

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032905.D
 Acq On : 17 Nov 2022 17:12
 Operator : JC/MD
 Sample : N5671-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20221115

Quant Time: Nov 18 01:41:56 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)

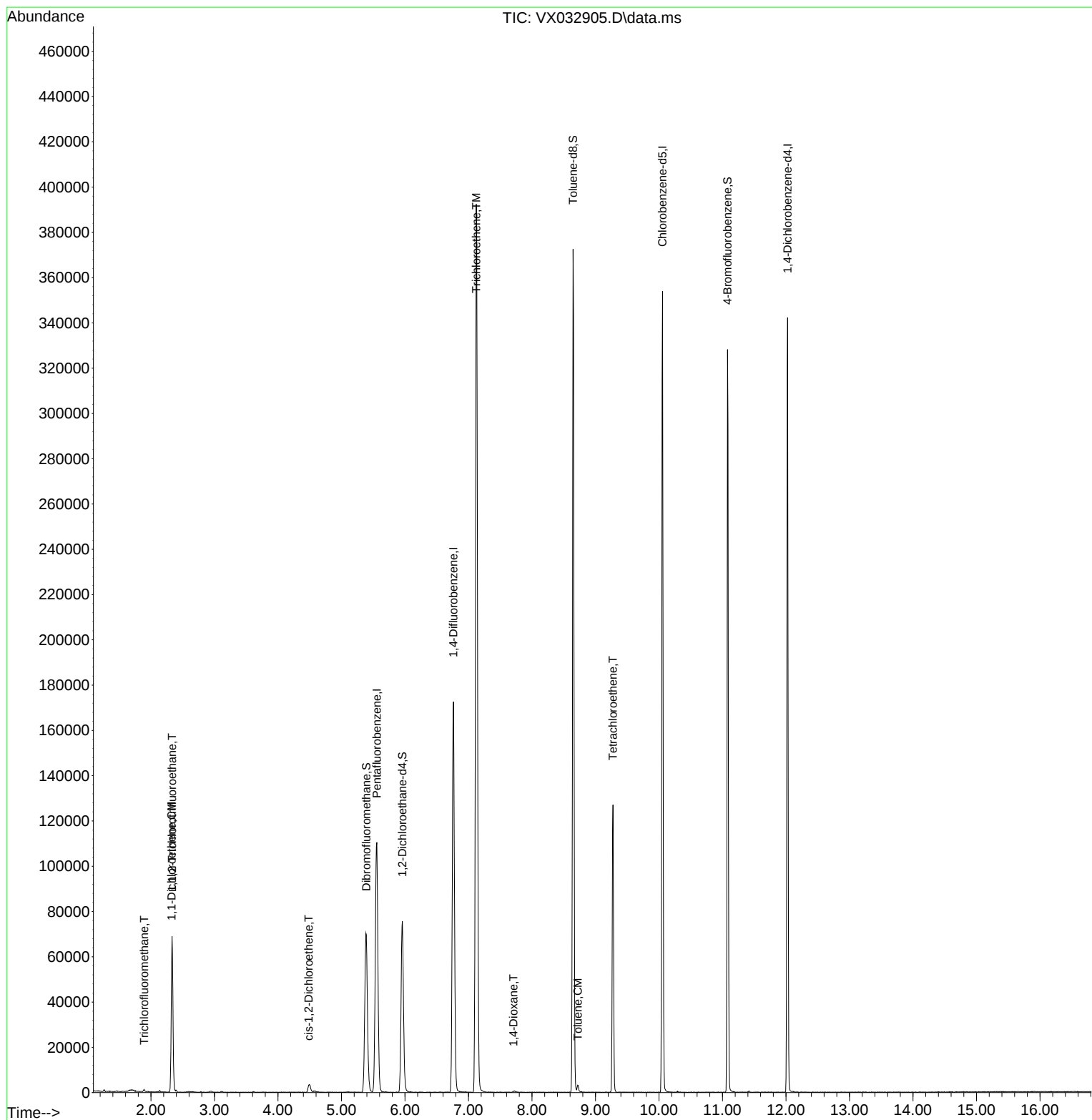
Internal Standards						
1) Pentafluorobenzene	5.556	168	106673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75608	51.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.020%	
35) Dibromofluoromethane	5.391	113	60660	48.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.200%	
50) Toluene-d8	8.647	98	221868	50.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	11.079	95	82474	48.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.300%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.892	101	621	0.286	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25267	22.064	ug/l	99
12) 1,1-Dichloroethene	2.325	96	613	0.573	ug/l #	82
27) cis-1,2-Dichloroethene	4.483	96	2350	1.746	ug/l	92
44) Trichloroethene	7.123	130	150332	107.454	ug/l	98
49) 1,4-Dioxane	7.708	88	869	31.456	ug/l #	49
52) Toluene	8.720	92	1298	0.400	ug/l	96
64) Tetrachloroethene	9.275	164	22794	19.937	ug/l	97

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

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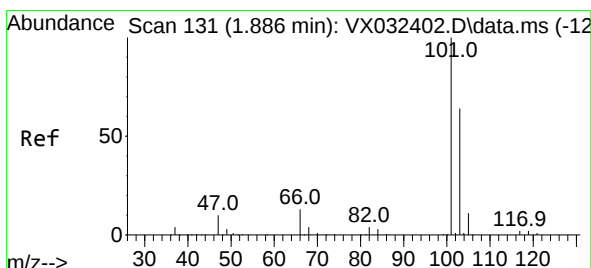
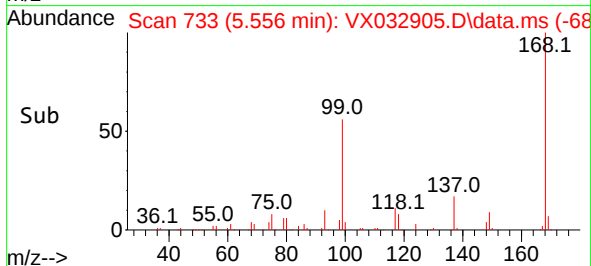
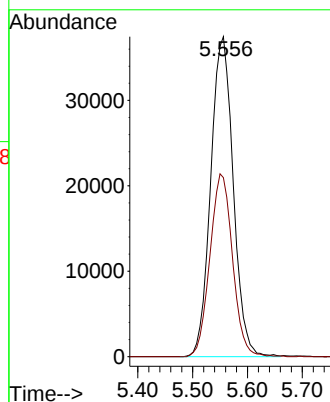
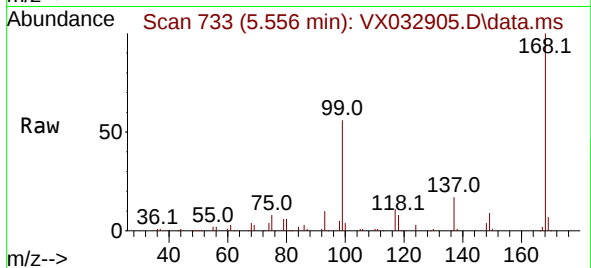




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

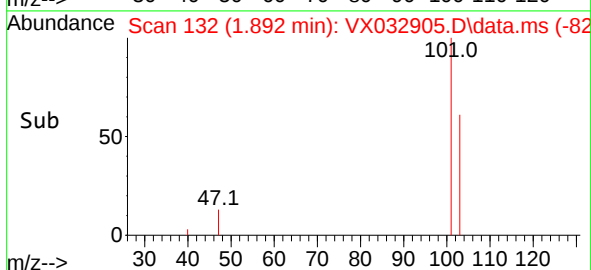
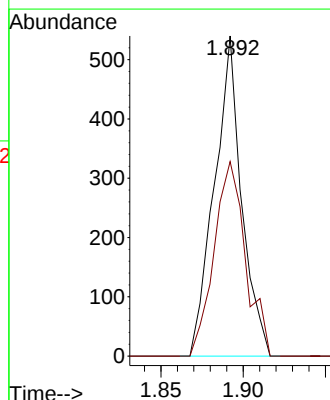
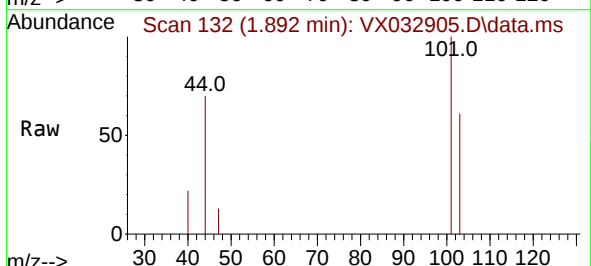
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

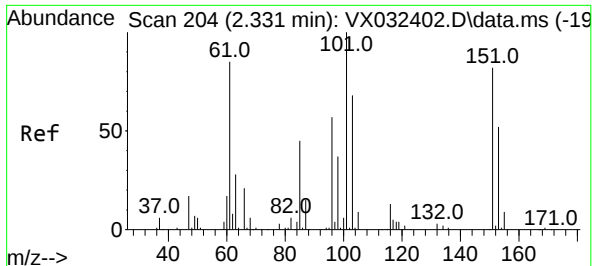
Tgt Ion:168 Resp: 106673
Ion Ratio Lower Upper
168 100
99 55.9 46.1 69.1



#7
Trichlorofluoromethane
Concen: 0.286 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion:101 Resp: 621
Ion Ratio Lower Upper
101 100
103 60.7 51.4 77.2

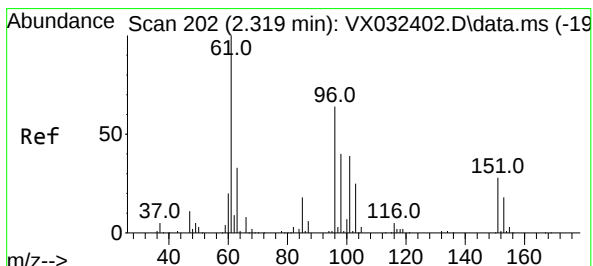
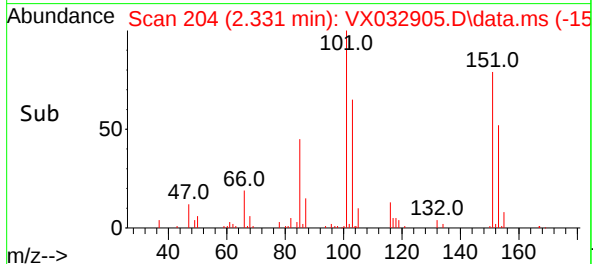
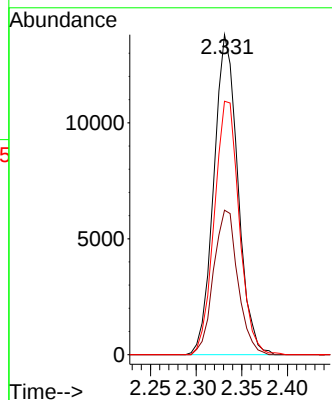
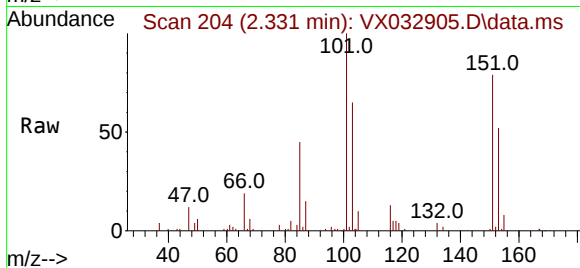




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.064 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

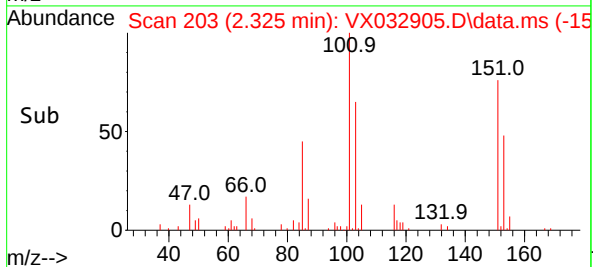
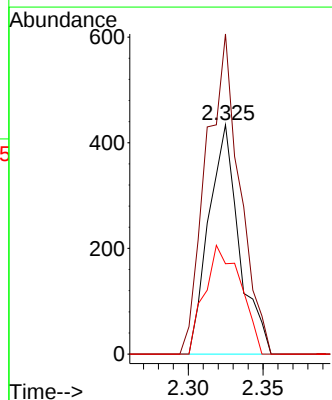
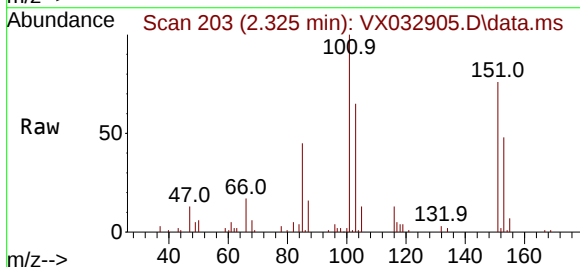
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

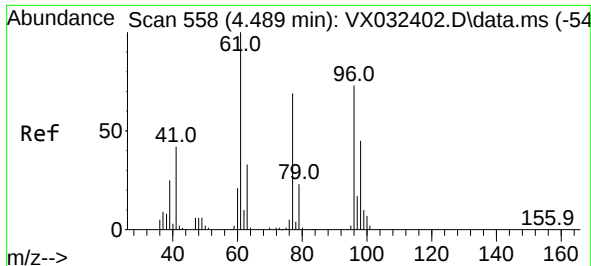
Tgt Ion:101 Resp: 25267
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.4
151 82.1 64.4 96.6



#12
1,1-Dichloroethene
Concen: 0.573 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 96 Resp: 613
Ion Ratio Lower Upper
96 100
61 139.6 125.1 187.7
98 39.4 50.6 76.0#





#27

cis-1,2-Dichloroethene

Concen: 1.746 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032905.D

Acq: 17 Nov 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20221115

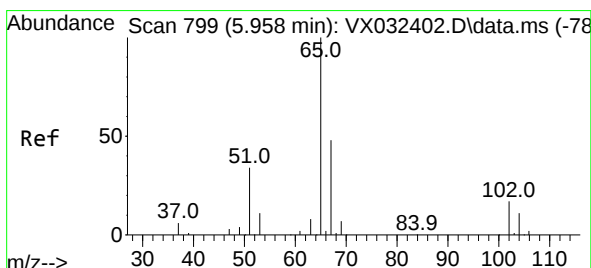
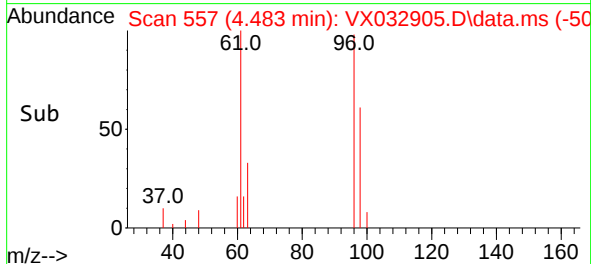
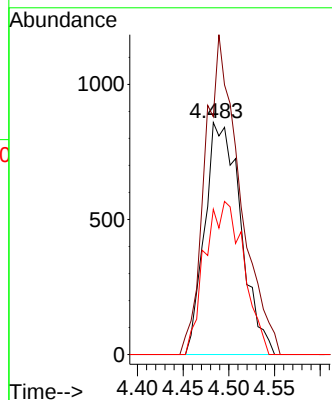
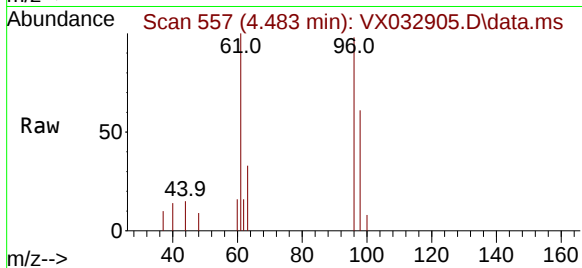
Tgt Ion: 96 Resp: 2350

Ion Ratio Lower Upper

96 100

61 133.6 0.0 286.0

98 71.5 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 51.011 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032905.D

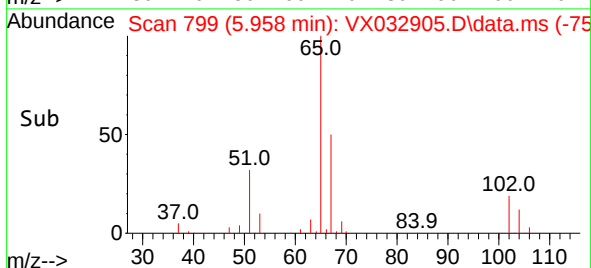
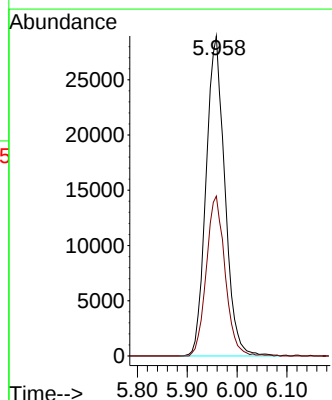
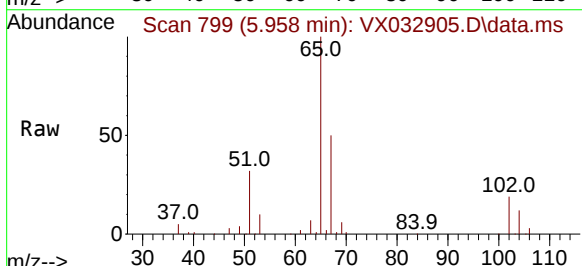
Acq: 17 Nov 2022 17:12

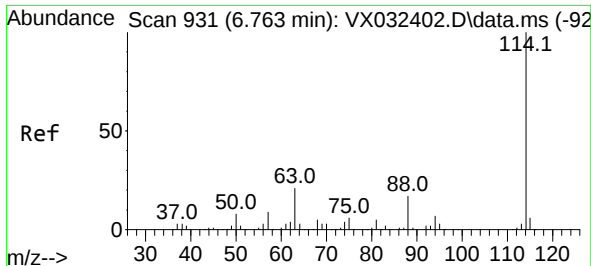
Tgt Ion: 65 Resp: 75608

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8

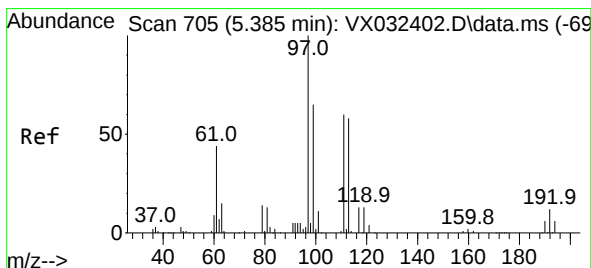
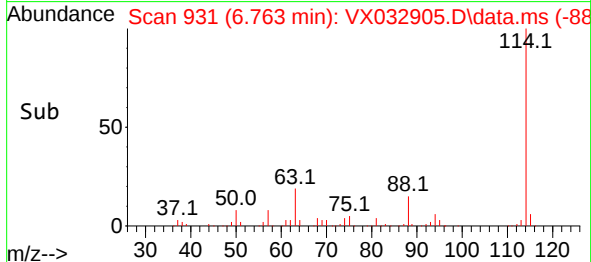
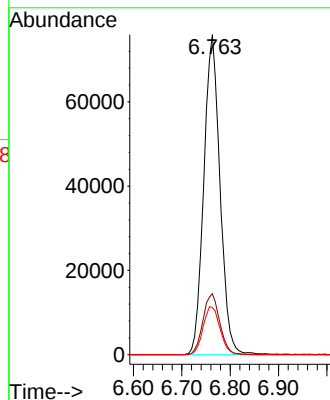
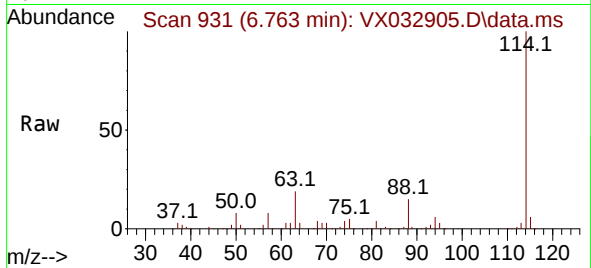




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

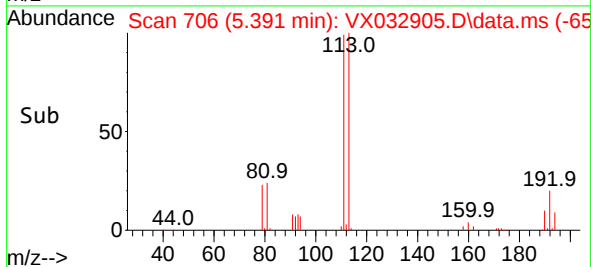
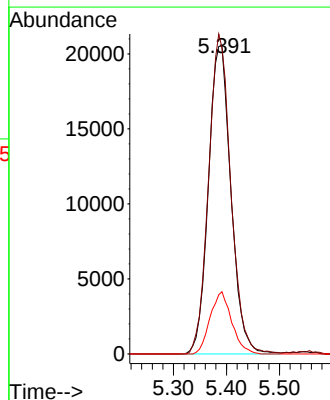
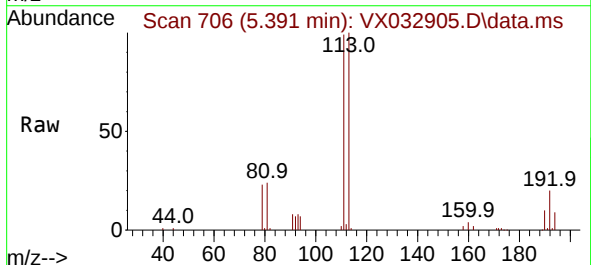
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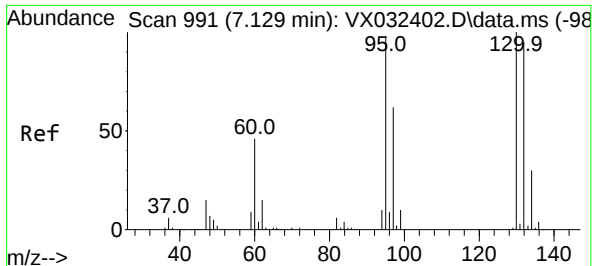
Tgt Ion:114 Resp: 176803
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 14.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion:113 Resp: 60660
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 15.4 23.2

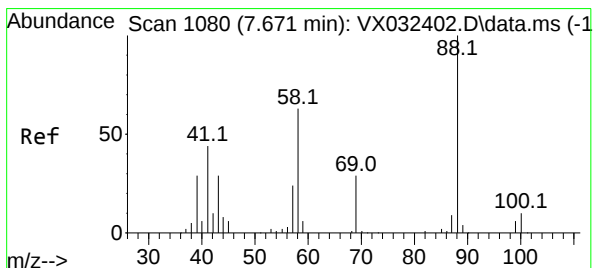
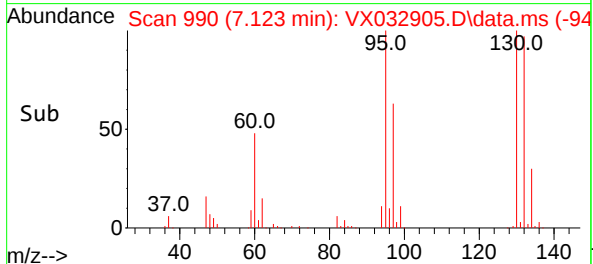
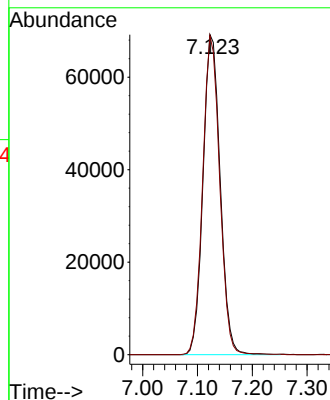
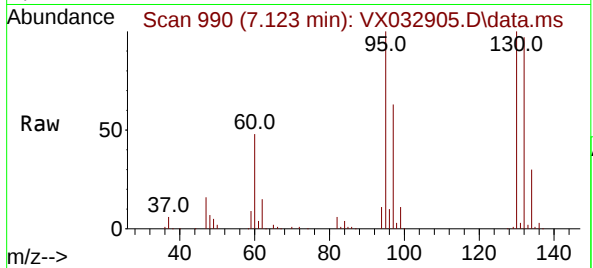




#44
Trichloroethene
Concen: 107.454 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

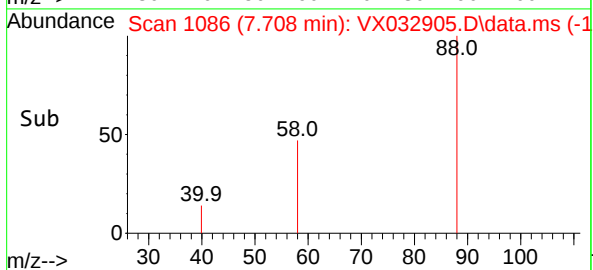
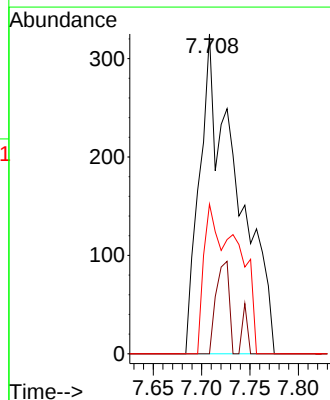
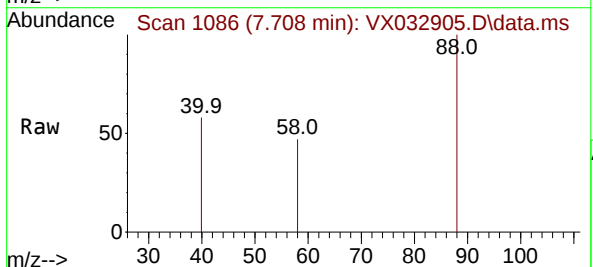
Instrument :
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ClientSampleId :
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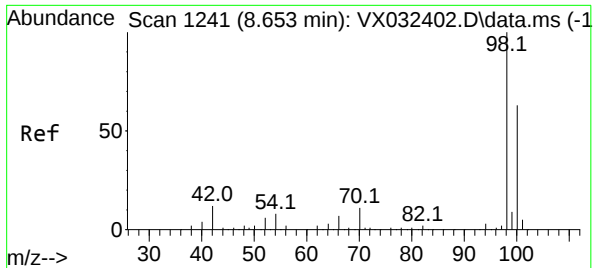
Tgt Ion:130 Resp: 150332
Ion Ratio Lower Upper
130 100
95 99.7 0.0 195.2



#49
1,4-Dioxane
Concen: 31.456 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.037 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 88 Resp: 869
Ion Ratio Lower Upper
88 100
43 10.1 26.6 39.8#
58 20.3 51.7 77.5#

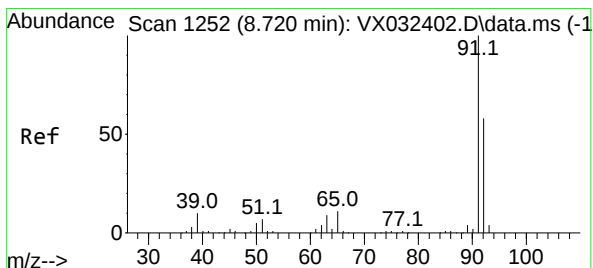
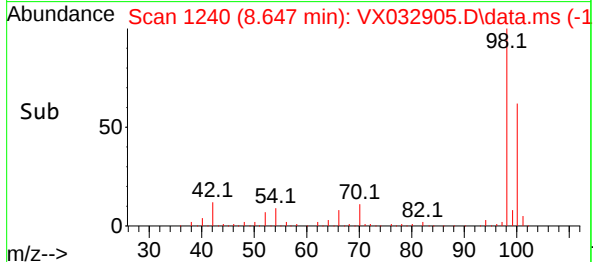
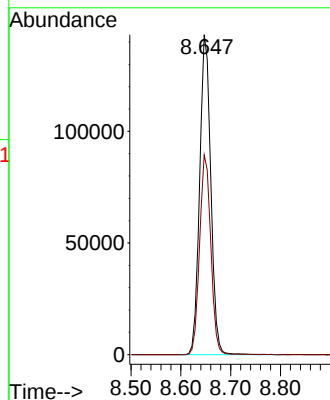
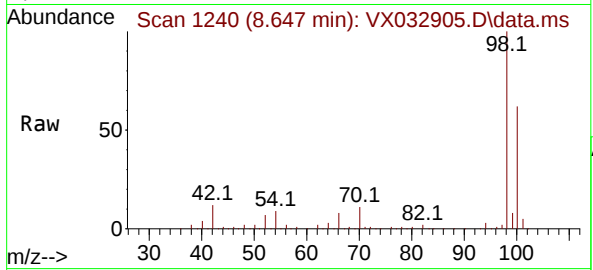




#50
Toluene-d8
Concen: 50.593 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

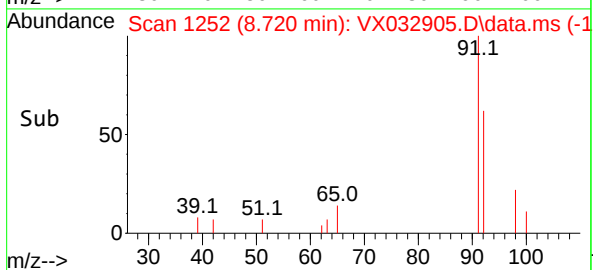
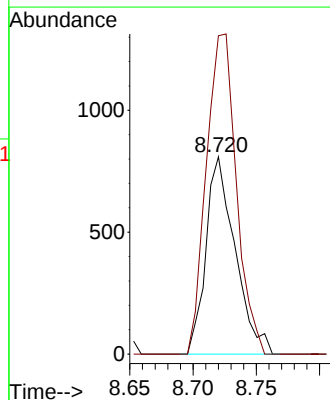
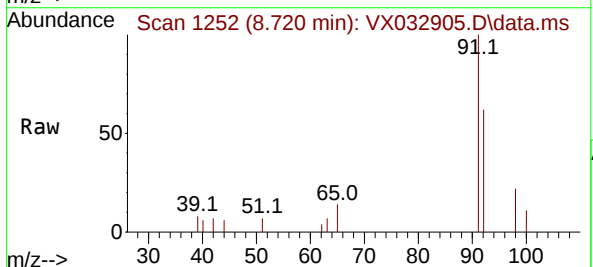
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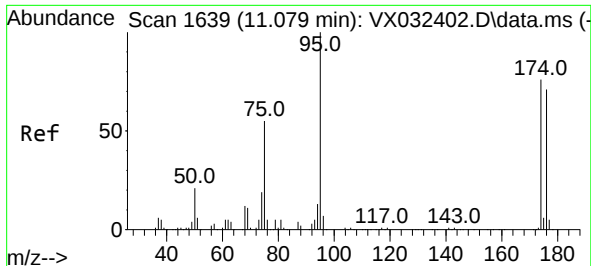
Tgt Ion: 98 Resp: 221868
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#52
Toluene
Concen: 0.400 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 92 Resp: 1298
Ion Ratio Lower Upper
92 100
91 167.6 138.3 207.5

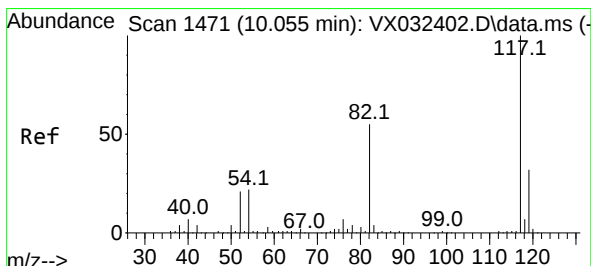
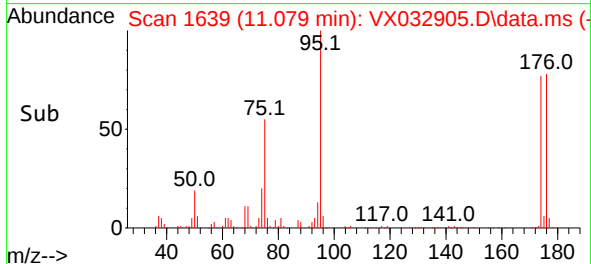
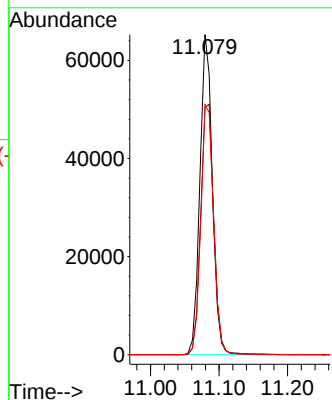
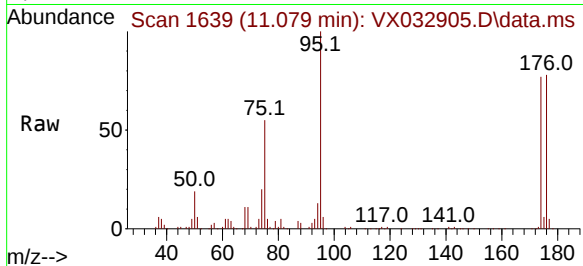




#62
4-Bromofluorobenzene
Concen: 48.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

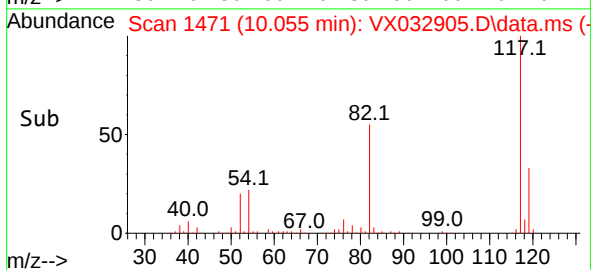
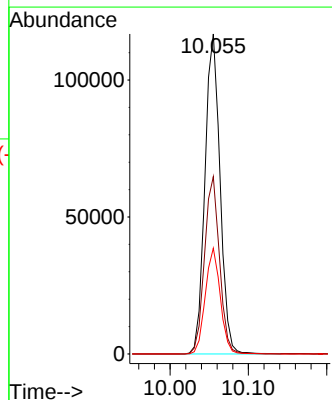
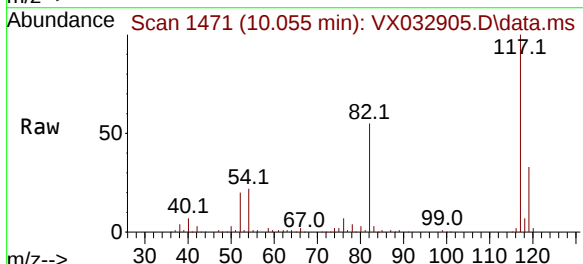
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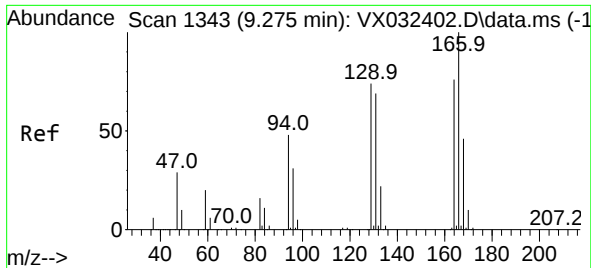
Tgt Ion: 95 Resp: 82474
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 117 Resp: 156206
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.0 25.7 38.5



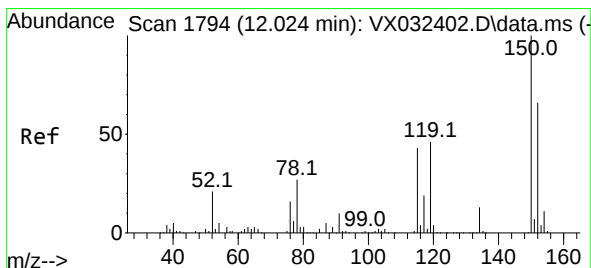
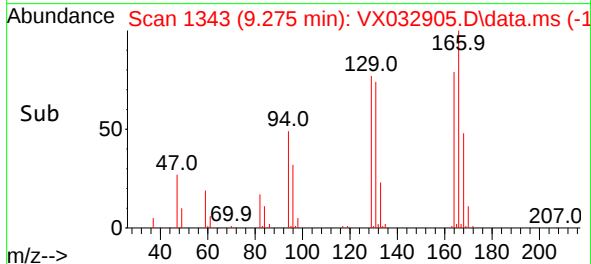
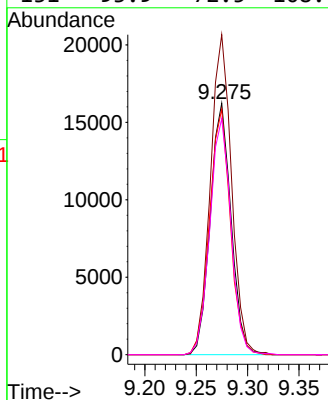
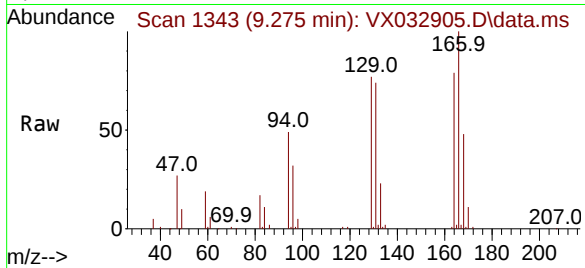


#64
Tetrachloroethene
Concen: 19.937 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

Tgt Ion:164 Resp: 22794

Ion	Ratio	Lower	Upper
164	100		
166	127.3	105.4	158.2
129	97.7	78.2	117.2
131	93.9	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: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion:152 Resp: 70721

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.0	132.0
150	157.0	0.0	351.8

