

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038982.D
 Acq On : 21 Nov 2023 14:18
 Operator : JC/MD
 Sample : 05431-06DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20231113DL

Quant Time: Nov 22 03:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82439	51.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.540%			
35) Dibromofluoromethane	5.385	113	66656	44.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.460%			
50) Toluene-d8	8.647	98	262885	45.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.180%#			
62) 4-Bromofluorobenzene	11.079	95	112166	48.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.180%			
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	2172	1.408	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	12931	8.084	ug/l	84
44) Trichloroethene	7.123	130	51085	32.849	ug/l	93

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

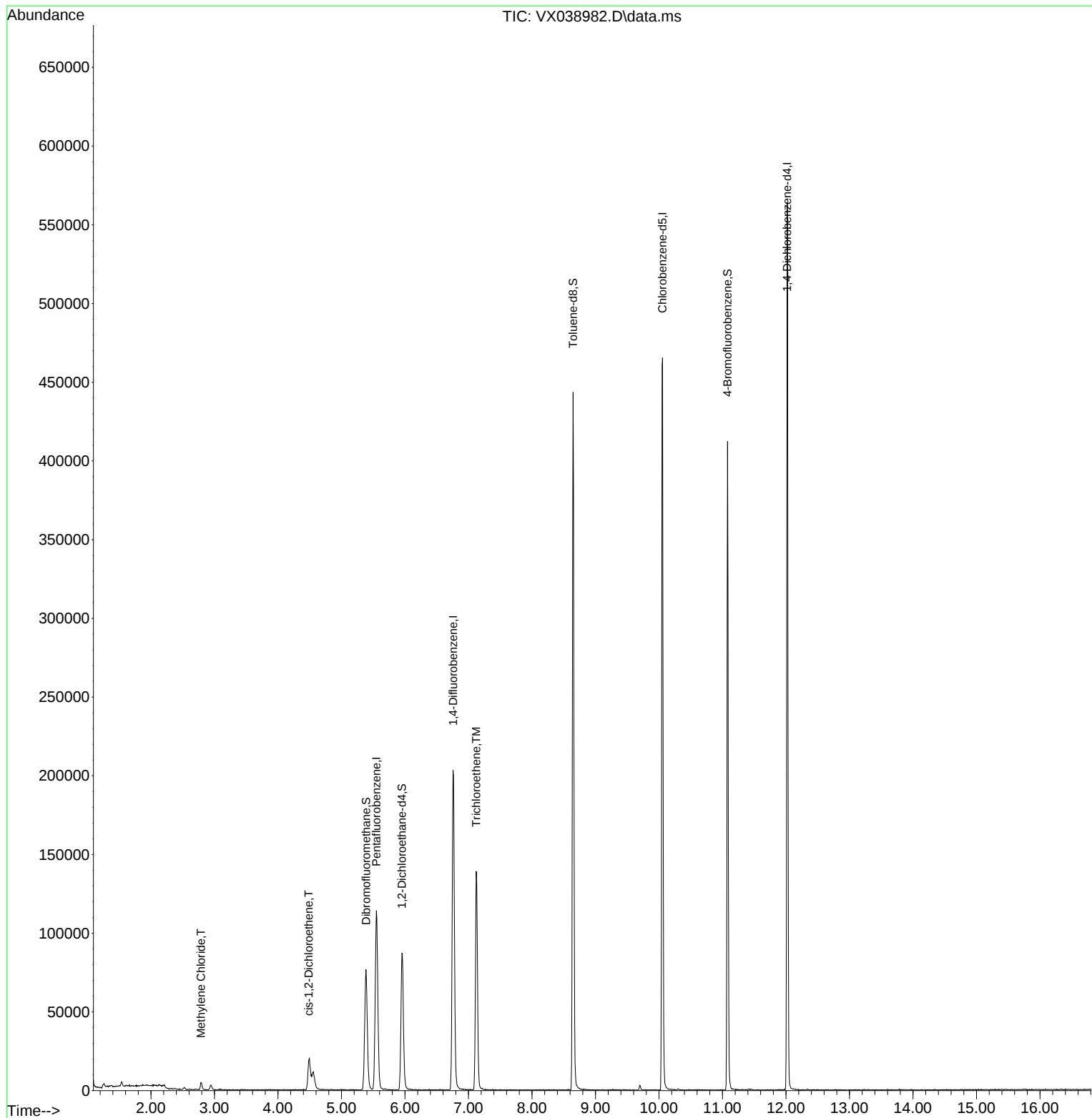
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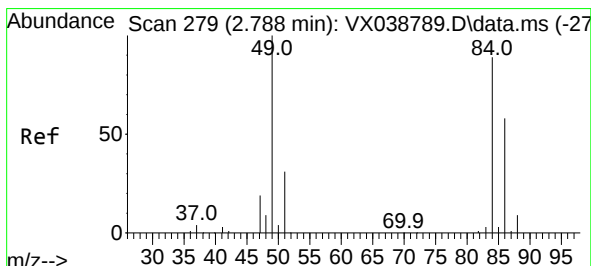
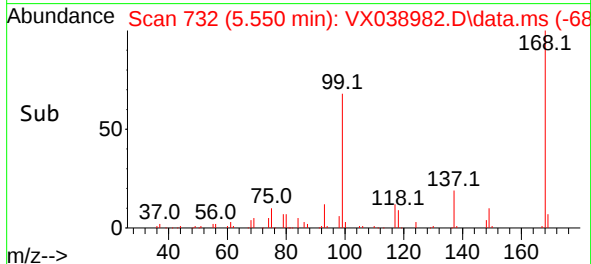
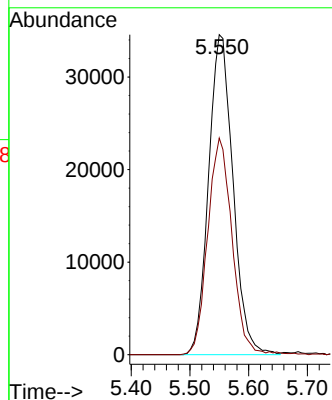
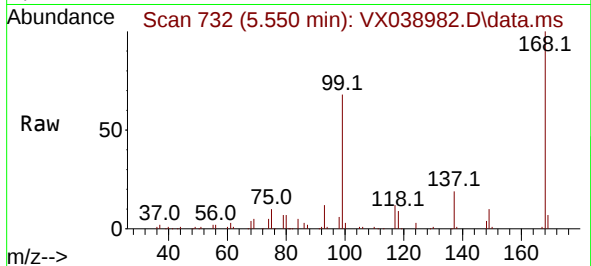
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :
45BR-20231113DL

Tgt Ion:168 Resp: 9978
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0

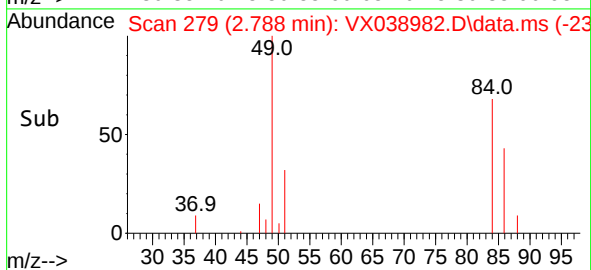
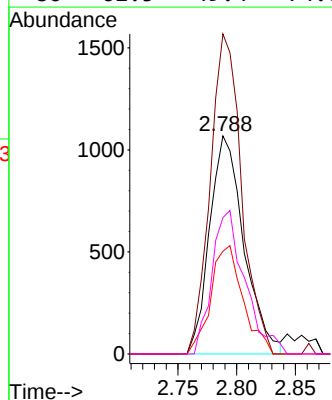
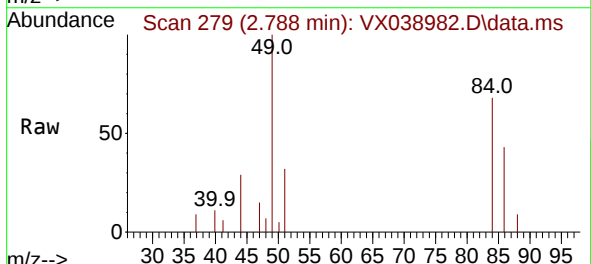
Manual Integrations
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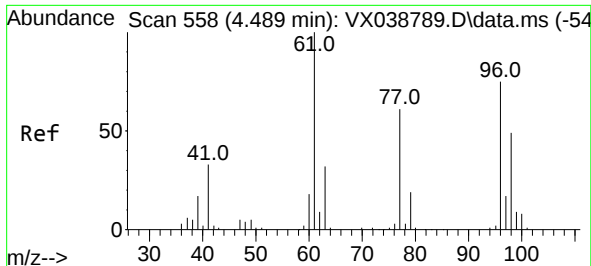
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 1.408 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18

Tgt Ion: 84 Resp: 2172
Ion Ratio Lower Upper
84 100
49 146.7 103.6 155.4
51 47.1 33.8 50.6
86 62.5 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 8.084 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038982.D

Acq: 21 Nov 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :

45BR-20231113DL

Tgt Ion: 96 Resp: 1293

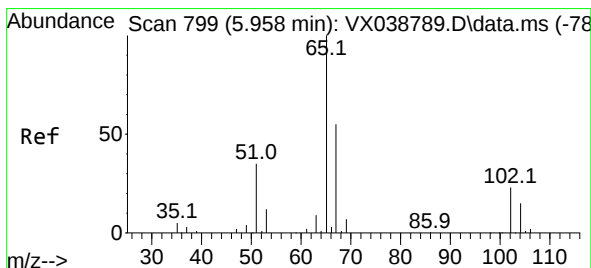
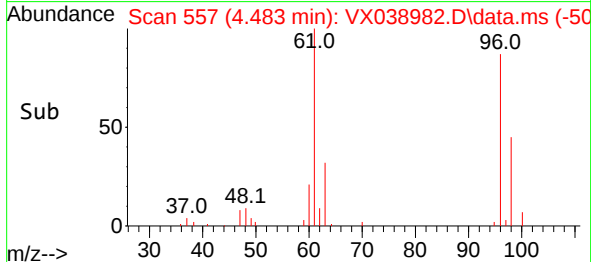
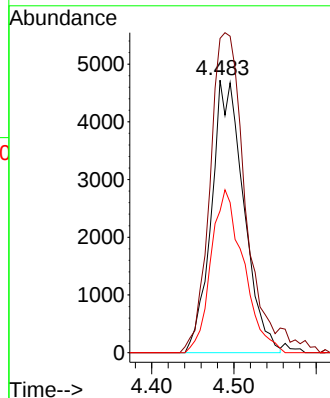
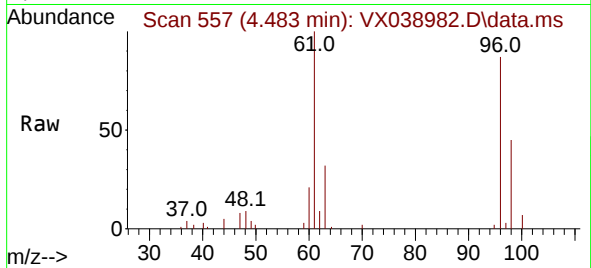
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	312.2
98	60.0	0.0	129.0

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#33

1,2-Dichloroethane-d4

Concen: 51.273 ug/l

RT: 5.952 min Scan# 798

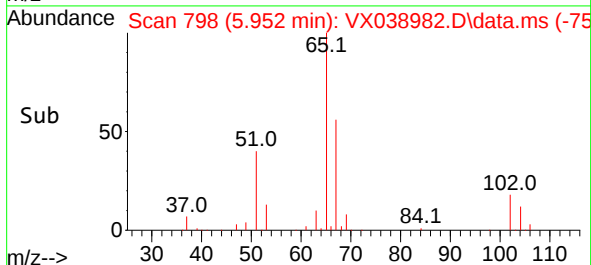
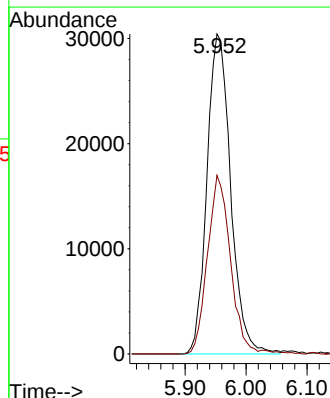
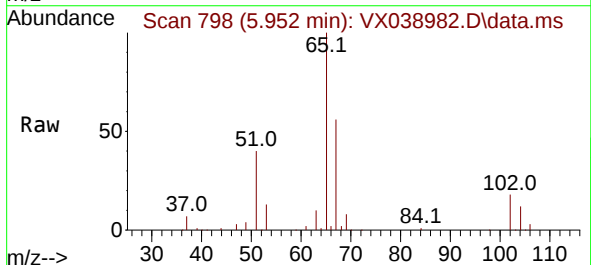
Delta R.T. -0.006 min

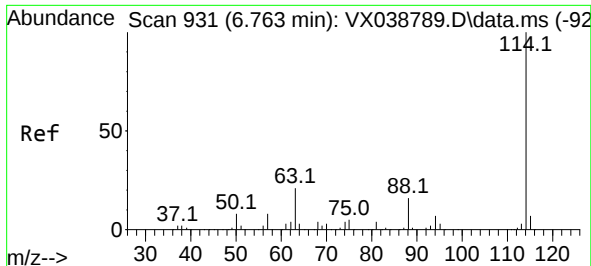
Lab File: VX038982.D

Acq: 21 Nov 2023 14:18

Tgt Ion: 65 Resp: 82439

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	100.2





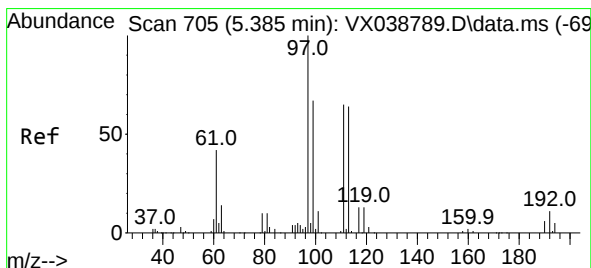
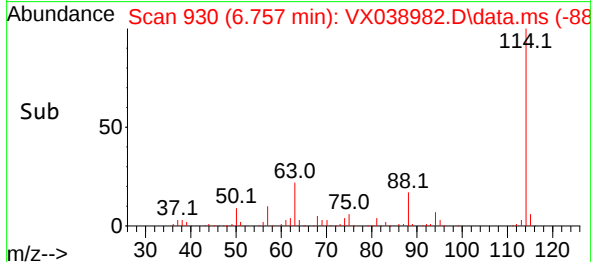
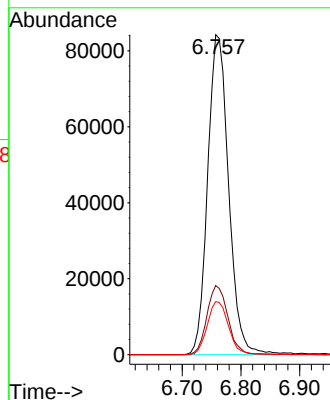
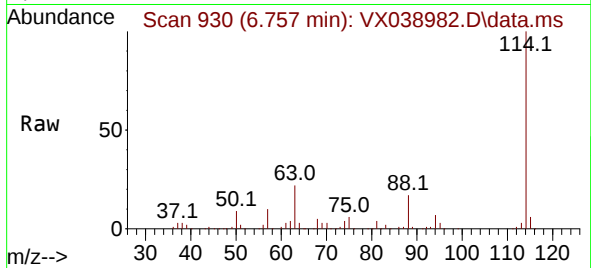
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :
45BR-20231113DL

Tgt Ion:114 Resp: 20868
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.6 0.0 36.6

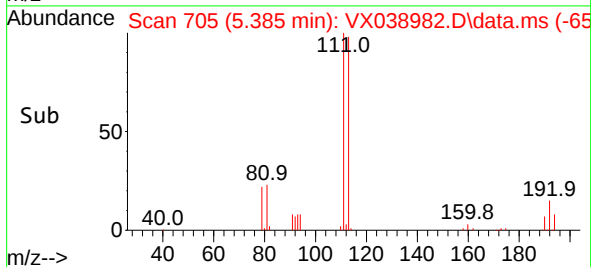
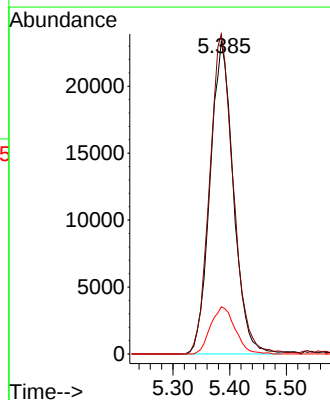
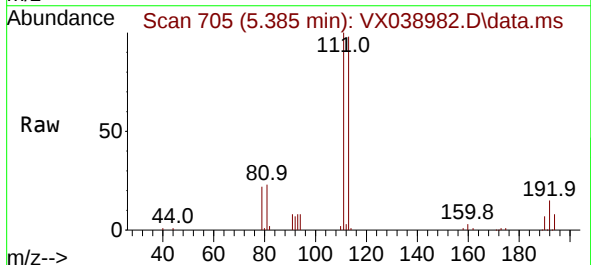
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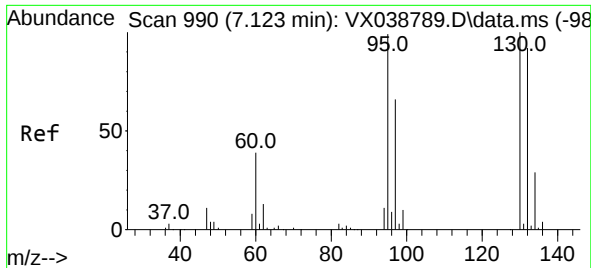
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#35
Dibromofluoromethane
Concen: 44.225 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18

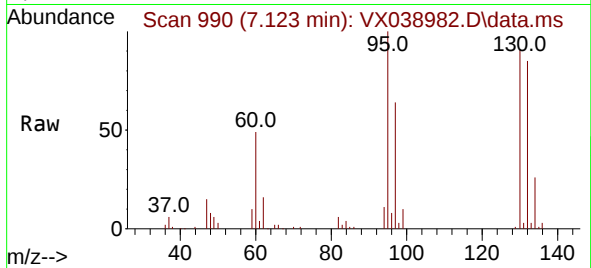
Tgt Ion:113 Resp: 66656
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.8 13.3 19.9





#44
Trichloroethene
Concen: 32.849 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18

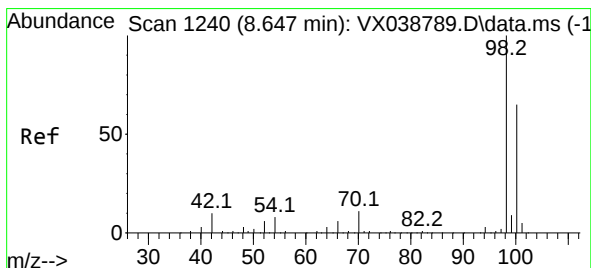
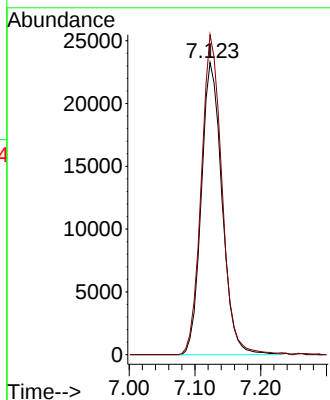
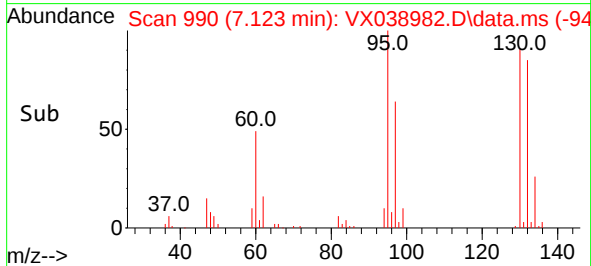
Instrument :
MSVOA_X
ClientSampleId :
45BR-20231113DL



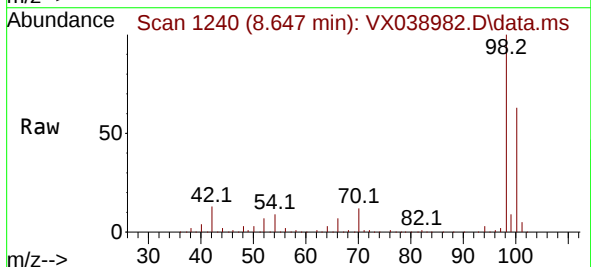
Tgt Ion:130 Resp: 51085
Ion Ratio Lower Upper
130 100
95 109.5 0.0 204.4

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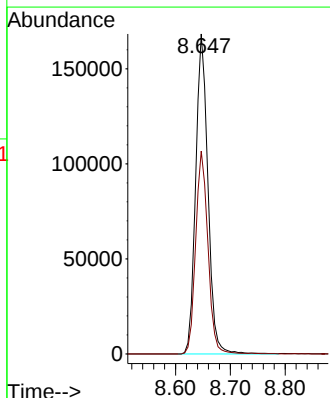
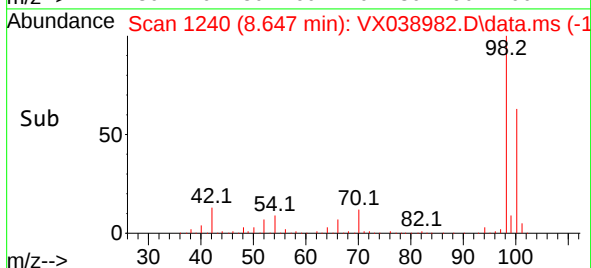
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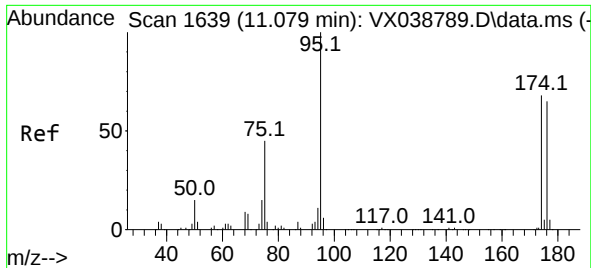


#50
Toluene-d8
Concen: 45.588 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18



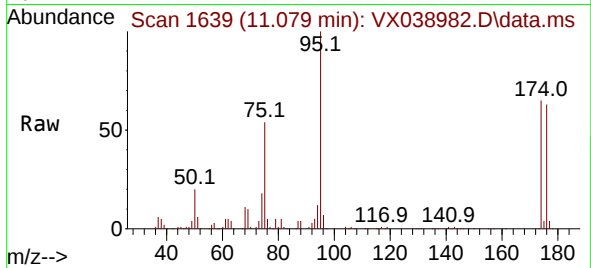
Tgt Ion: 98 Resp: 262885
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 48.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18

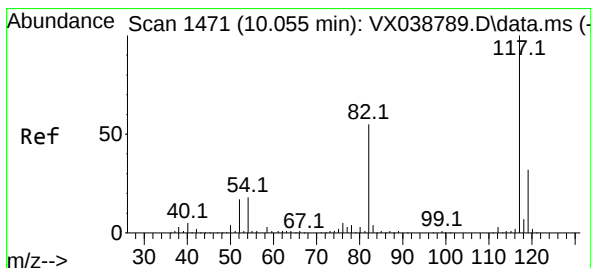
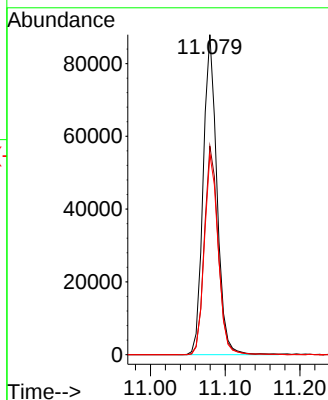
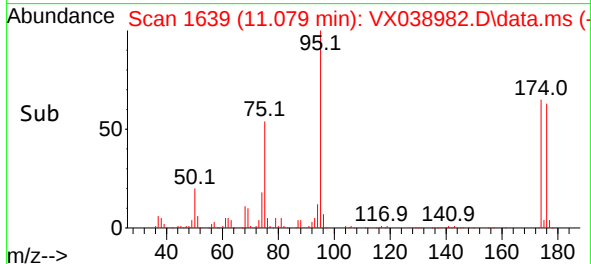
Instrument :
MSVOA_X
ClientSampleId :
45BR-20231113DL



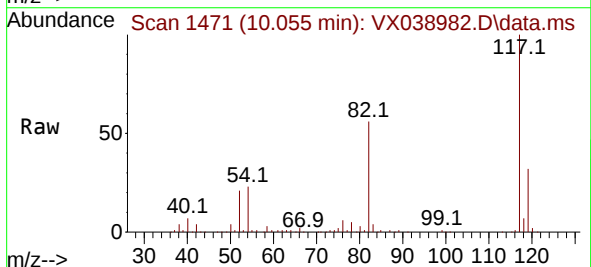
Tgt Ion: 95 Resp: 112160
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.0 0.0 131.0

Manual Integrations
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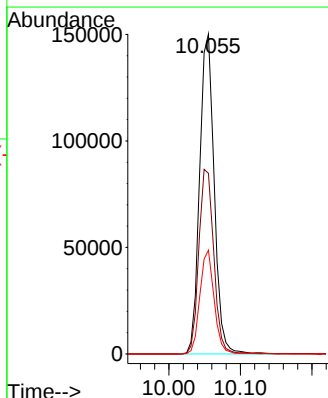
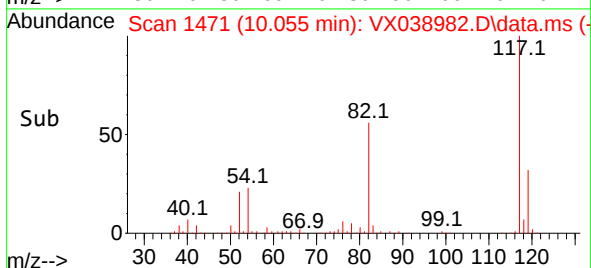
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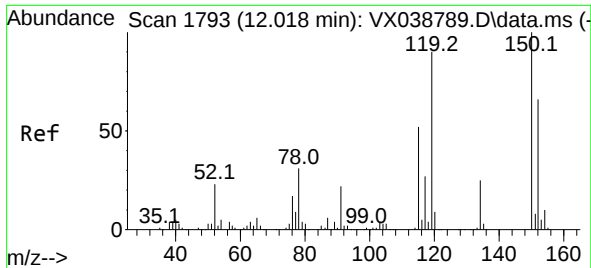


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038982.D
Acq: 21 Nov 2023 14:18



Tgt Ion:117 Resp: 213083
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038982.D

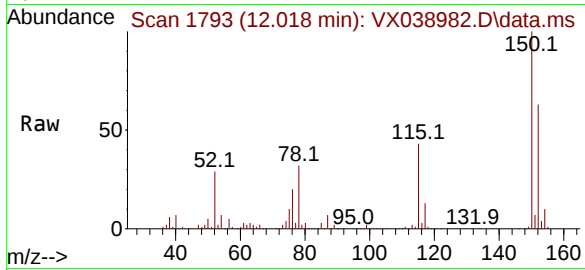
Acq: 21 Nov 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :

45BR-20231113DL



Tgt Ion:152 Resp: 106580

Ion Ratio Lower Upper

152 100

115 66.2 43.3 129.9

150 158.7 0.0 345.0

Manual Integrations

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