

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030821.D
 Acq On : 26 Aug 2022 13:53
 Operator : JC/MD
 Sample : N4245-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20220817

Quant Time: Aug 27 02:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

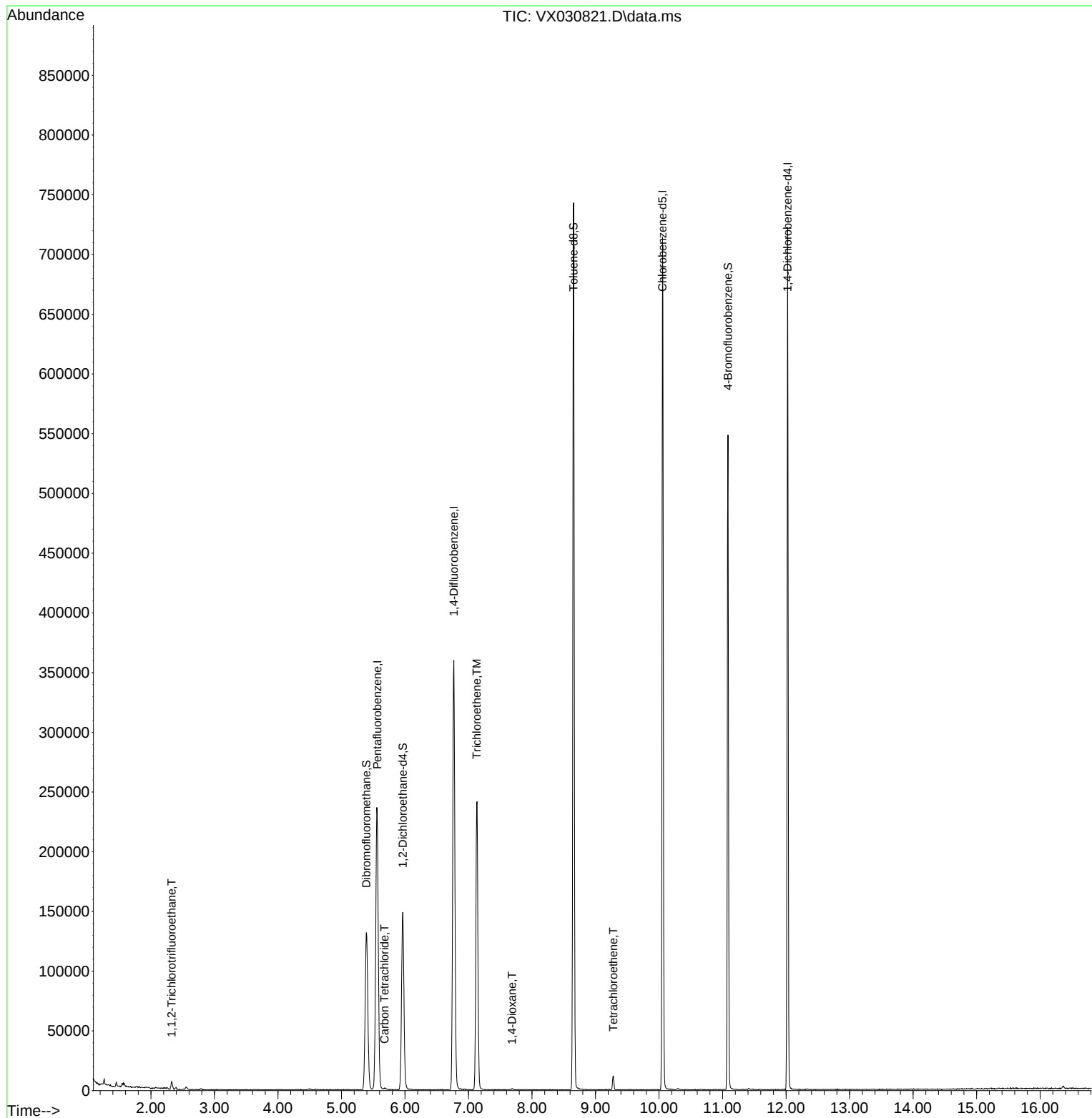
Internal Standards						
1) Pentafluorobenzene	5.562	168	224266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	369018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141632	53.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
35) Dibromofluoromethane	5.391	113	118137	52.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	8.653	98	435124	55.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	11.085	95	147961	50.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.580%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.324	101	2408	1.103	ug/l	93
38) Carbon Tetrachloride	5.678	117	1222	0.375	ug/l #	79
44) Trichloroethene	7.128	130	98066	36.737	ug/l	98
49) 1,4-Dioxane	7.683	88	926	13.657	ug/l	95
64) Tetrachloroethene	9.281	164	2150	0.839	ug/l #	79

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

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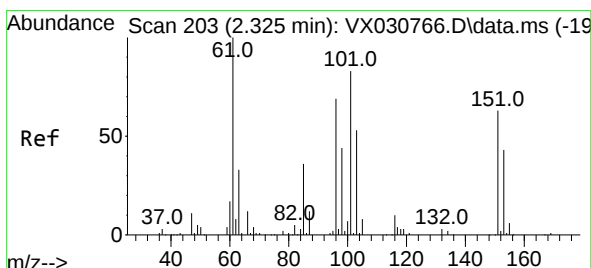
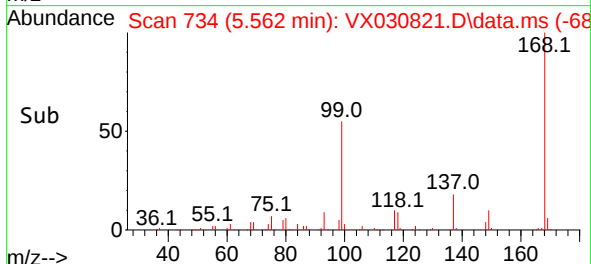
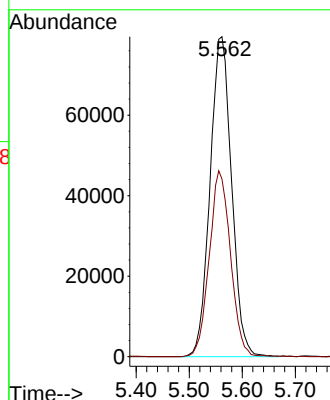
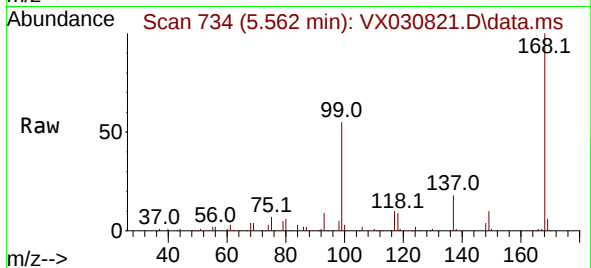




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

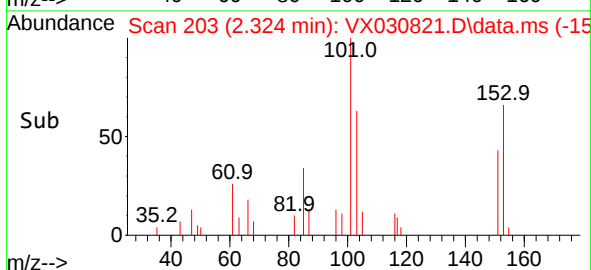
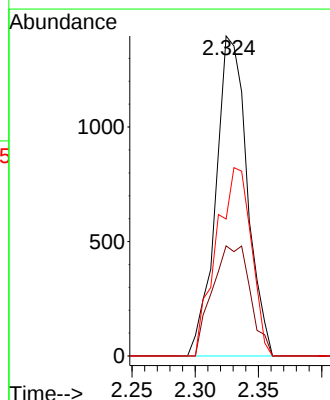
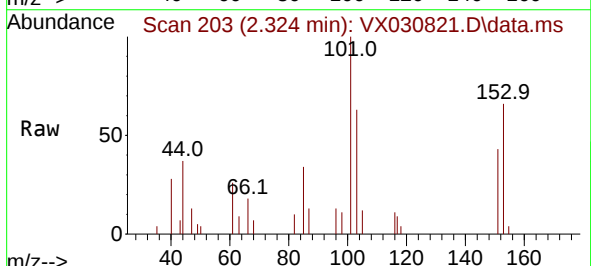
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

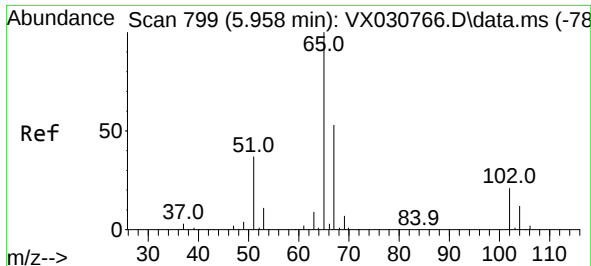
Tgt Ion:168 Resp: 224266
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.103 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion:101 Resp: 2408
Ion Ratio Lower Upper
101 100
85 41.7 34.0 51.0
151 65.6 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 53.690 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030821.D

Acq: 26 Aug 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

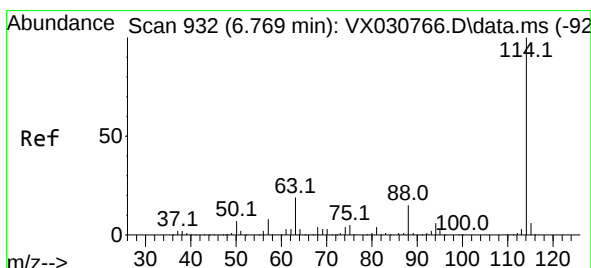
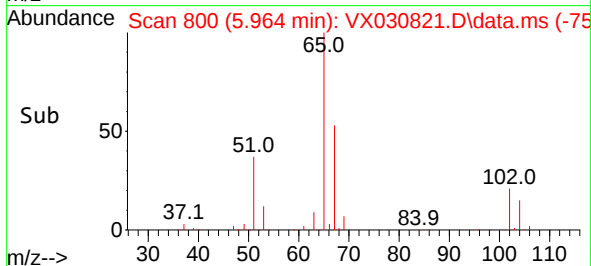
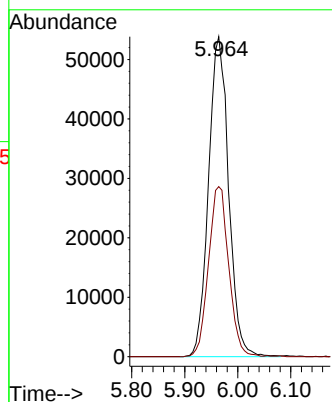
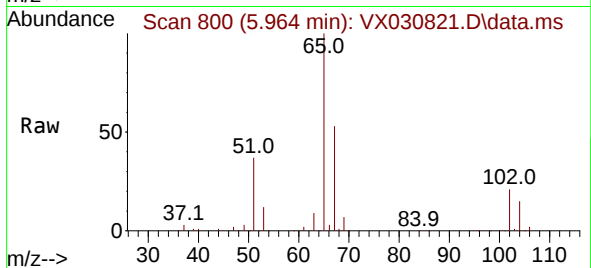
RE109D3-20220817

Tgt Ion: 65 Resp: 141632

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030821.D

Acq: 26 Aug 2022 13:53

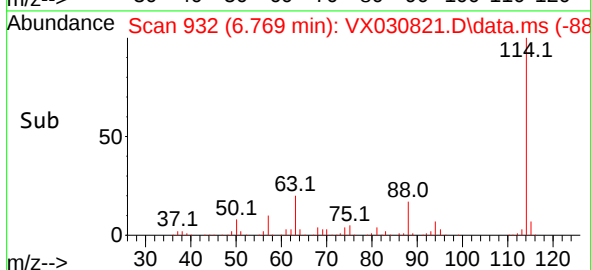
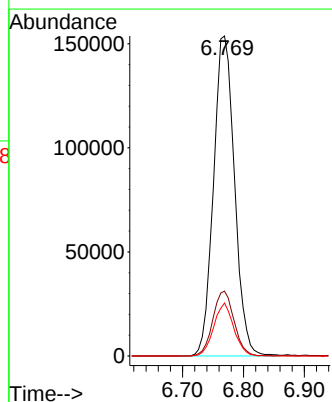
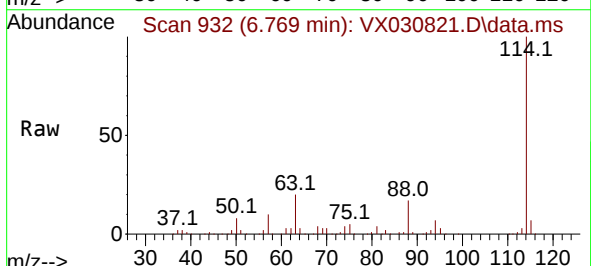
Tgt Ion: 114 Resp: 369018

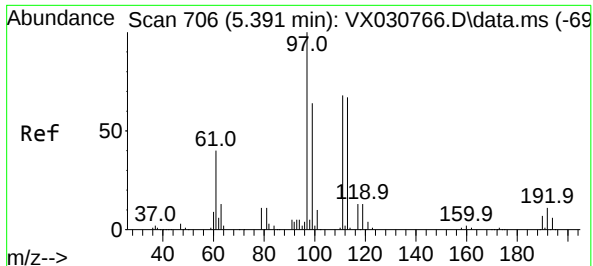
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.090 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX030821.D

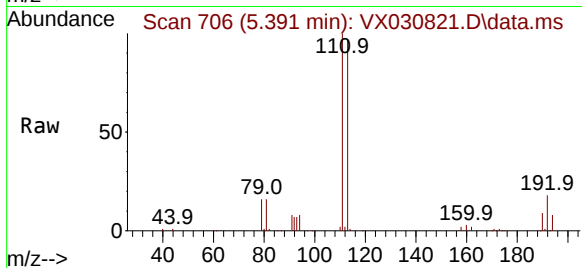
Acq: 26 Aug 2022 13:53

Instrument :

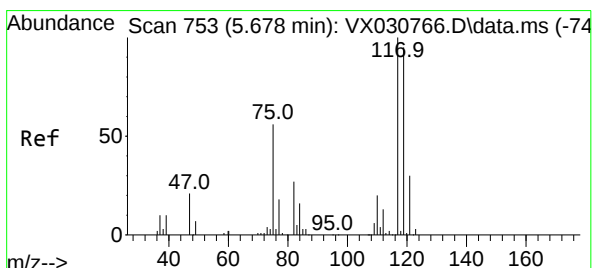
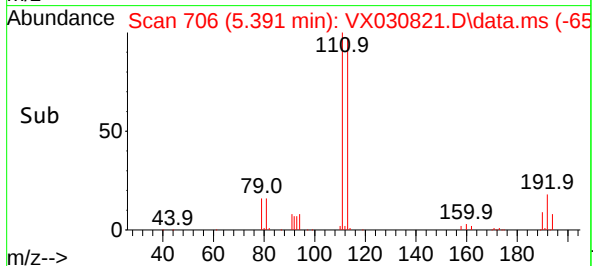
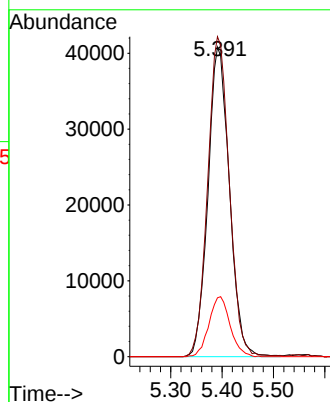
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	118137
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.2	124.8
192	19.1	14.8	22.2



#38

Carbon Tetrachloride

Concen: 0.375 ug/l

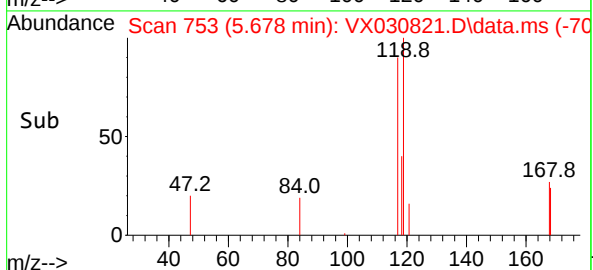
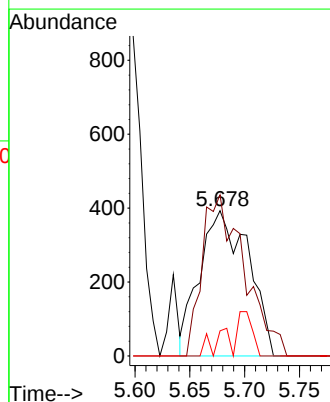
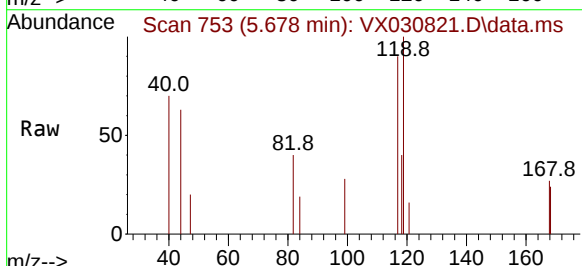
RT: 5.678 min Scan# 753

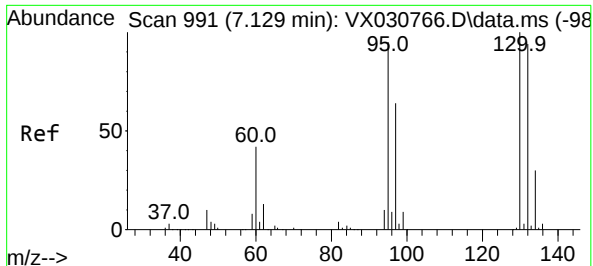
Delta R.T. -0.000 min

Lab File: VX030821.D

Acq: 26 Aug 2022 13:53

Tgt Ion:	117	Resp:	1222
Ion	Ratio	Lower	Upper
117	100		
119	110.9	74.1	111.1
121	17.3	25.8	38.8

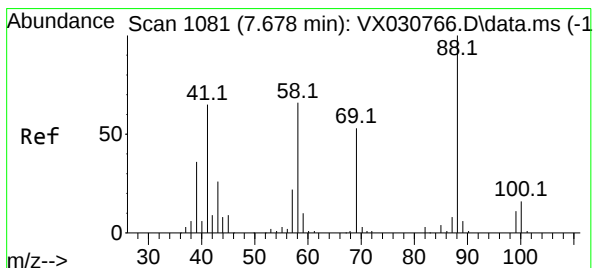
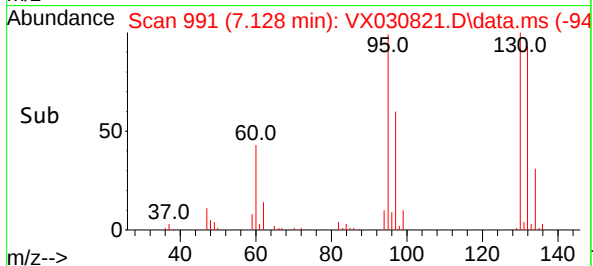
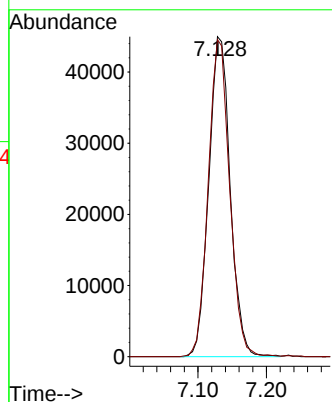
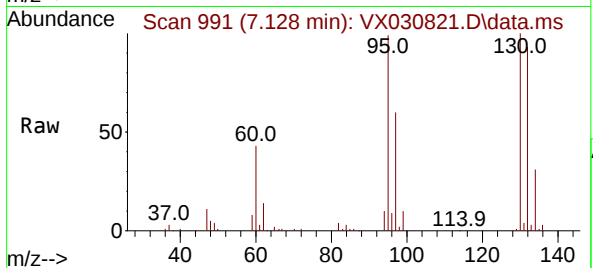




#44
Trichloroethene
Concen: 36.737 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

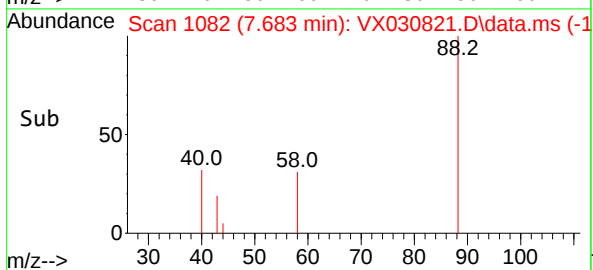
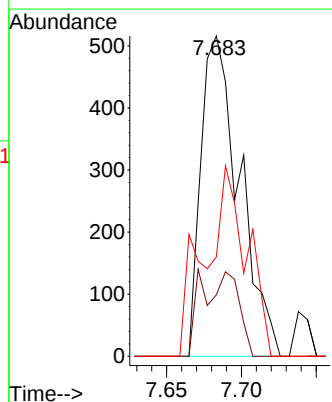
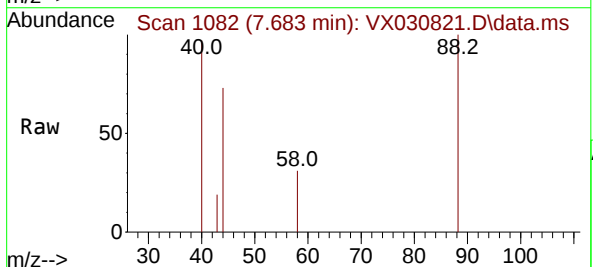
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

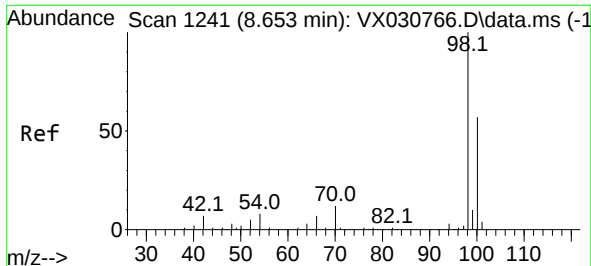
Tgt Ion:130 Resp: 98066
Ion Ratio Lower Upper
130 100
95 99.1 0.0 194.8



#49
1,4-Dioxane
Concen: 13.657 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.005 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 88 Resp: 926
Ion Ratio Lower Upper
88 100
43 25.1 23.8 35.8
58 64.5 53.8 80.6

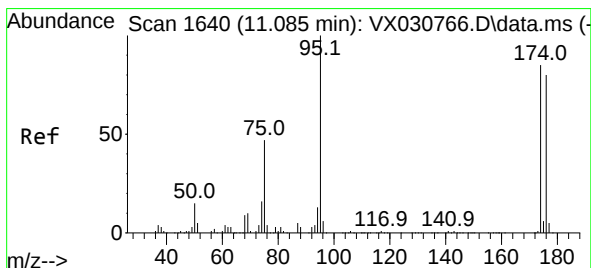
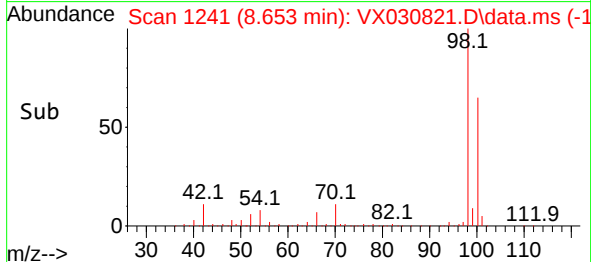
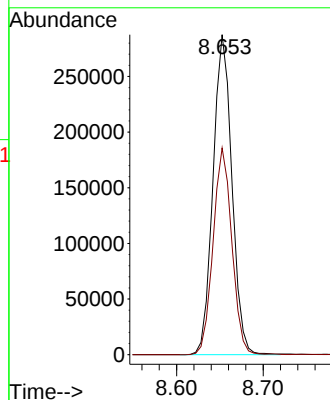
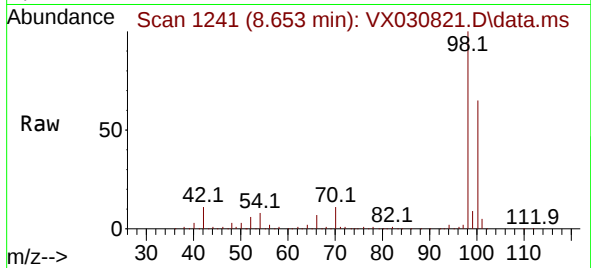




#50
Toluene-d8
Concen: 55.058 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

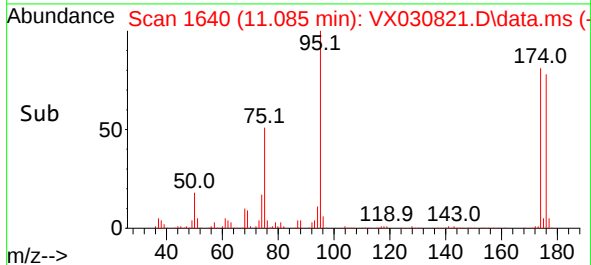
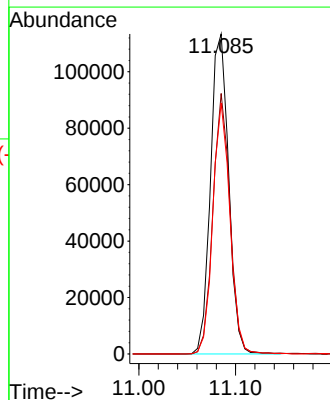
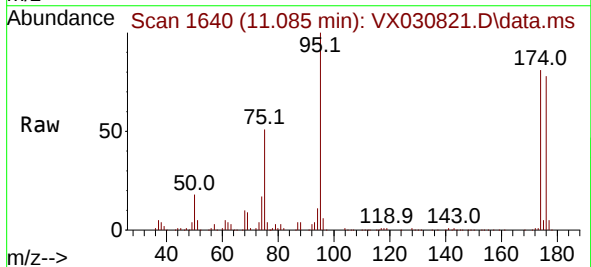
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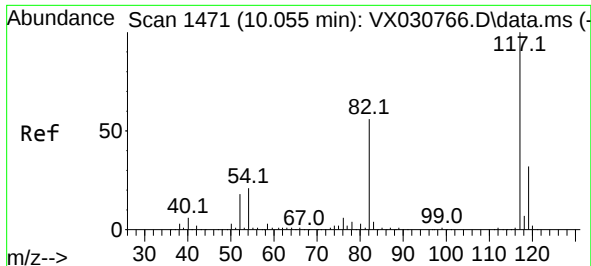
Tgt Ion: 98 Resp: 435124
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.288 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 95 Resp: 147961
Ion Ratio Lower Upper
95 100
174 77.0 0.0 149.0
176 74.4 0.0 146.0

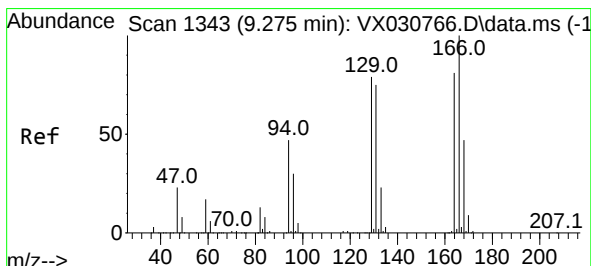
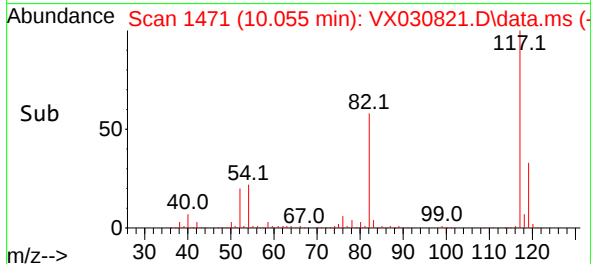
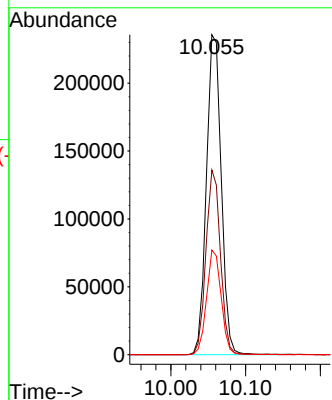
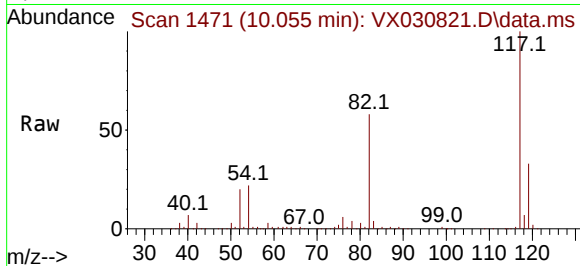




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

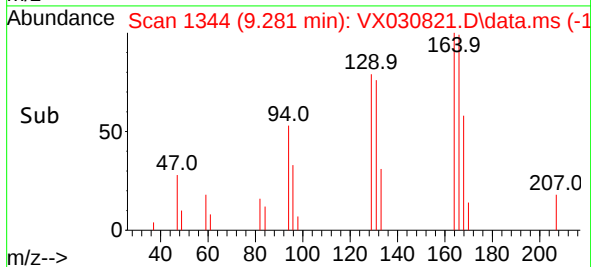
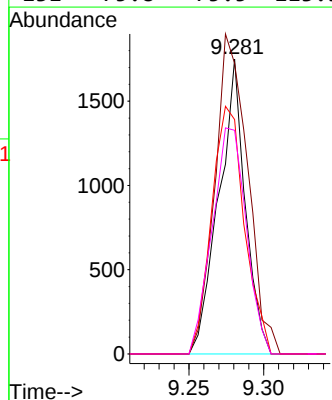
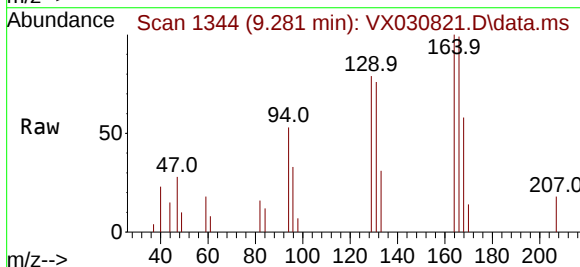
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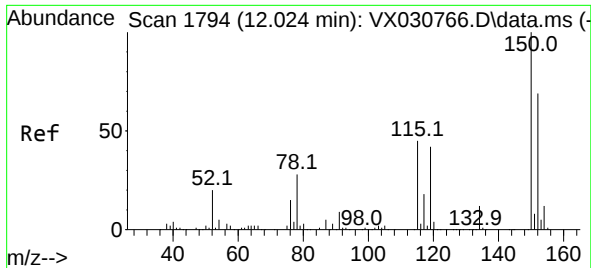
Tgt Ion:117 Resp: 325378
Ion Ratio Lower Upper
117 100
82 57.7 42.7 64.1
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 0.839 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

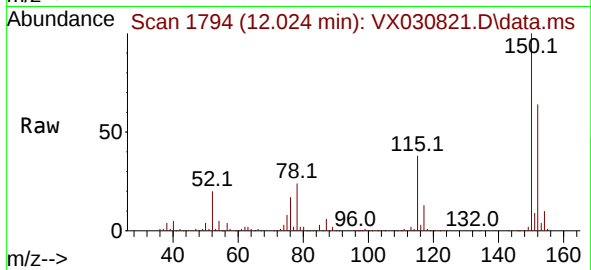
Tgt Ion:164 Resp: 2150
Ion Ratio Lower Upper
164 100
166 98.5 98.2 147.4
129 79.5 80.8 121.2#
131 75.8 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030821.D
 Acq: 26 Aug 2022 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20220817



Tgt Ion:152 Resp: 143282
 Ion Ratio Lower Upper
 152 100
 115 62.0 40.5 121.5
 150 155.2 0.0 347.0

