

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032902.D
 Acq On : 17 Nov 2022 16:02
 Operator : JC/MD
 Sample : N5671-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20221115

Quant Time: Nov 18 01:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

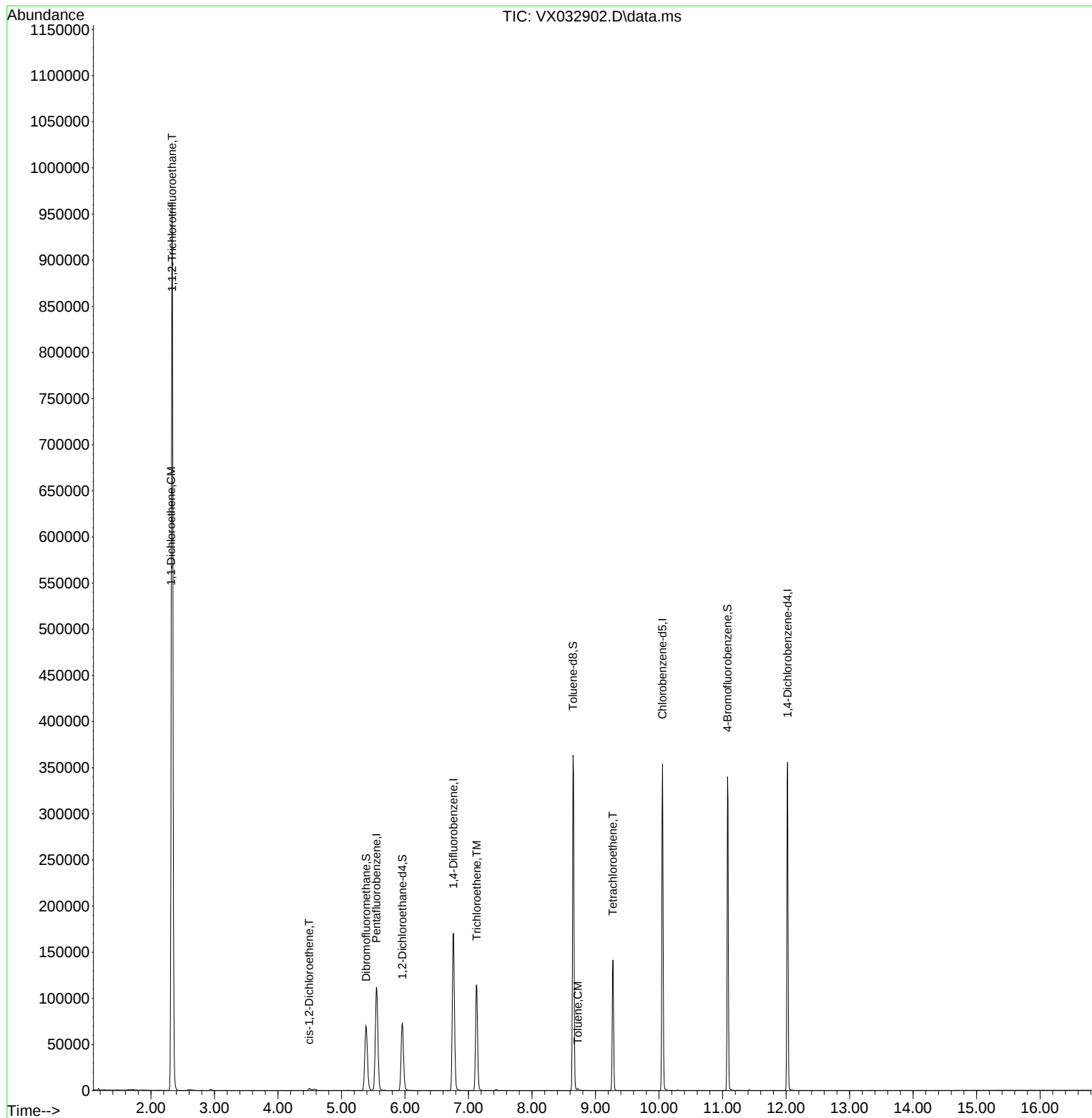
Internal Standards						
1) Pentafluorobenzene	5.550	168	106221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74918	50.760	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.520%		
35) Dibromofluoromethane	5.385	113	60652	48.664	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.320%		
50) Toluene-d8	8.647	98	215600	49.749	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.500%		
62) 4-Bromofluorobenzene	11.079	95	83965	49.599	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.200%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	361674	317.166	ug/l	99
12) 1,1-Dichloroethene	2.318	96	2731	2.564	ug/l #	69
27) cis-1,2-Dichloroethene	4.489	96	1669	1.245	ug/l	83
44) Trichloroethene	7.129	130	44882	32.462	ug/l	98
52) Toluene	8.720	92	741	0.231	ug/l	97
64) Tetrachloroethene	9.275	164	26549	23.015	ug/l	95

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

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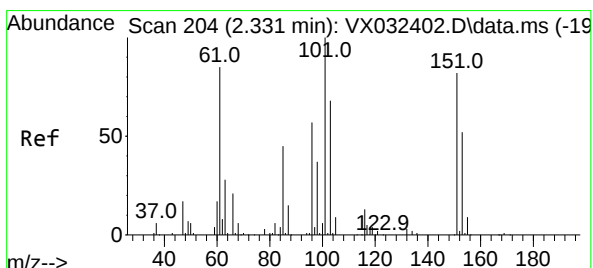
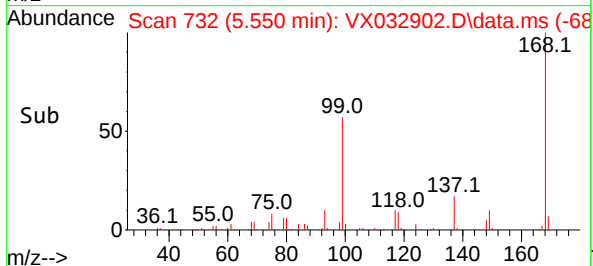
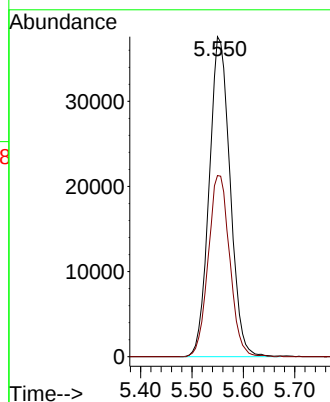
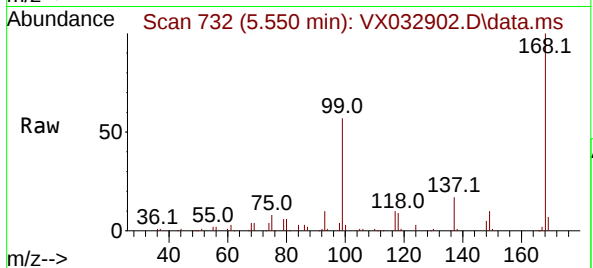




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

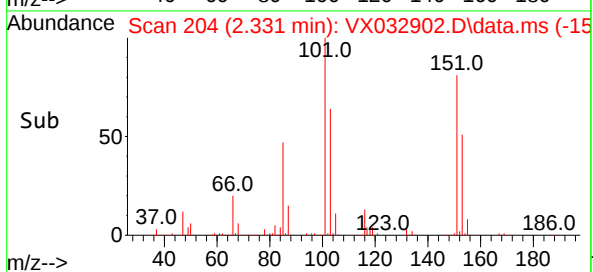
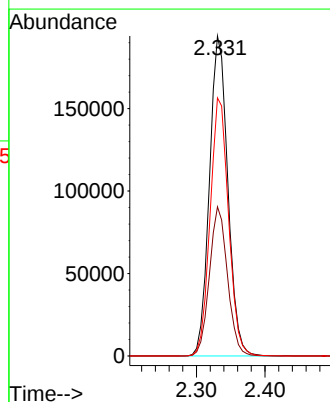
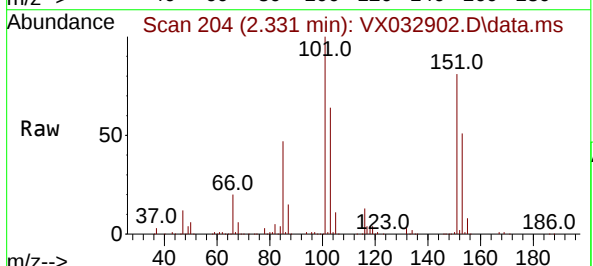
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115

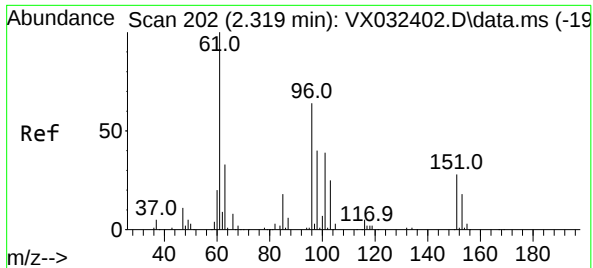
Tgt Ion:168 Resp: 106221
Ion Ratio Lower Upper
168 100
99 56.6 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 317.166 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

Tgt Ion:101 Resp: 361674
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 81.0 64.4 96.6





#12

1,1-Dichloroethene

Concen: 2.564 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX032902.D

Acq: 17 Nov 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20221115

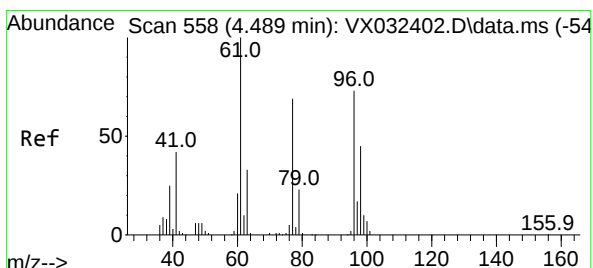
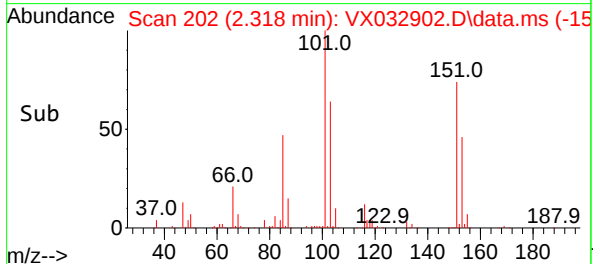
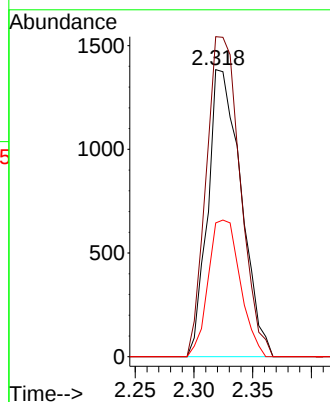
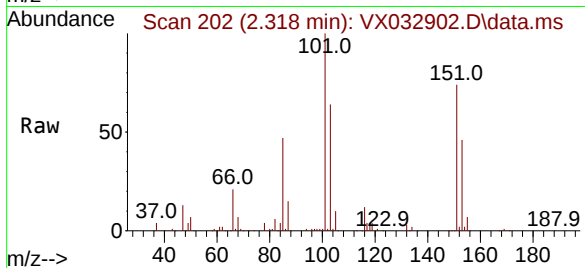
Tgt Ion: 96 Resp: 2731

Ion Ratio Lower Upper

96 100

61 111.5 125.1 187.7#

98 46.6 50.6 76.0#



#27

cis-1,2-Dichloroethene

Concen: 1.245 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032902.D

Acq: 17 Nov 2022 16:02

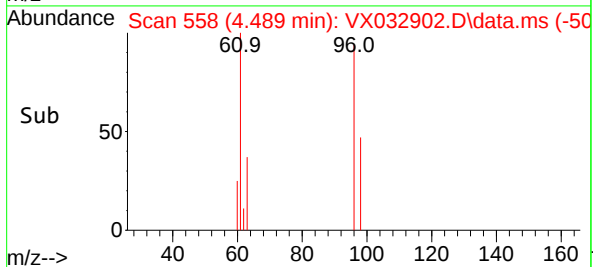
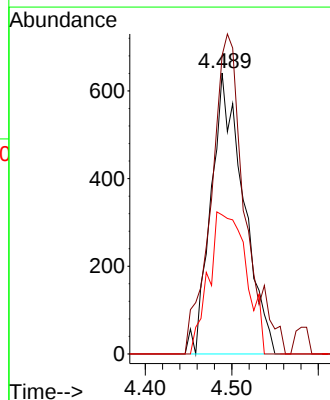
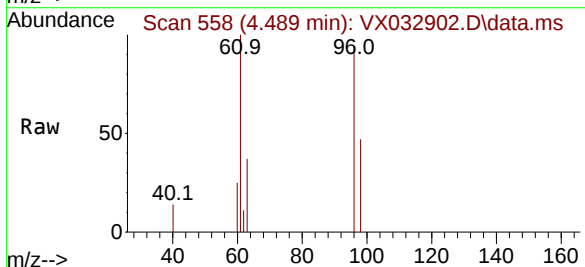
Tgt Ion: 96 Resp: 1669

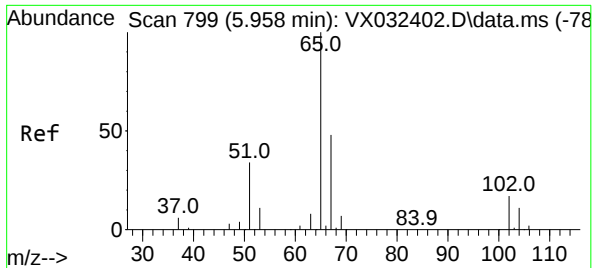
Ion Ratio Lower Upper

96 100

61 117.4 0.0 286.0

98 58.3 0.0 129.6

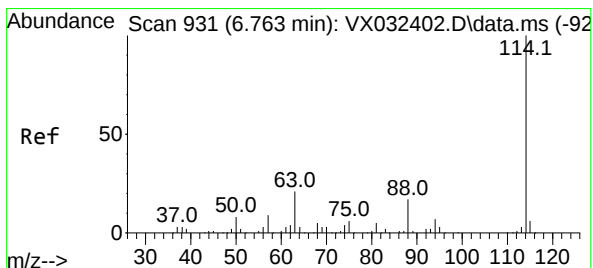
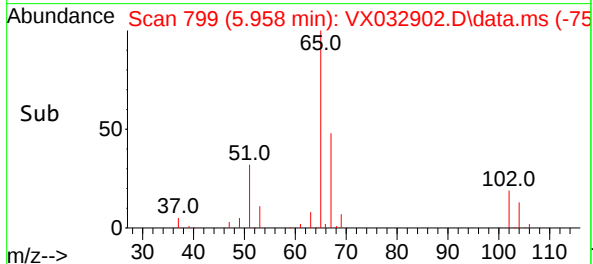
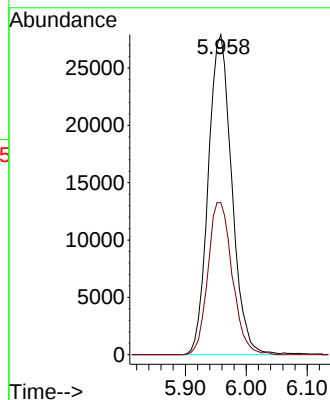
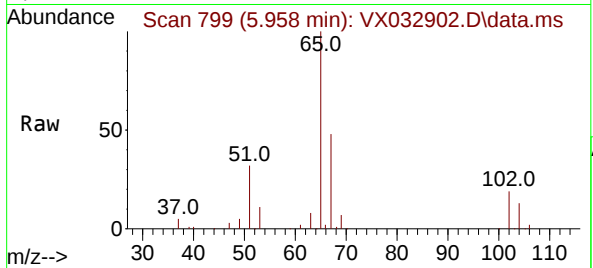




#33
 1,2-Dichloroethane-d4
 Concen: 50.760 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032902.D
 Acq: 17 Nov 2022 16:02

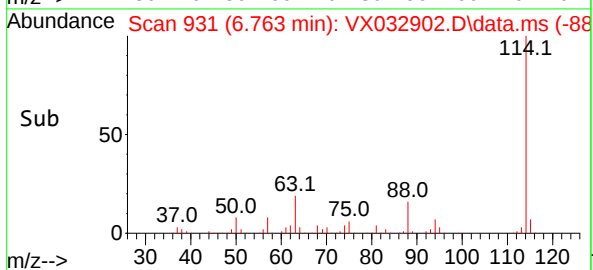
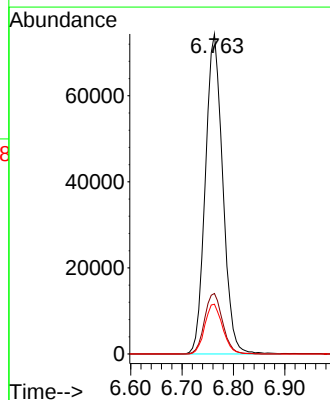
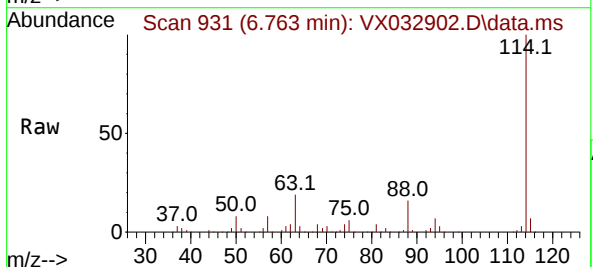
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20221115

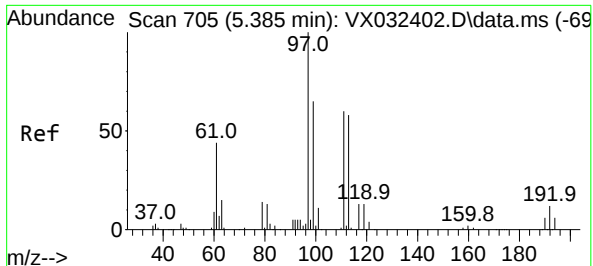
Tgt Ion: 65 Resp: 74918
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032902.D
 Acq: 17 Nov 2022 16:02

Tgt Ion: 114 Resp: 174726
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.6
 88 15.5 0.0 33.4

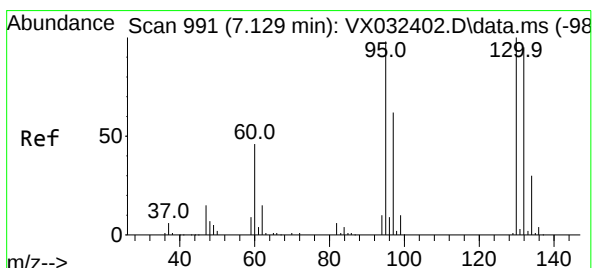
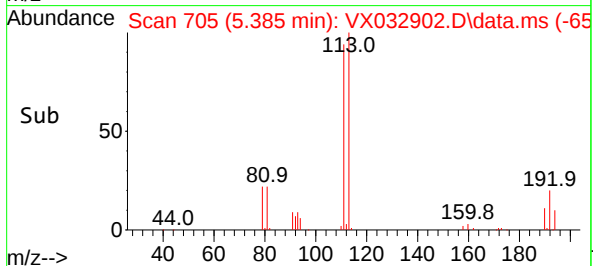
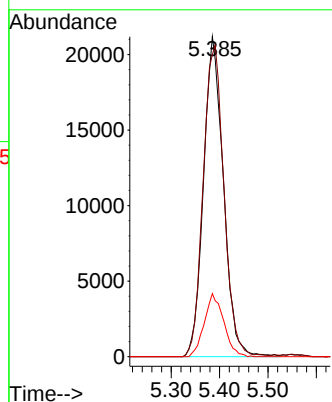
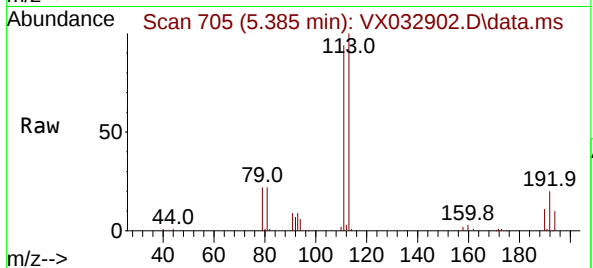




#35
Dibromofluoromethane
Concen: 48.664 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

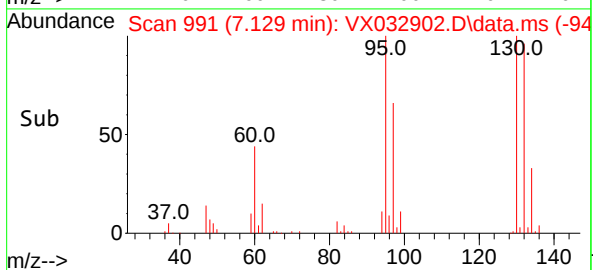
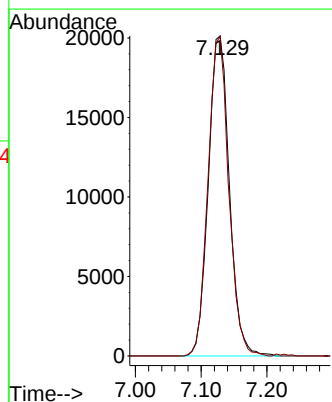
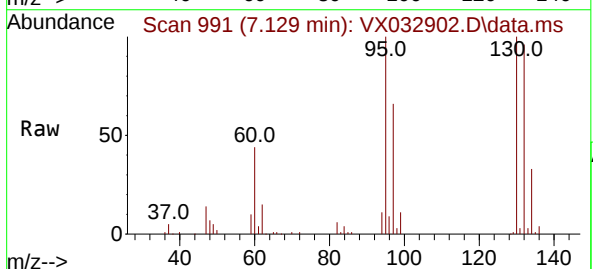
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115

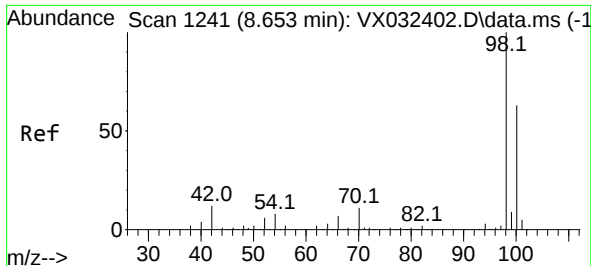
Tgt Ion:113 Resp: 60652
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 19.2 15.4 23.2



#44
Trichloroethene
Concen: 32.462 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

Tgt Ion:130 Resp: 44882
Ion Ratio Lower Upper
130 100
95 99.9 0.0 195.2

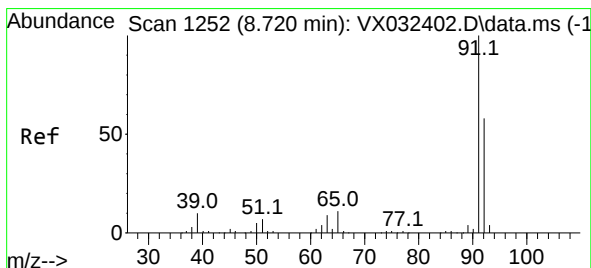
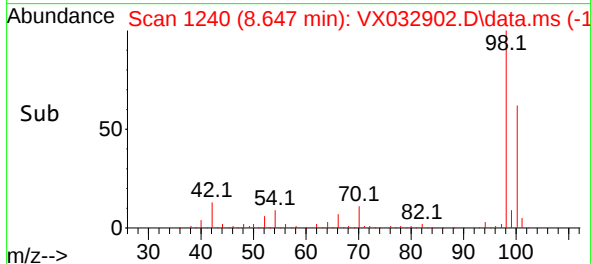
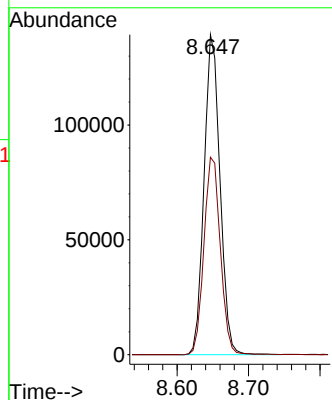
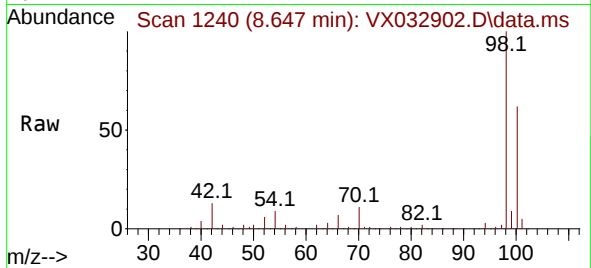




#50
Toluene-d8
Concen: 49.749 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

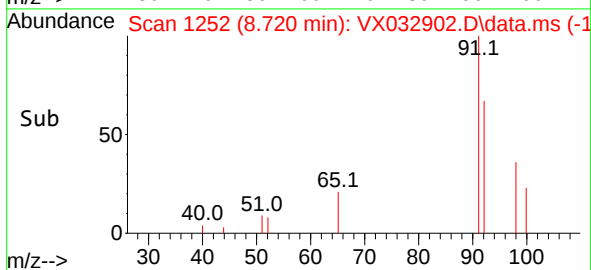
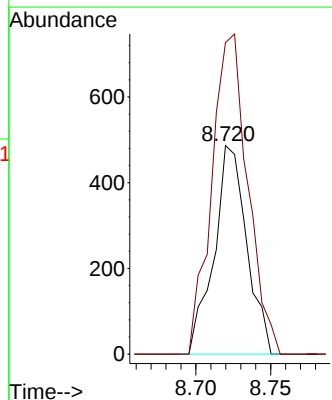
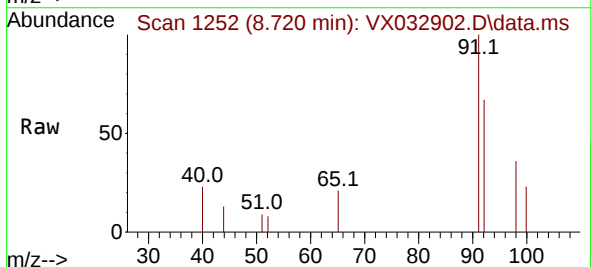
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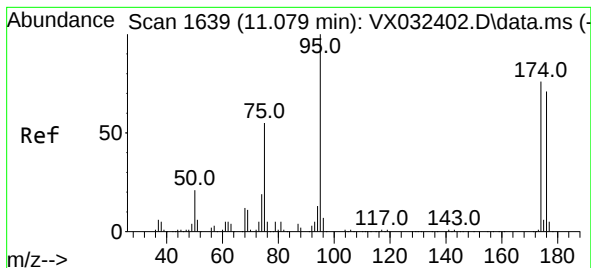
Tgt Ion: 98 Resp: 215600
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#52
Toluene
Concen: 0.231 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

Tgt Ion: 92 Resp: 741
Ion Ratio Lower Upper
92 100
91 169.0 138.3 207.5

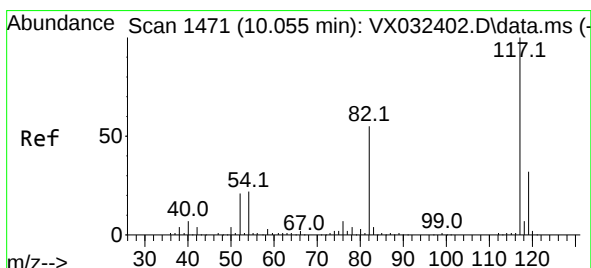
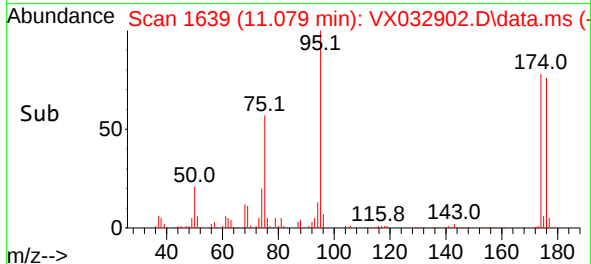
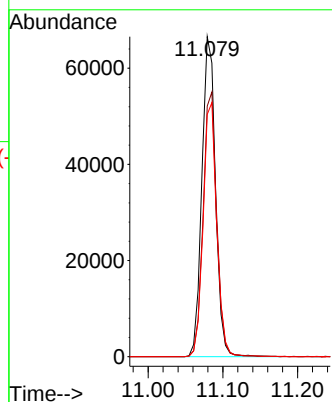
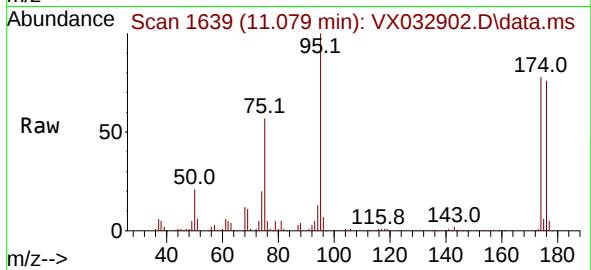




#62
4-Bromofluorobenzene
Concen: 49.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

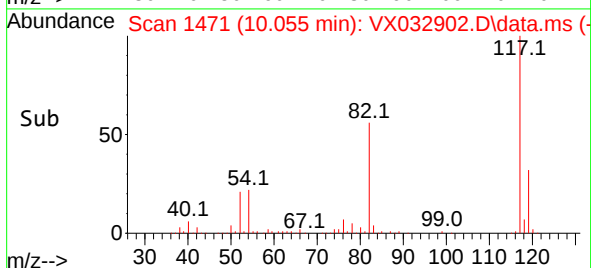
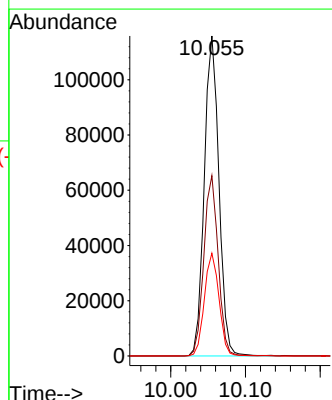
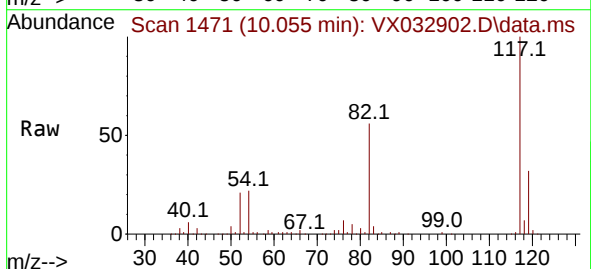
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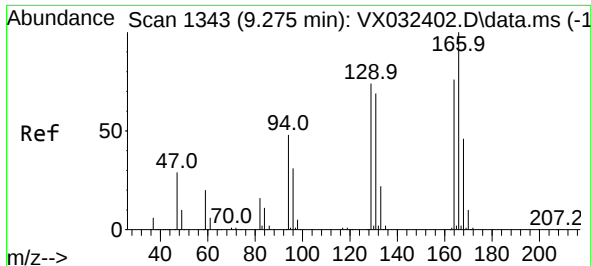
Tgt Ion: 95 Resp: 83965
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

Tgt Ion: 117 Resp: 157606
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.1 25.7 38.5

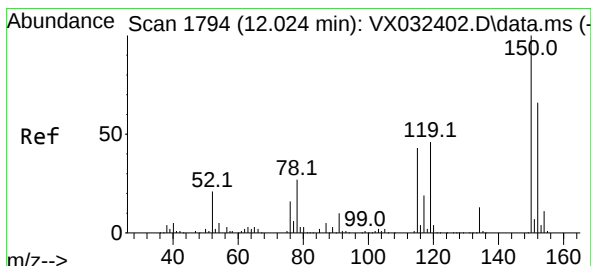
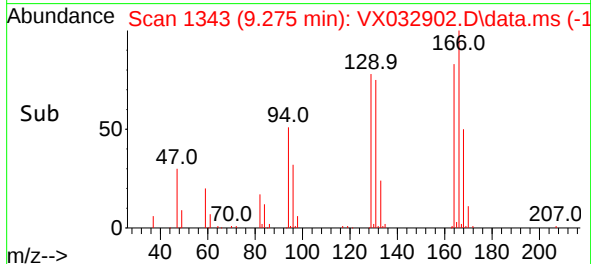
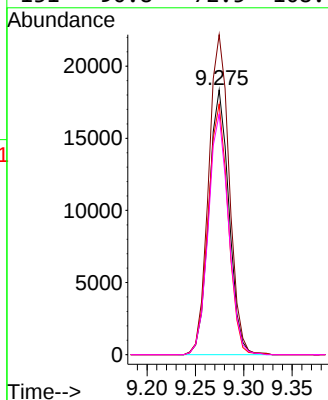
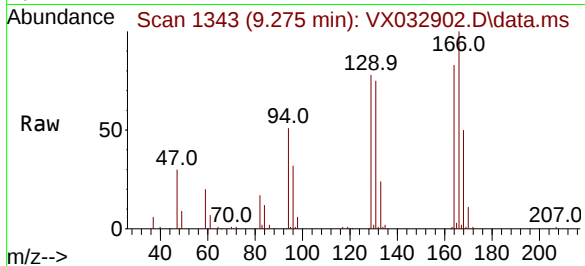




#64
Tetrachloroethene
Concen: 23.015 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115

Tgt Ion:164	Resp:	26549
Ion	Ratio	Lower Upper
164	100	
166	120.8	105.4 158.2
129	94.6	78.2 117.2
131	90.8	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032902.D
Acq: 17 Nov 2022 16:02

Tgt Ion:152	Resp:	73891
Ion	Ratio	Lower Upper
152	100	
115	60.3	44.0 132.0
150	157.9	0.0 351.8

