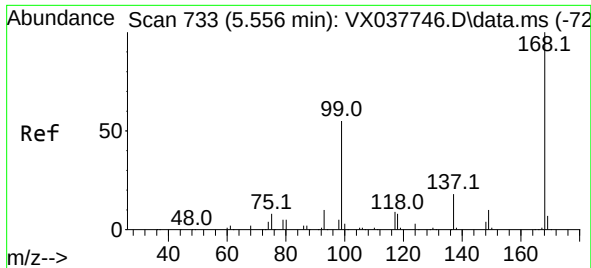
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-200-202

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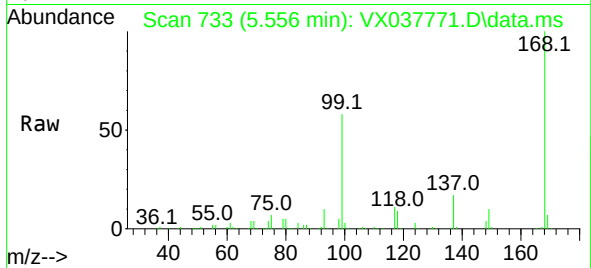
Quant Time: Sep 18 17:56:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

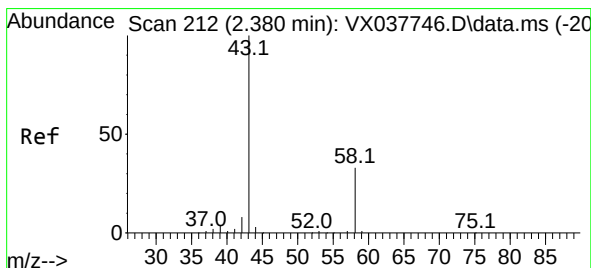
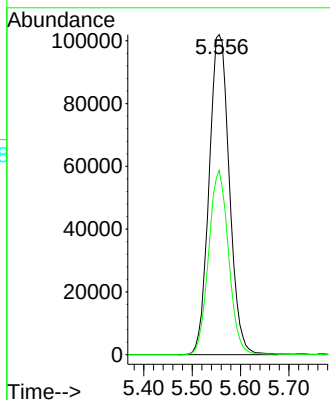
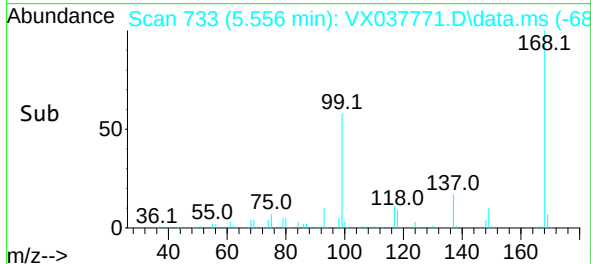
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-200-202



Tgt Ion:168 Resp: 296830
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0

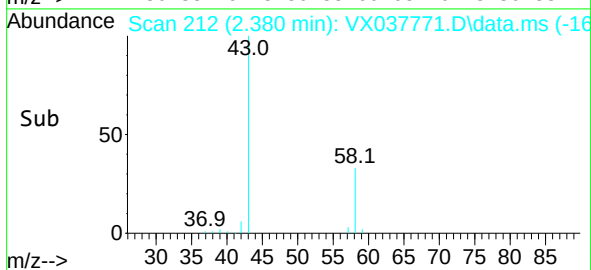
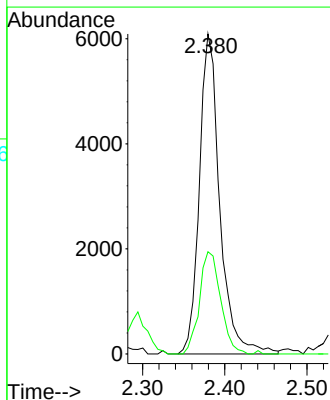
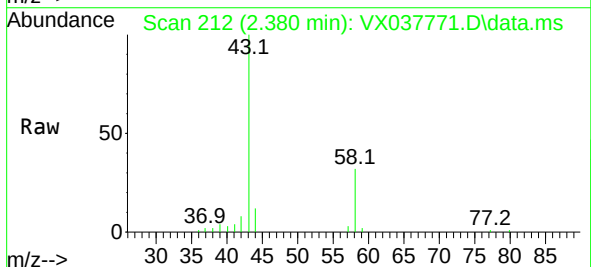
Manual Integrations
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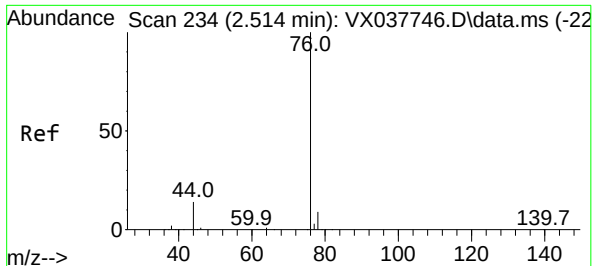
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#16
Acetone
Concen: 5.599 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

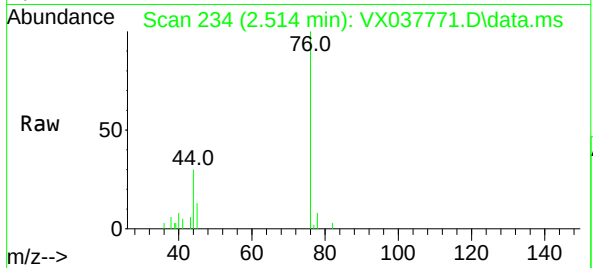
Tgt Ion: 43 Resp: 10505
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17
Carbon Disulfide
Concen: 0.574 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

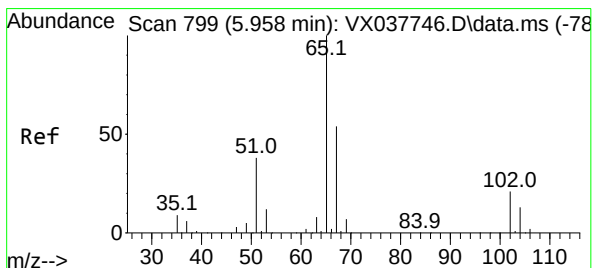
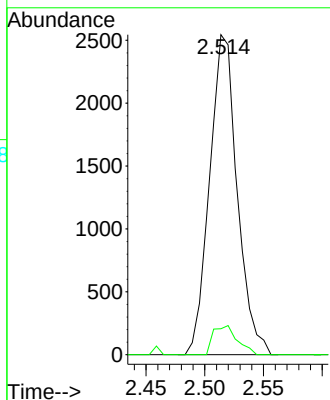
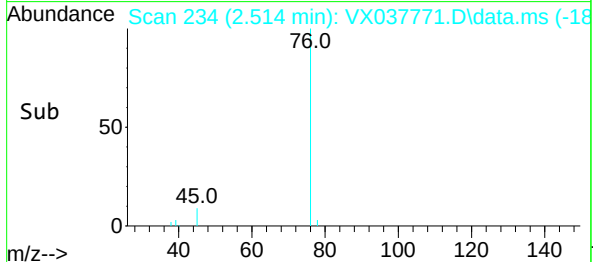
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-200-202



Tgt Ion: 76 Resp: 4168
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

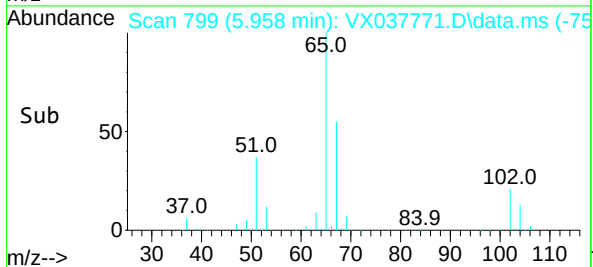
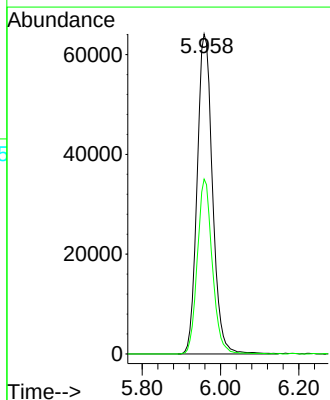
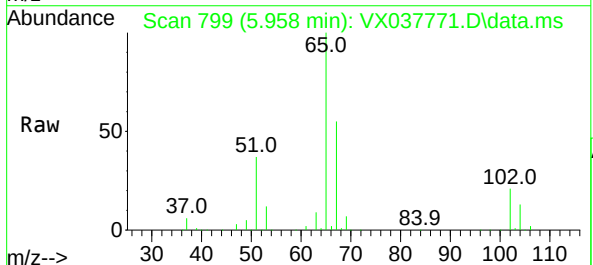
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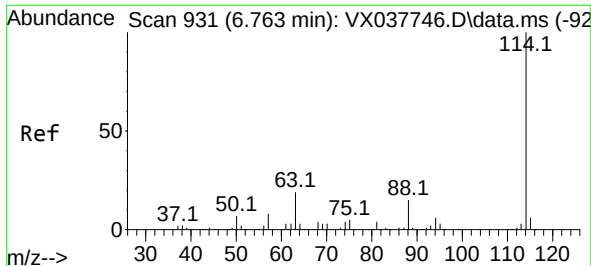
Reviewed By :John Carlone 09/19/2023
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#33
1,2-Dichloroethane-d4
Concen: 44.824 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

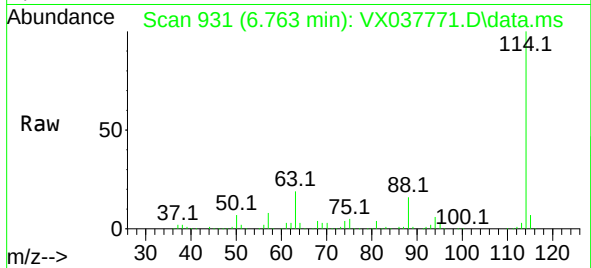
Tgt Ion: 65 Resp: 174814
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

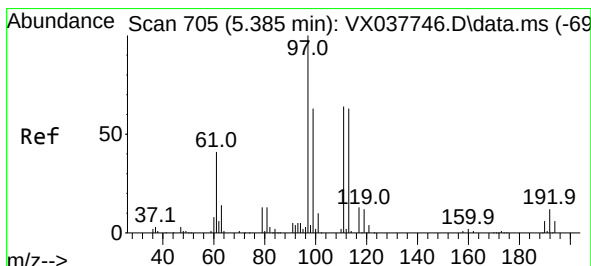
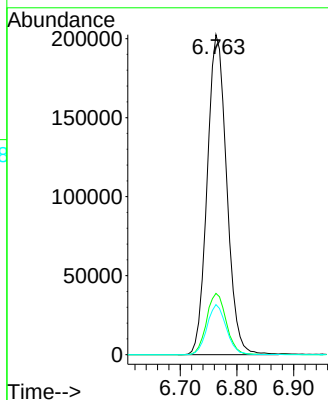
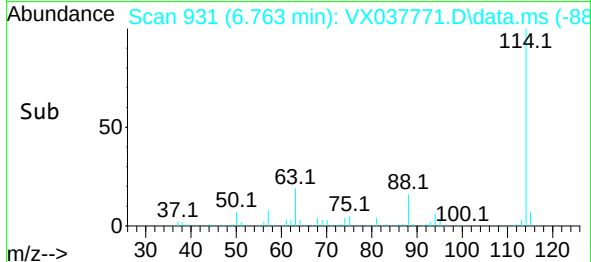
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-200-202



Tgt Ion:114 Resp: 483984
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.7 0.0 36.6

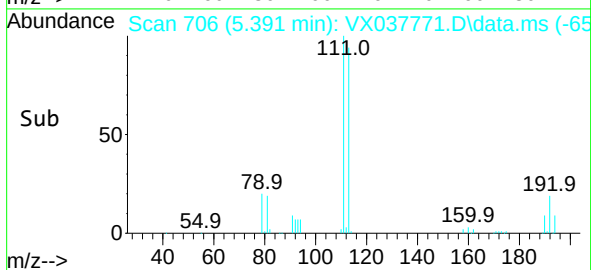
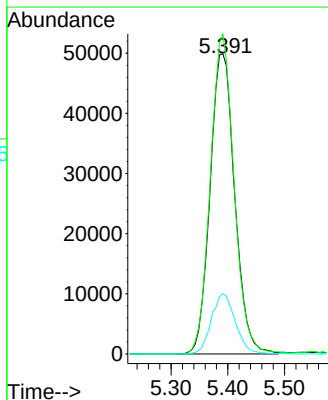
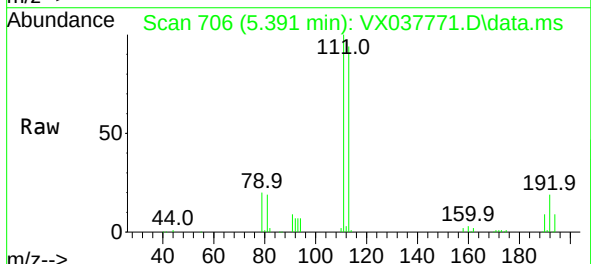
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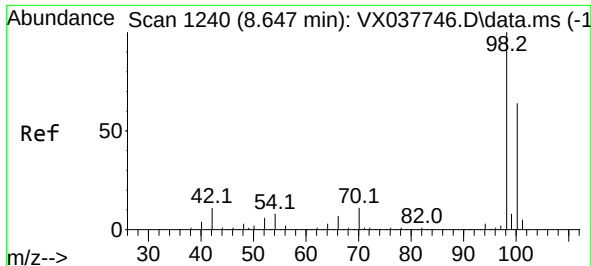
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#35
Dibromofluoromethane
Concen: 46.545 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

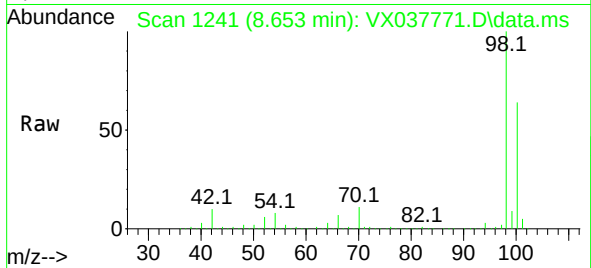
Tgt Ion:113 Resp: 150729
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.5 13.3 19.9





#50
Toluene-d8
Concen: 47.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

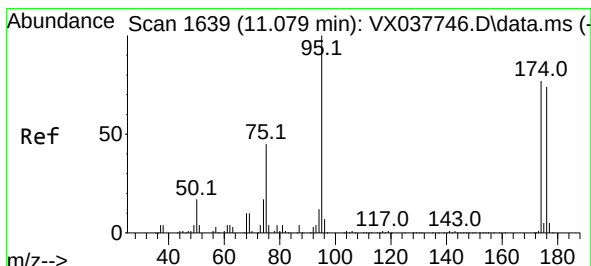
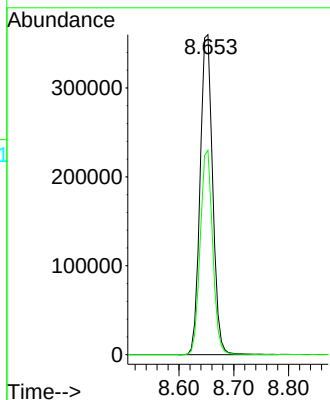
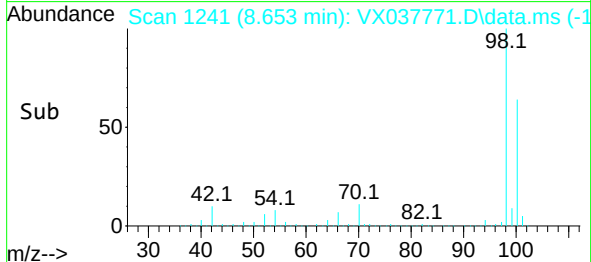
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-200-202



Tgt Ion: 98 Resp: 57354
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

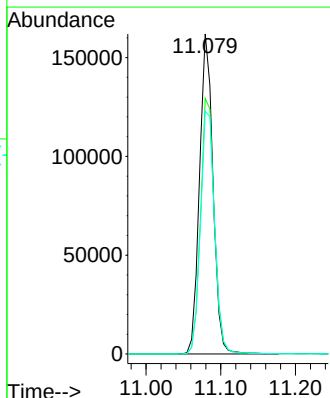
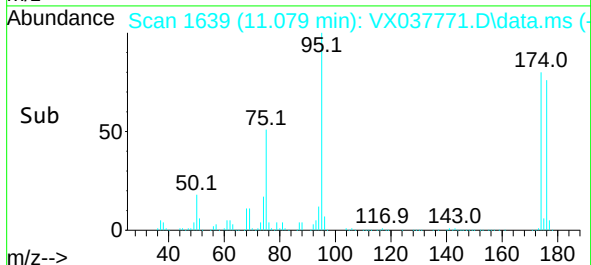
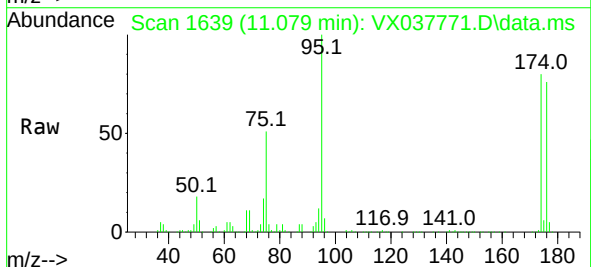
Manual Integrations
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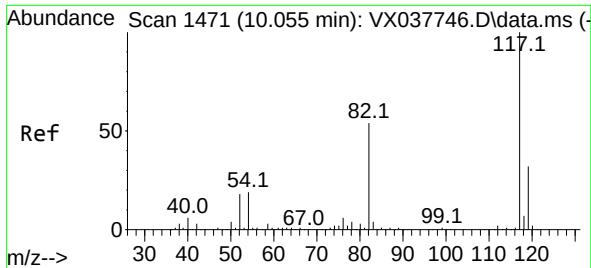
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#62
4-Bromofluorobenzene
Concen: 46.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

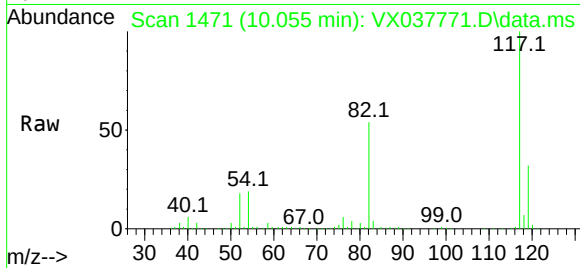
Tgt Ion: 95 Resp: 202554
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

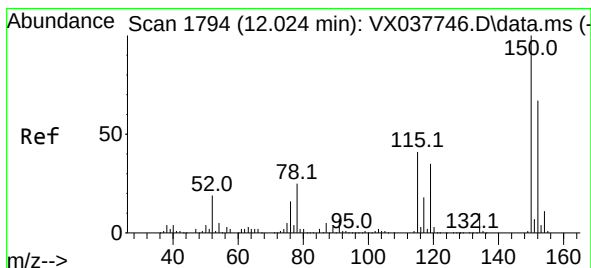
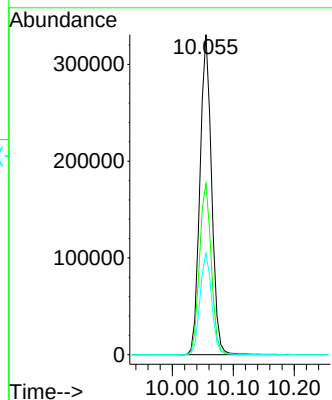
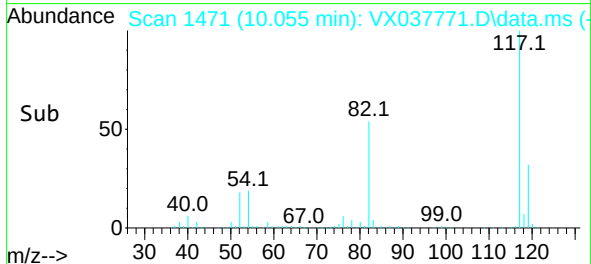
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-200-202



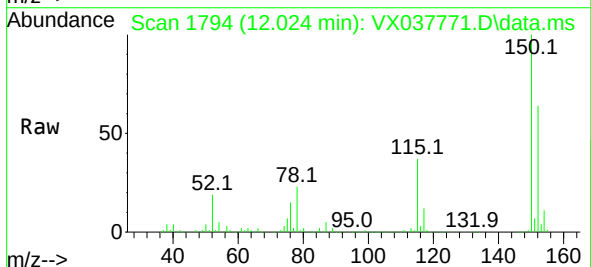
Tgt Ion:117 Resp: 438774
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 31.7 25.5 38.3

Manual Integrations
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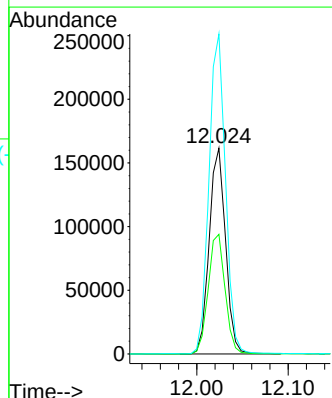
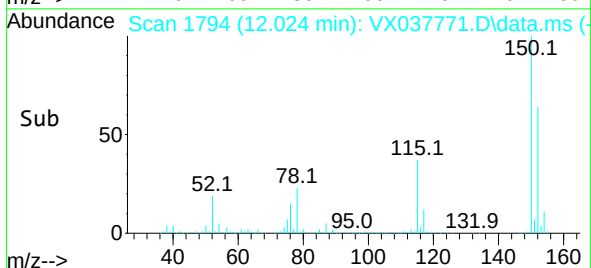
Reviewed By :John Carlone 09/19/2023
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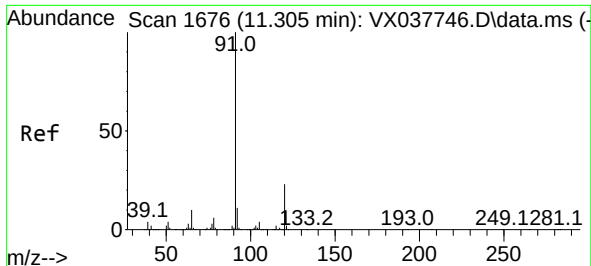


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57



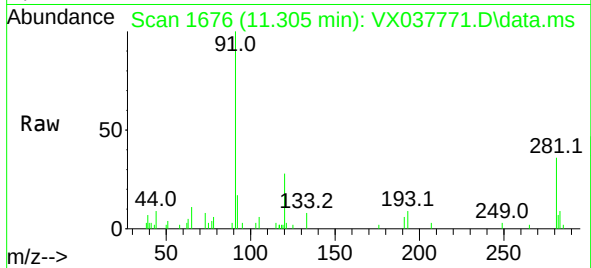
Tgt Ion:152 Resp: 200883
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 156.7 0.0 345.0





#78
n-propylbenzene
Concen: 0.266 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

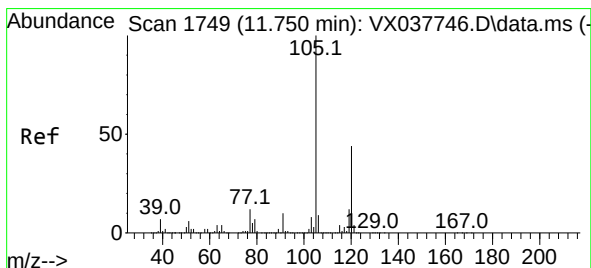
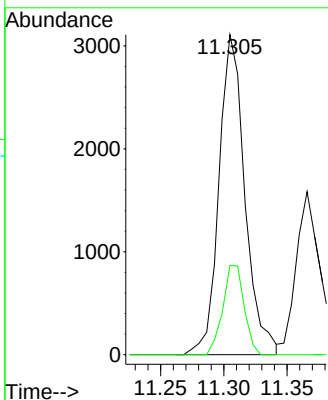
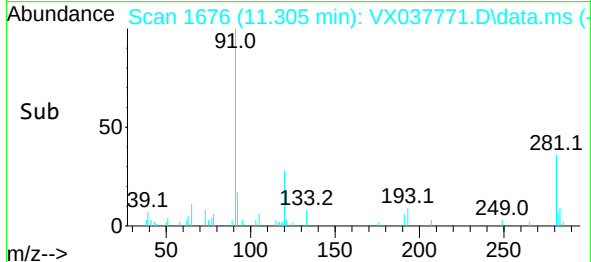
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BP-VPB-RW10A-GW-200-202



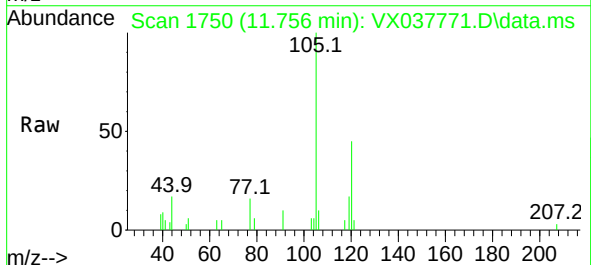
Tgt Ion: 91 Resp: 4429
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

Manual Integrations
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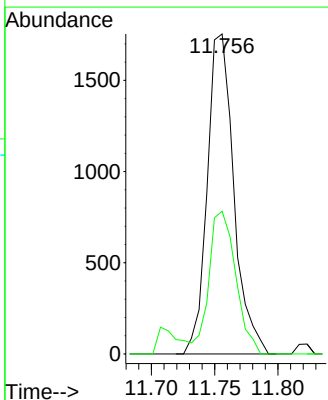
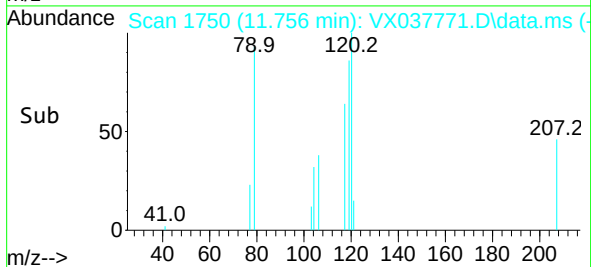
Reviewed By :John Carlone 09/19/2023
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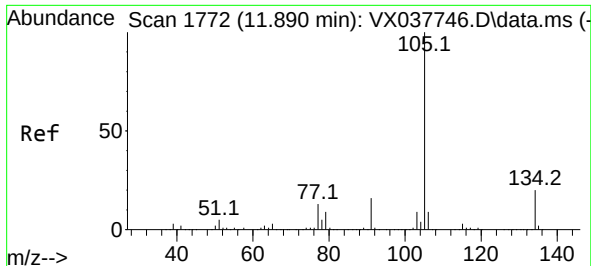


#84
1,2,4-Trimethylbenzene
Concen: 0.207 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57



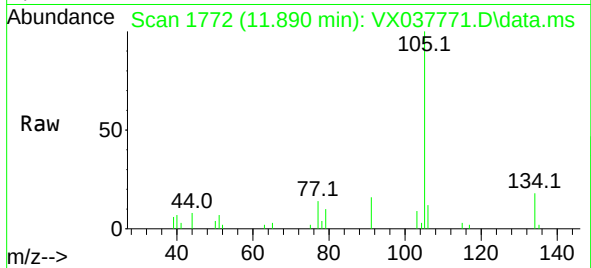
Tgt Ion:105 Resp: 2560
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.269 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037771.D
 Acq: 18 Sep 2023 12:57

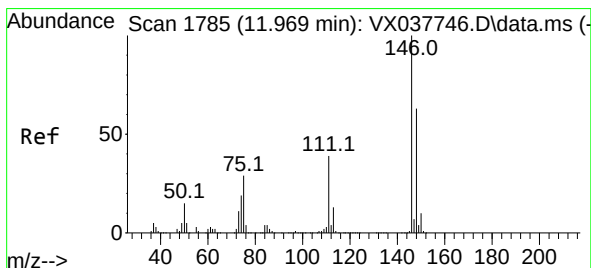
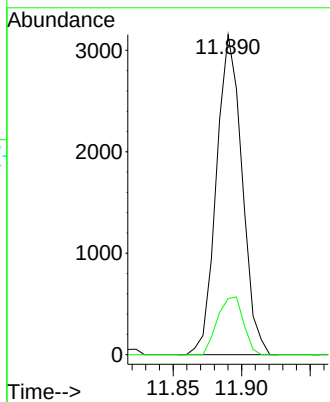
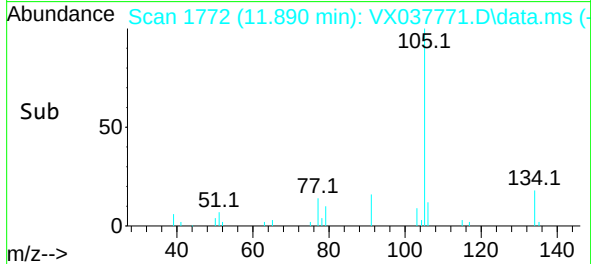
Instrument :
 MSVOA_X
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 BP-VPB-RW10A-GW-200-202



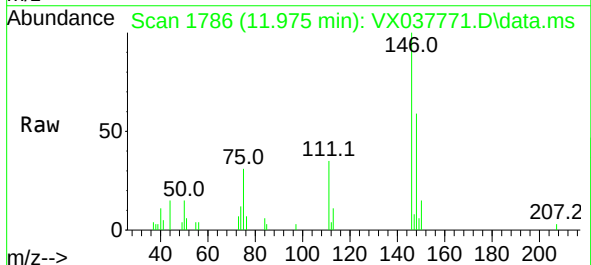
Tgt Ion:105 Resp: 4100
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4

Manual Integrations
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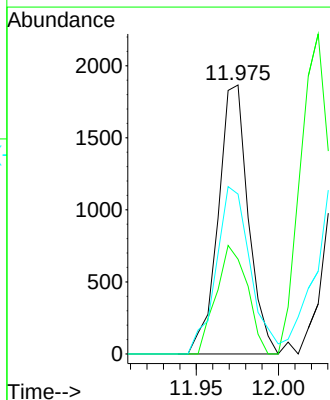
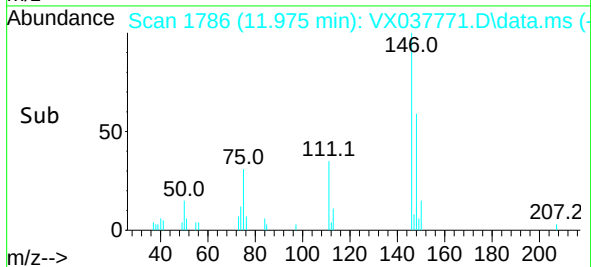
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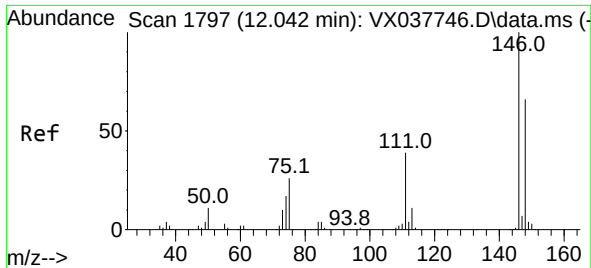


#87
 1,3-Dichlorobenzene
 Concen: 0.350 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX037771.D
 Acq: 18 Sep 2023 12:57



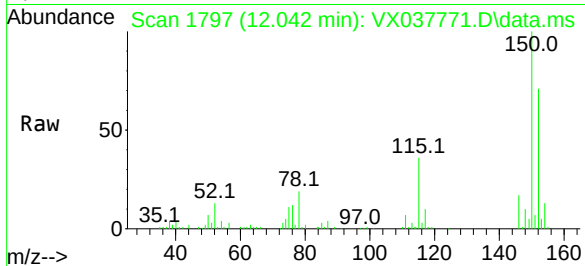
Tgt Ion:146 Resp: 2380
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.1 66.1
 148 70.7 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.437 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57

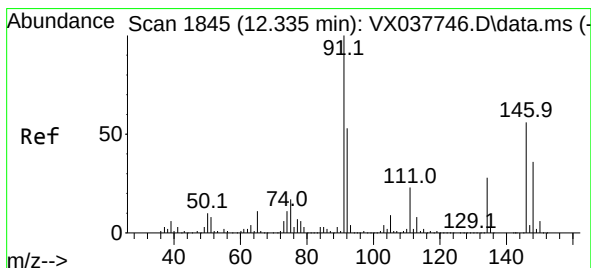
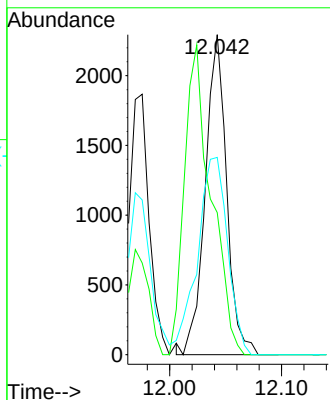
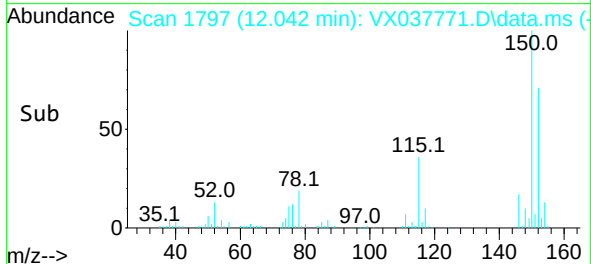
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-GW-200-202



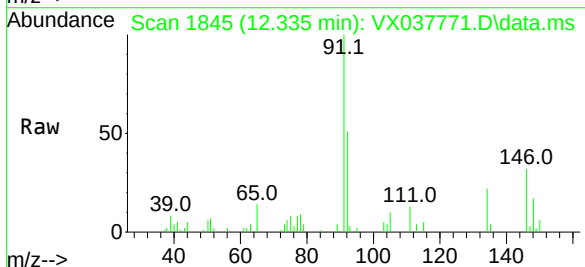
Tgt Ion:146 Resp: 304
Ion Ratio Lower Upper
146 100
111 32.6 21.3 63.7
148 55.3 31.8 95.4

Manual Integrations
APPROVED

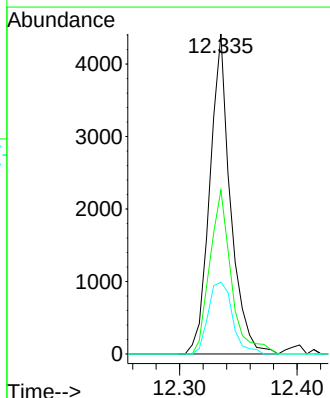
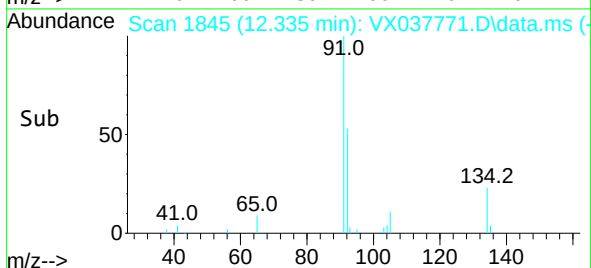
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

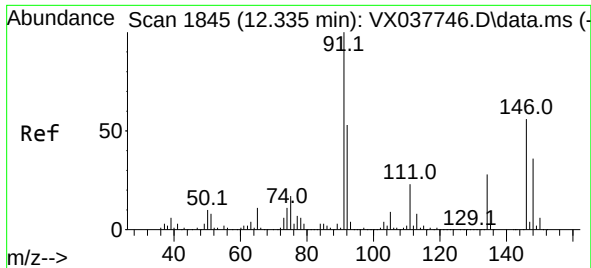


#89
n-Butylbenzene
Concen: 0.483 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037771.D
Acq: 18 Sep 2023 12:57



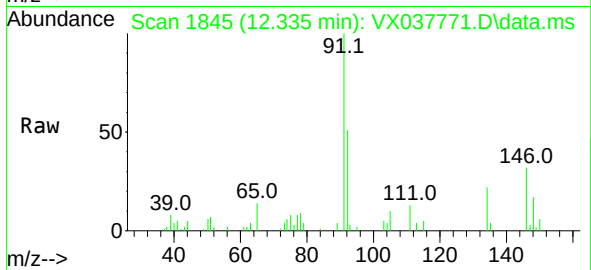
Tgt Ion: 91 Resp: 5379
Ion Ratio Lower Upper
91 100
92 53.3 27.4 82.0
134 26.4 12.6 37.8





#91
 1,2-Dichlorobenzene
 Concen: 0.257 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX037771.D
 Acq: 18 Sep 2023 12:57

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-RW10A-GW-200-202



Tgt Ion:	146	Resp:	178
Ion Ratio	Lower	Upper	
146	100		
111	47.2	22.4	67.0
148	59.8	31.6	95.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

