

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037772.D
 Acq On : 18 Sep 2023 13:21
 Operator : JC/MD
 Sample : 04437-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-TB-20230906

Quant Time: Sep 18 17:56:21 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	292132	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	488090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180968	47.150	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.391	113	152844	46.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.653	98	589503	48.580	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	217620	49.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.700%		
Target Compounds						
16) Acetone	2.379	43	2360	1.278	ug/l	97
20) Methylene Chloride	2.788	84	1871	0.523	ug/l #	83
87) 1,3-Dichlorobenzene	11.975	146	1888	0.248	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	2385m	0.306	ug/l	
89) n-Butylbenzene	12.335	91	4041	0.323	ug/l	93

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

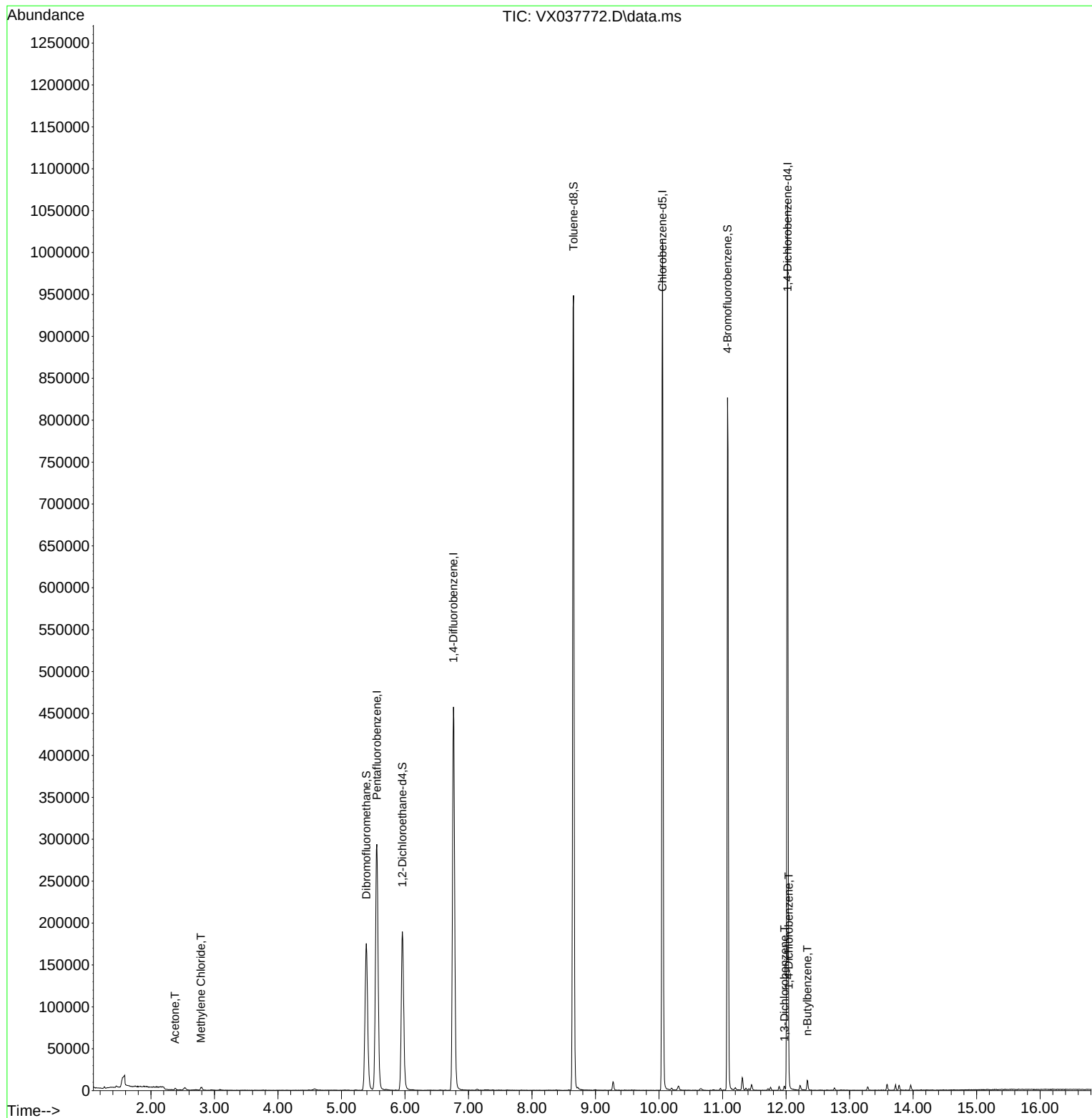
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
Data File : VX037772.D
Acq On : 18 Sep 2023 13:21
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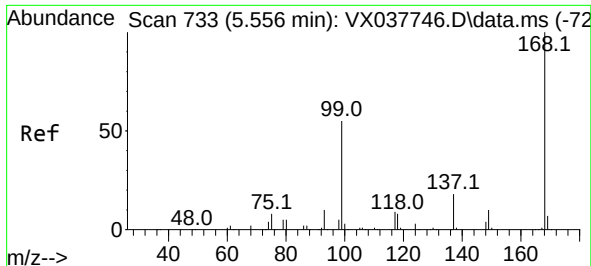
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230906

Quant Time: Sep 18 17:56:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
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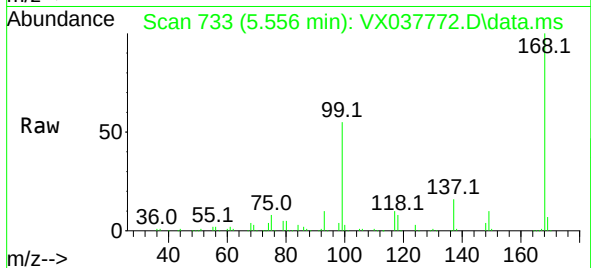
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

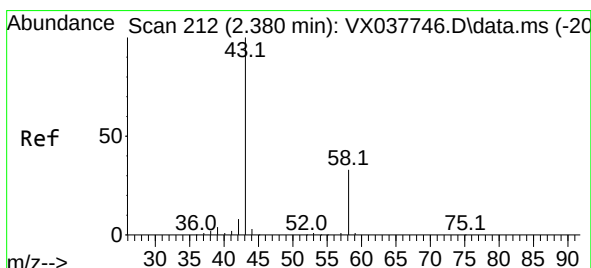
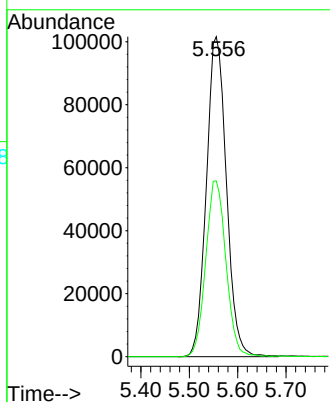
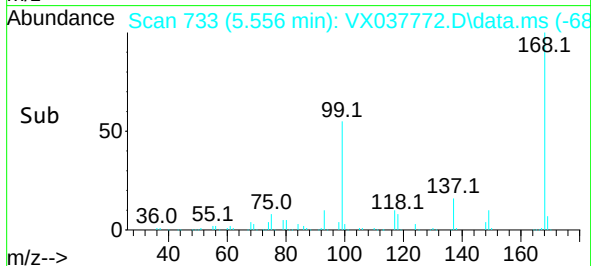
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230906



Tgt Ion:168 Resp: 29213
Ion Ratio Lower Upper
168 100
99 54.9 56.6 85.0

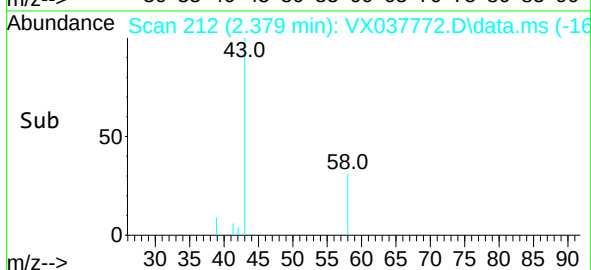
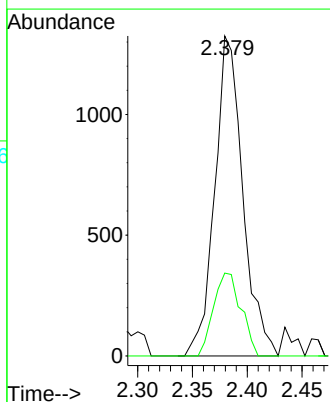
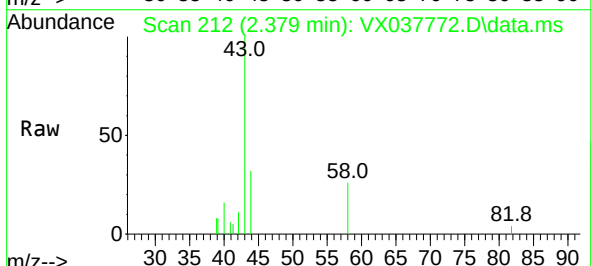
Manual Integrations
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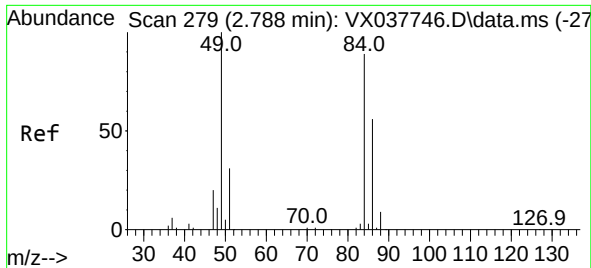
Reviewed By :John Carlone 09/19/2023
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#16
Acetone
Concen: 1.278 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

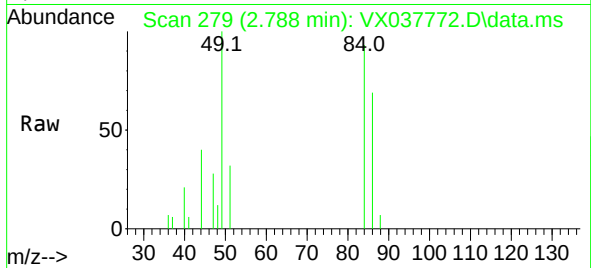
Tgt Ion: 43 Resp: 2360
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9





#20
Methylene Chloride
Concen: 0.523 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

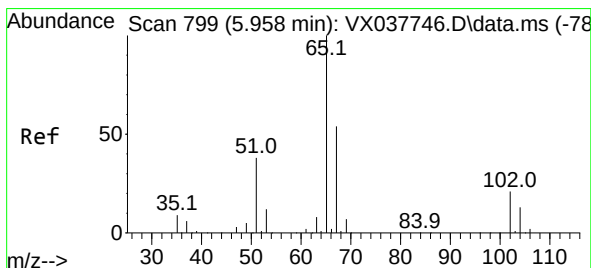
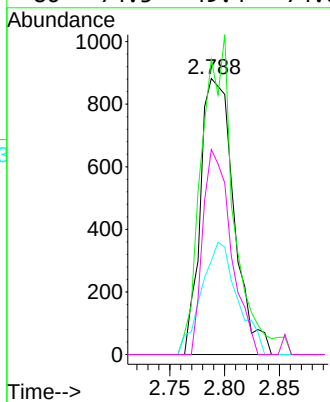
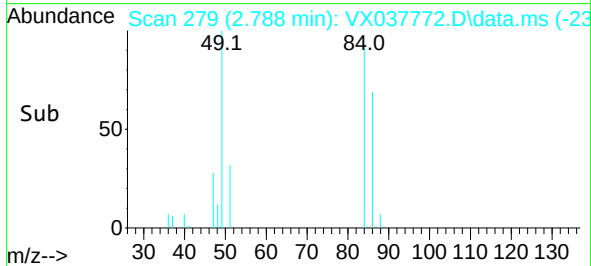
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230906



Tgt Ion: 84 Resp: 187
Ion Ratio Lower Upper
84 100
49 107.0 103.6 155.4
51 33.9 33.8 50.6
86 74.3 49.4 74.0#

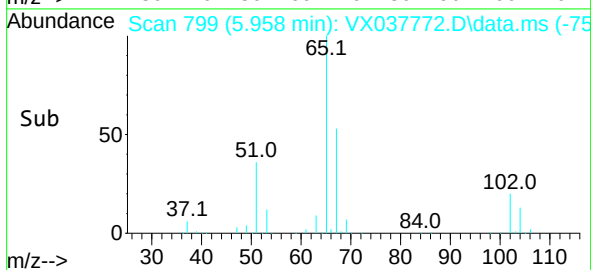
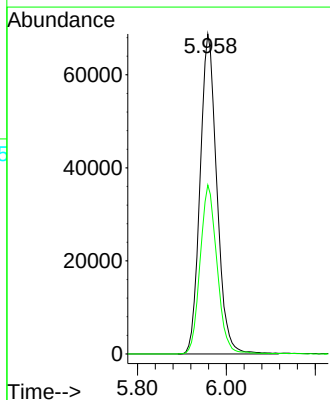
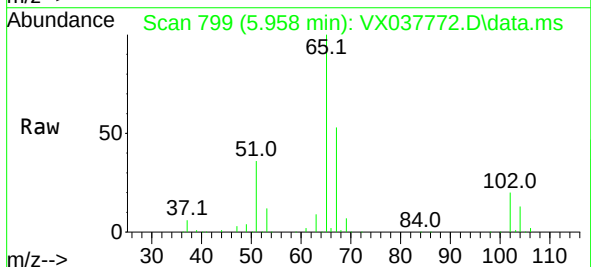
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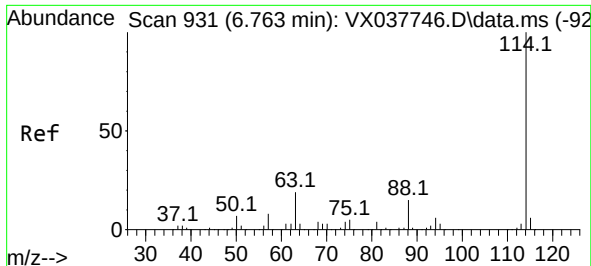
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#33
1,2-Dichloroethane-d4
Concen: 47.150 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

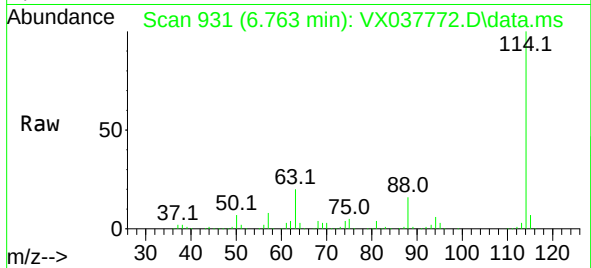
Tgt Ion: 65 Resp: 180968
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

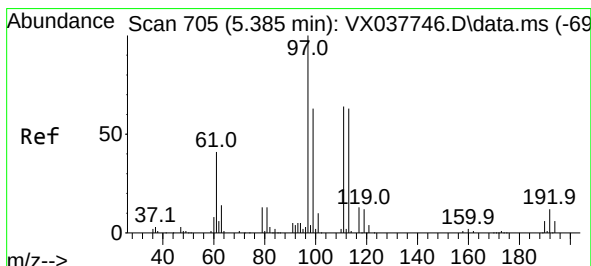
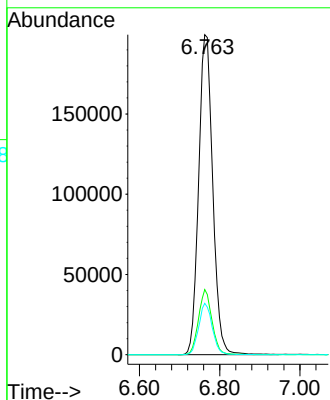
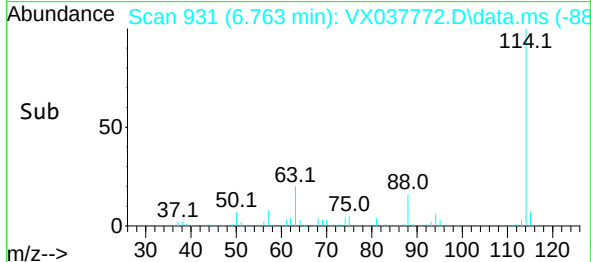
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230906



Tgt Ion:114 Resp: 488090
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.1 0.0 36.6

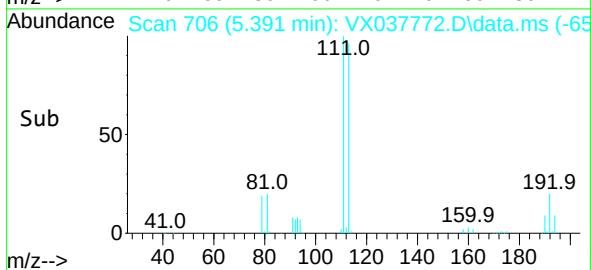
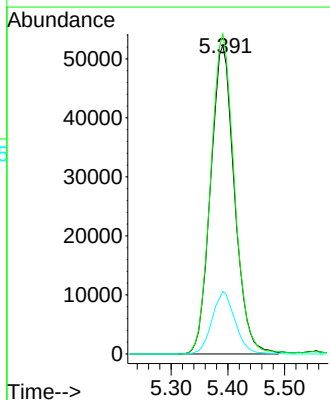
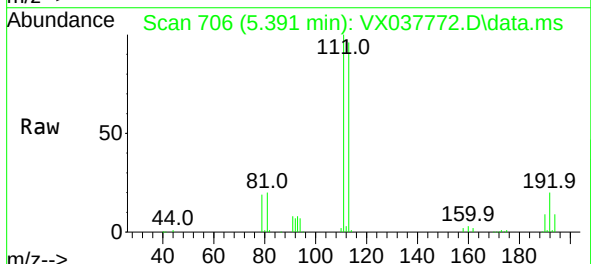
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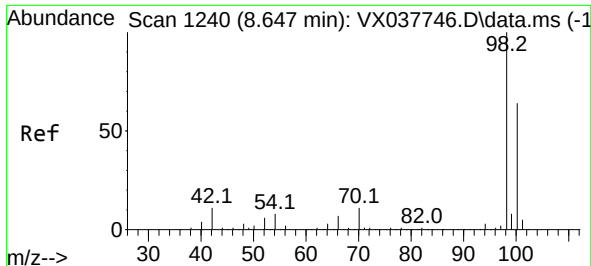
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#35
Dibromofluoromethane
Concen: 46.801 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

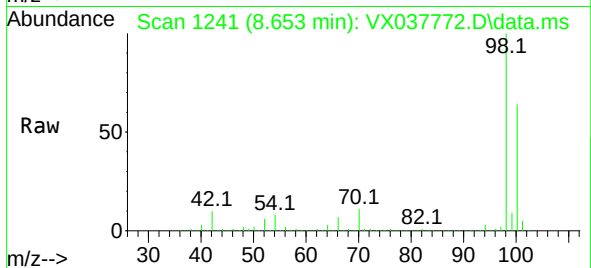
Tgt Ion:113 Resp: 152844
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.5 13.3 19.9





#50
Toluene-d8
Concen: 48.580 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

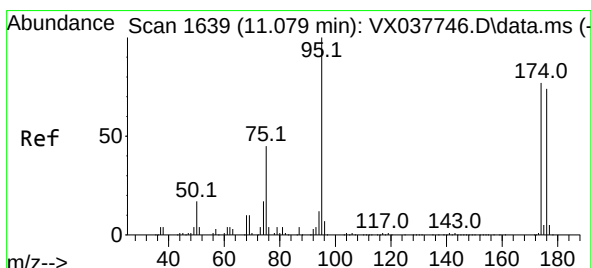
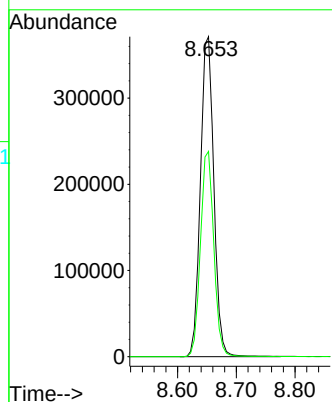
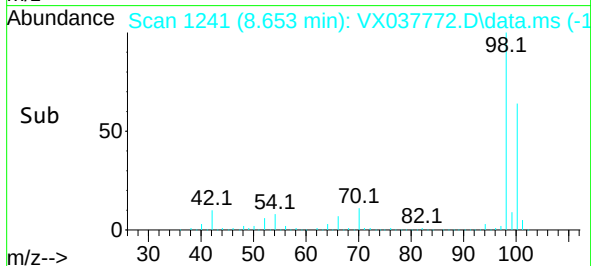
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230906



Tgt Ion: 98 Resp: 58950
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

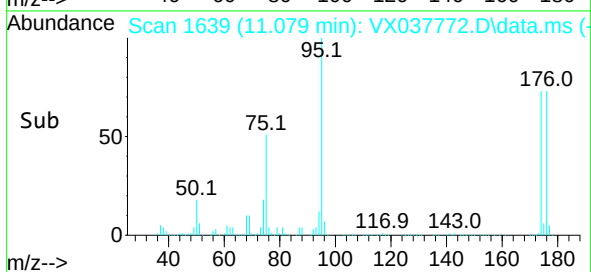
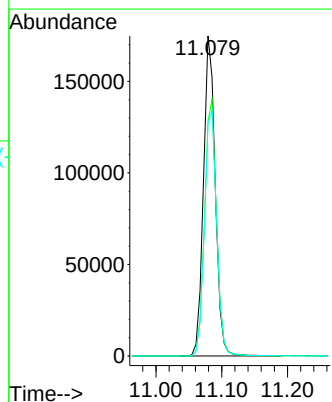
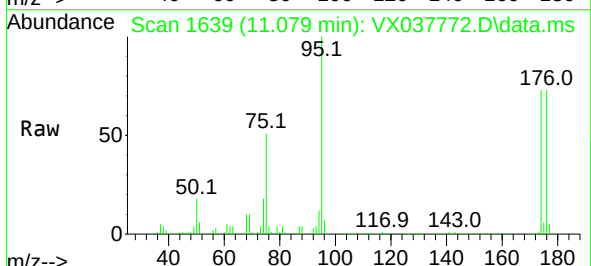
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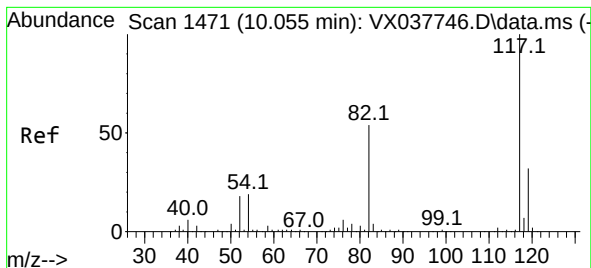
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#62
4-Bromofluorobenzene
Concen: 49.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

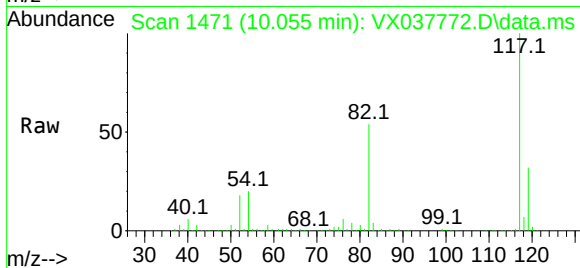
Tgt Ion: 95 Resp: 217620
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 79.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

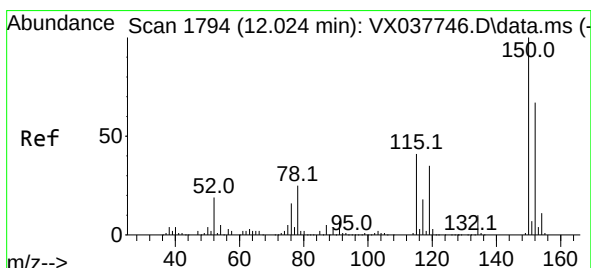
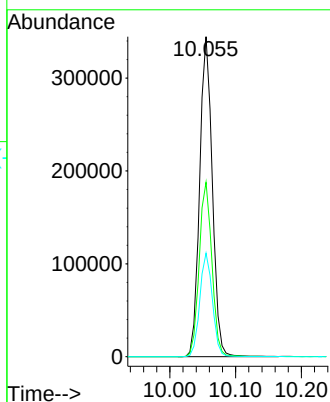
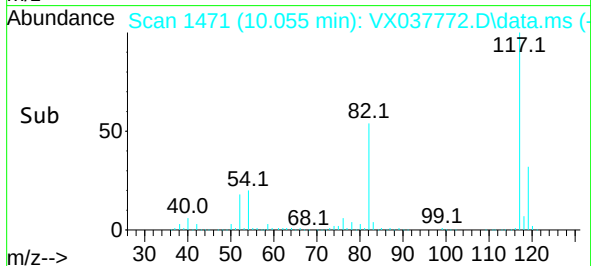
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-TB-20230906



Tgt Ion:117 Resp: 461132
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.3 25.5 38.3

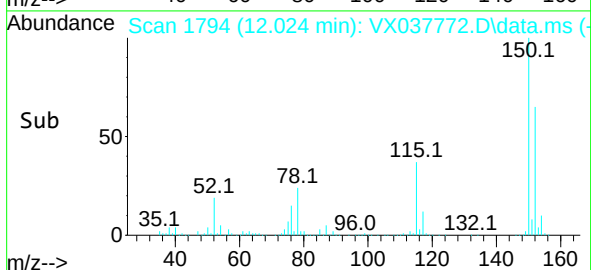
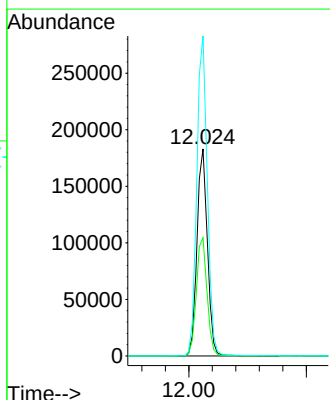
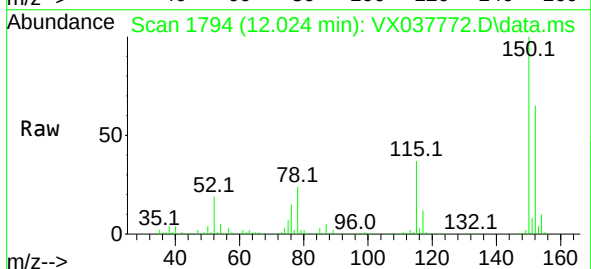
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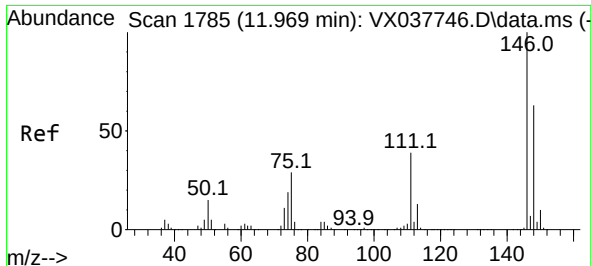
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037772.D
Acq: 18 Sep 2023 13:21

Tgt Ion:152 Resp: 225344
Ion Ratio Lower Upper
152 100
115 58.6 43.3 129.9
150 155.7 0.0 345.0





#87

1,3-Dichlorobenzene

Concen: 0.248 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037772.D

Acq: 18 Sep 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-TB-20230906

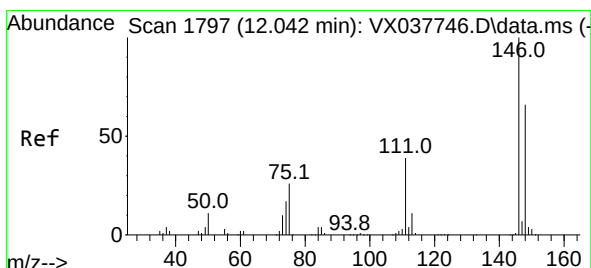
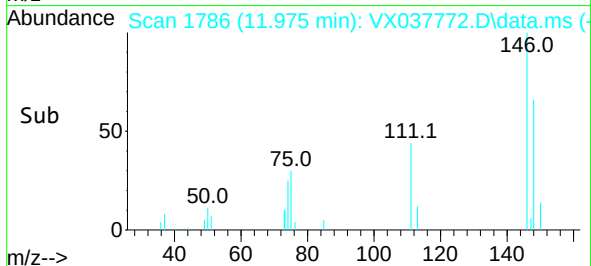
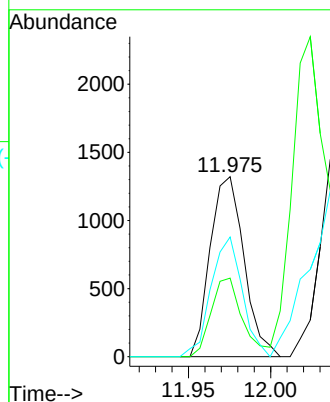
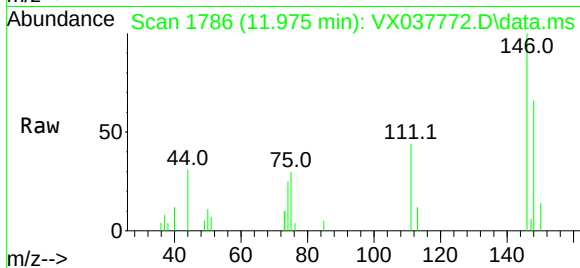
Tgt Ion:146	Resp:	188
Ion	Ratio	Lower Upper
146	100	
111	40.9	22.1 66.1
148	61.3	31.8 95.3

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 0.306 ug/l m

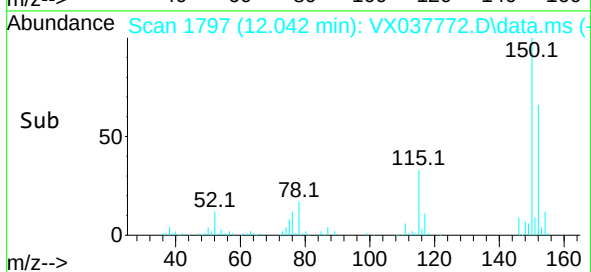
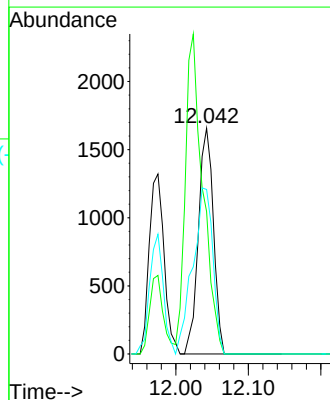
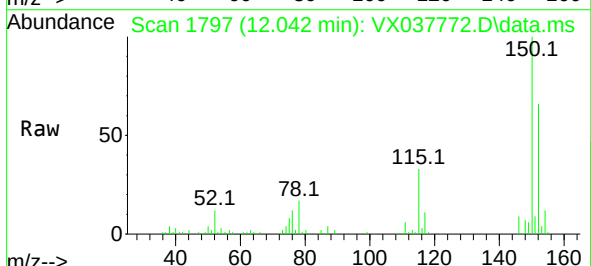
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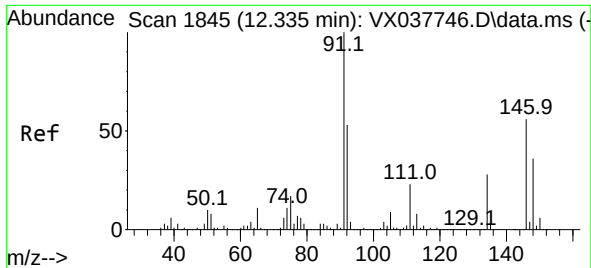
Delta R.T. -0.000 min

Lab File: VX037772.D

Acq: 18 Sep 2023 13:21

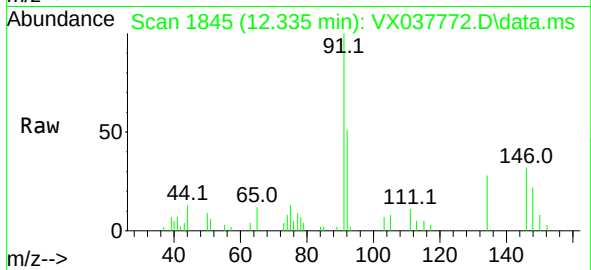
Tgt Ion:146	Resp:	2385
Ion	Ratio	Lower Upper
146	100	
111	32.4	21.3 63.7
148	48.5	31.8 95.4





#89
 n-Butylbenzene
 Concen: 0.323 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037772.D
 Acq: 18 Sep 2023 13:21

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-RW10A-TB-20230906



Tgt Ion: 91 Resp: 404

Ion	Ratio	Lower	Upper
91	100		
92	48.0	27.4	82.0
134	26.3	12.6	37.8

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