

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032964.D
 Acq On : 21 Nov 2022 19:46
 Operator : JC/MD
 Sample : N5671-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115

Quant Time: Nov 22 05:13:43 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)

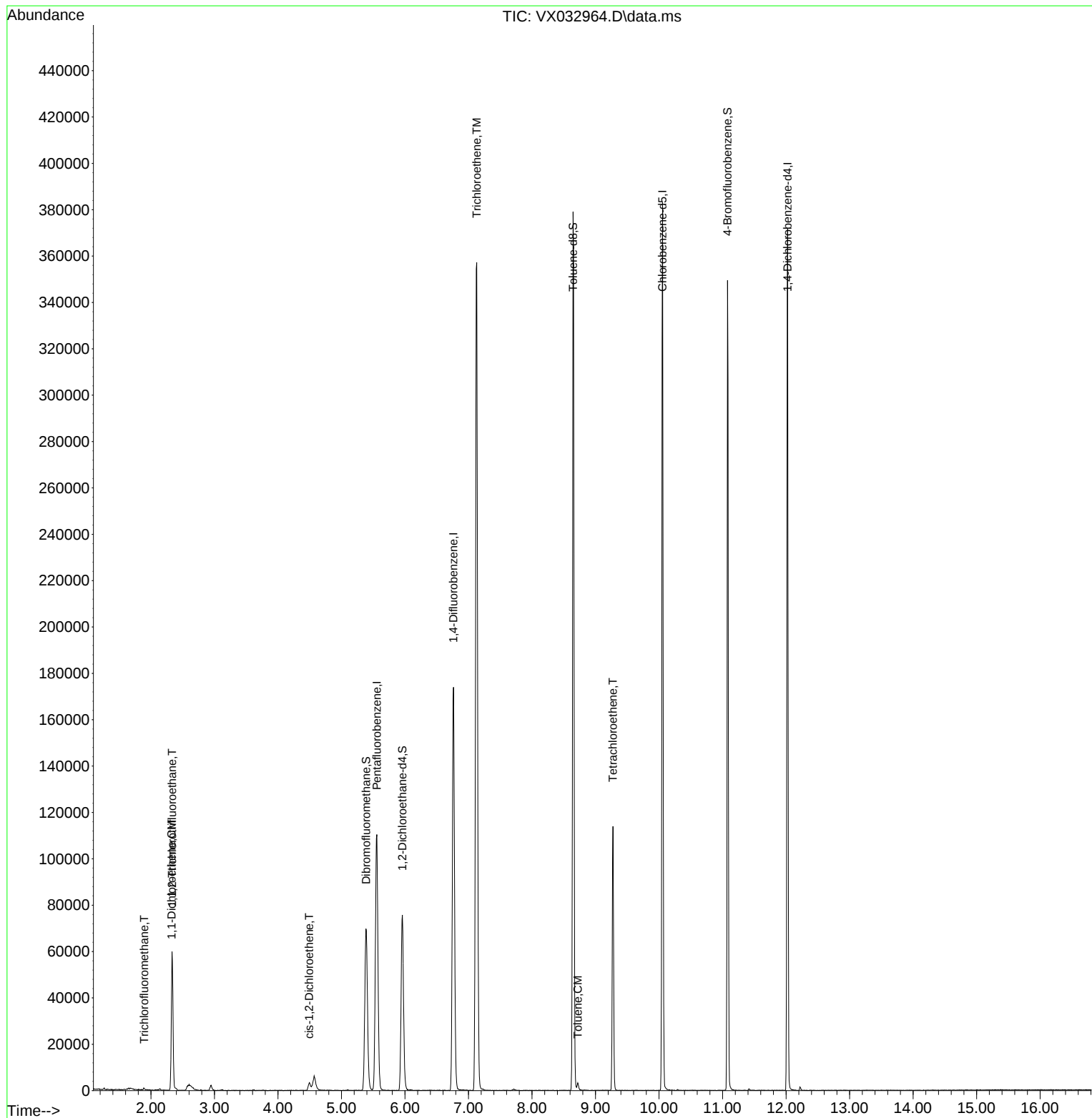
Internal Standards						
1) Pentafluorobenzene	5.556	168	103495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76132	52.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.880%			
35) Dibromofluoromethane	5.385	113	60895	48.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	225723	51.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	86485	50.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.892	101	537	0.255	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	21875	19.688	ug/l	99
12) 1,1-Dichloroethene	2.325	96	465	0.448	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	2091	1.601	ug/l	97
44) Trichloroethene	7.129	130	139447	99.392	ug/l	98
52) Toluene	8.720	92	1258	0.387	ug/l	94
64) Tetrachloroethene	9.275	164	20677	17.153	ug/l	97

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

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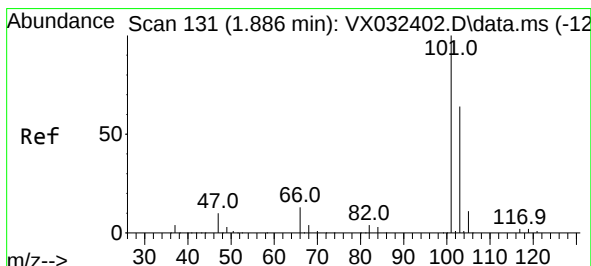
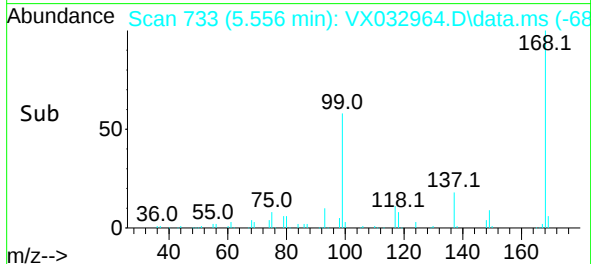
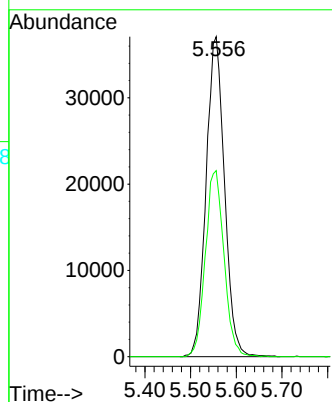
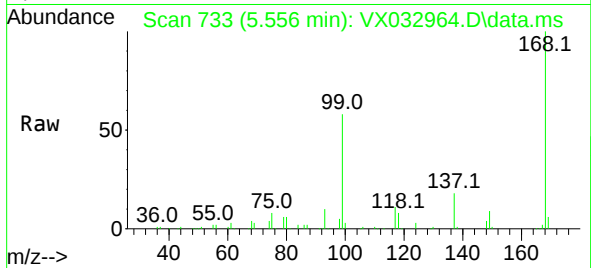




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

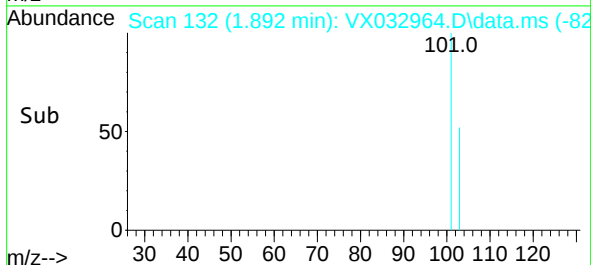
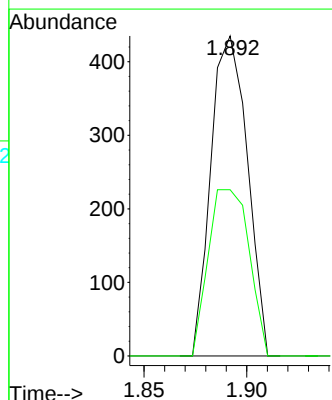
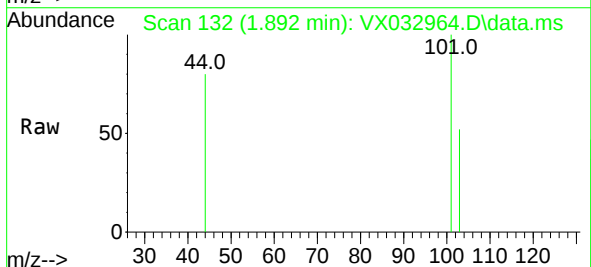
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

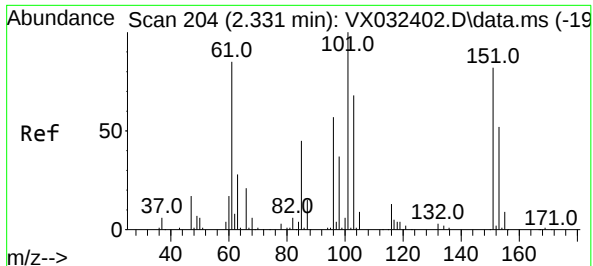
Tgt Ion:168 Resp: 103495
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#7
Trichlorofluoromethane
Concen: 0.255 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion:101 Resp: 537
Ion Ratio Lower Upper
101 100
103 52.0 51.4 77.2

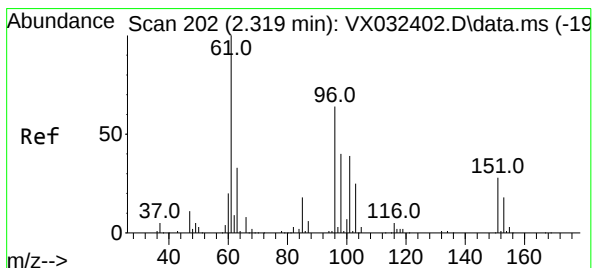
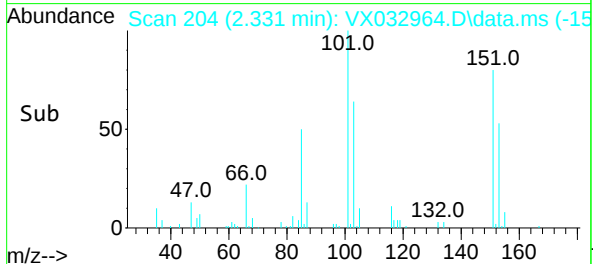
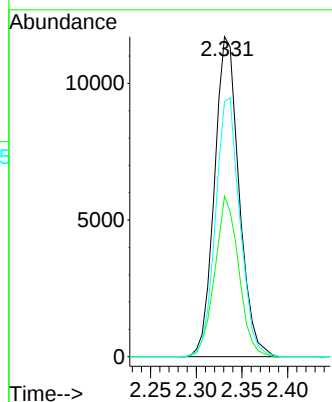
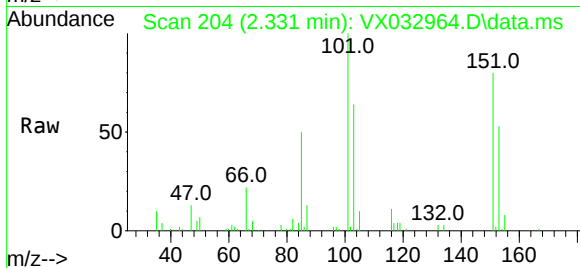




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.688 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX032964.D
 Acq: 21 Nov 2022 19:46

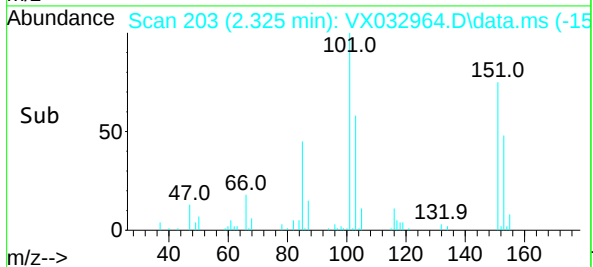
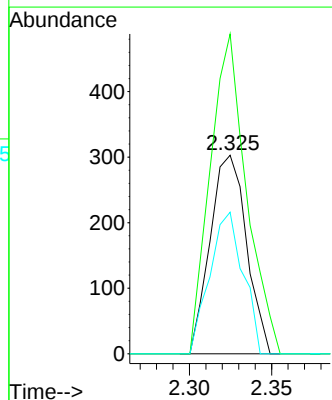
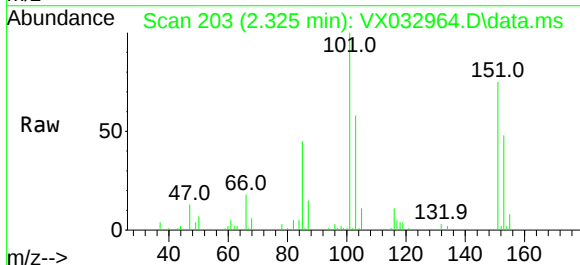
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115

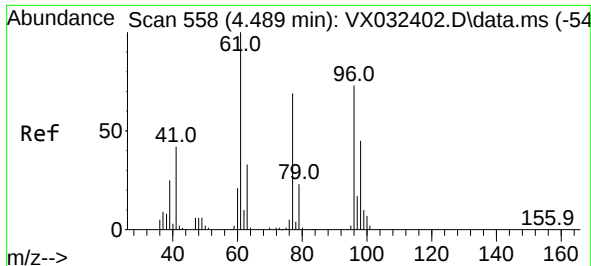
Tgt Ion:101 Resp: 21875
 Ion Ratio Lower Upper
 101 100
 85 48.7 37.0 55.4
 151 80.4 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 0.448 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX032964.D
 Acq: 21 Nov 2022 19:46

Tgt Ion: 96 Resp: 465
 Ion Ratio Lower Upper
 96 100
 61 161.1 125.1 187.7
 98 71.3 50.6 76.0





#27

cis-1,2-Dichloroethene

Concen: 1.601 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX032964.D

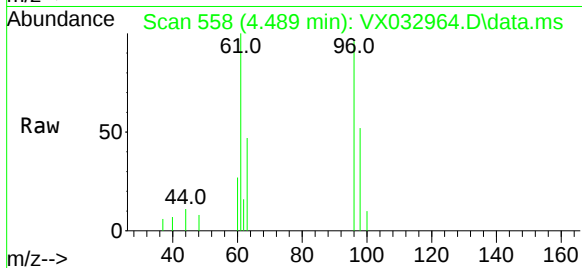
Acq: 21 Nov 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20221115



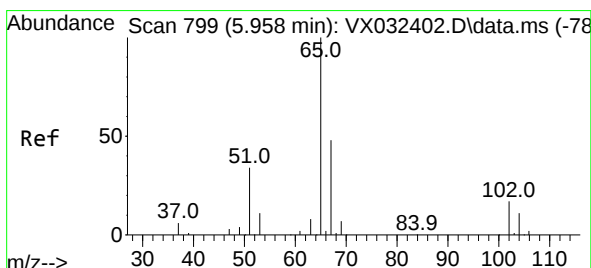
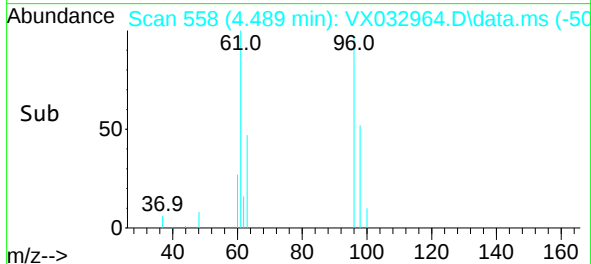
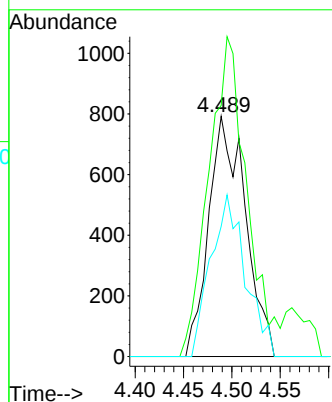
Tgt Ion: 96 Resp: 2091

Ion Ratio Lower Upper

96 100

61 138.2 0.0 286.0

98 63.7 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 52.942 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032964.D

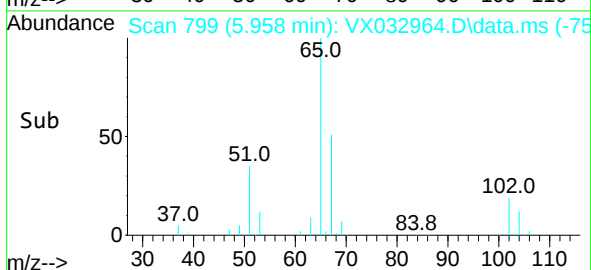
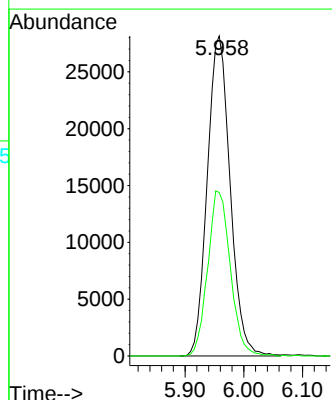
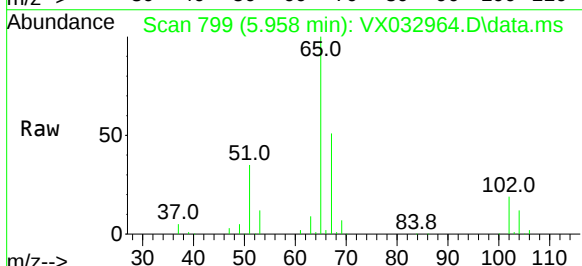
Acq: 21 Nov 2022 19:46

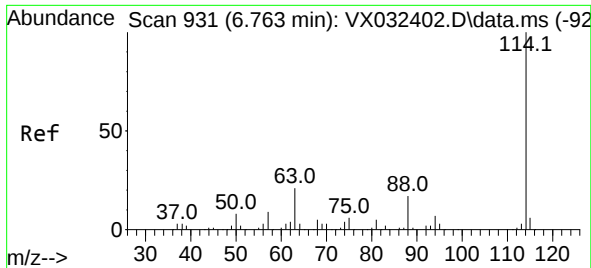
Tgt Ion: 65 Resp: 76132

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8

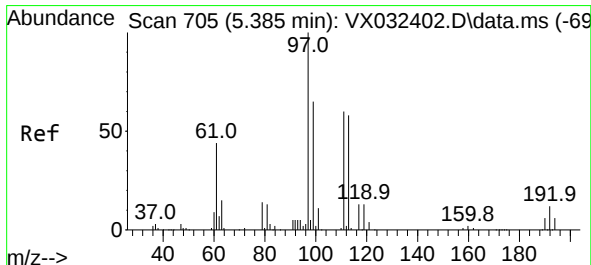
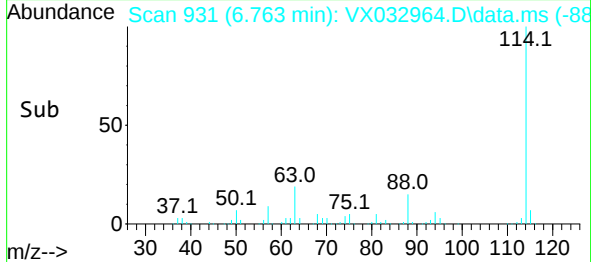
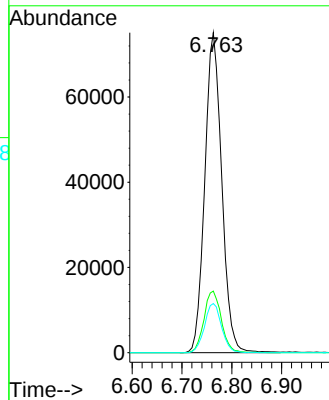
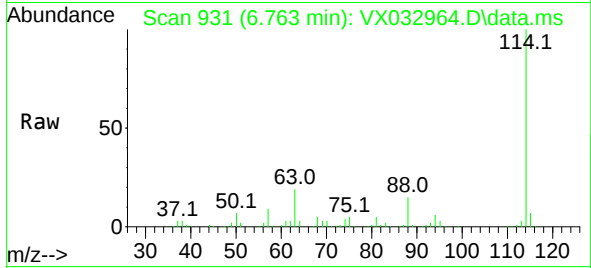




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

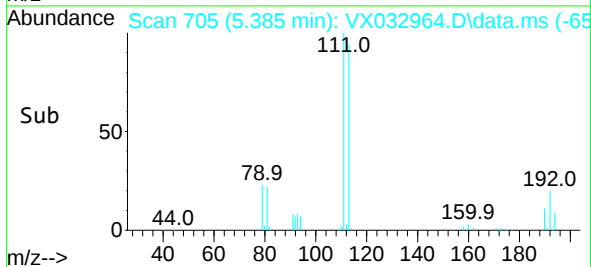
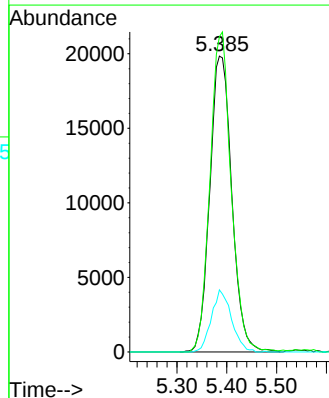
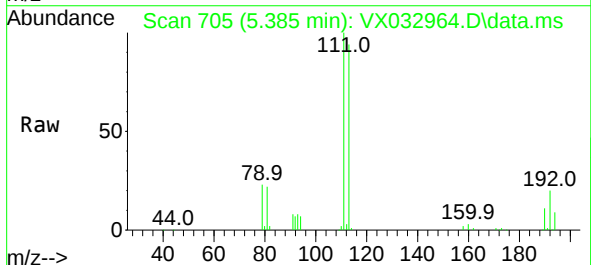
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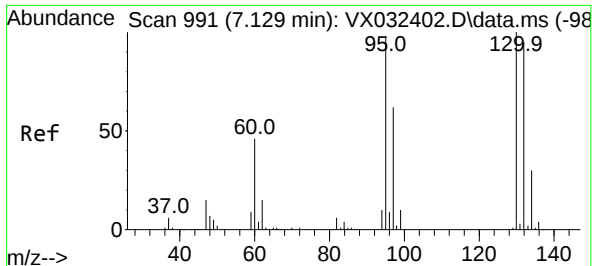
Tgt Ion:114 Resp: 177304
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.149 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion:113 Resp: 60895
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 15.4 23.2

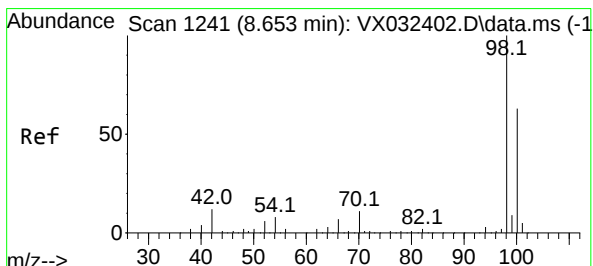
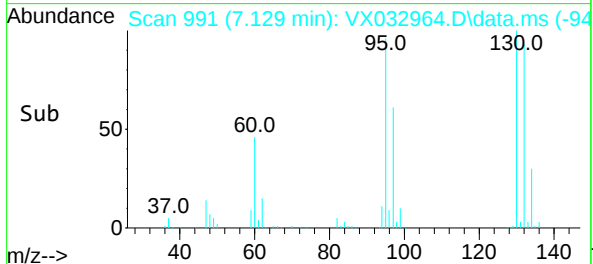
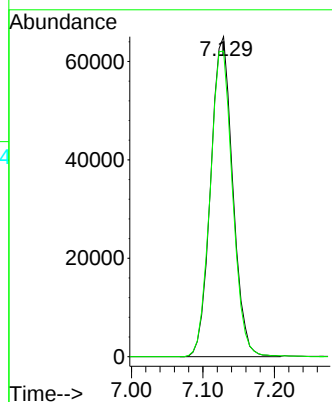
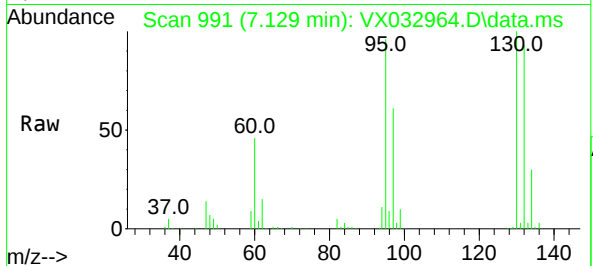




#44
Trichloroethene
Concen: 99.392 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

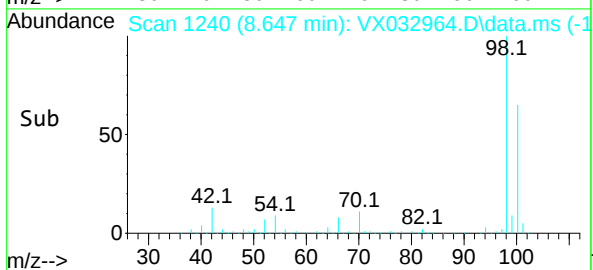
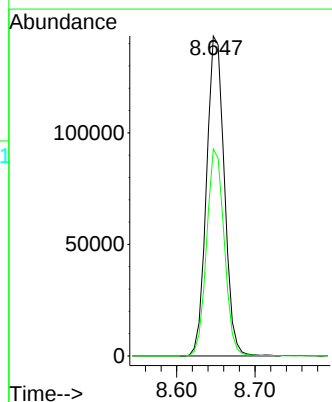
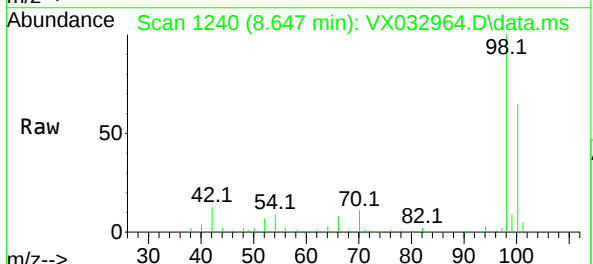
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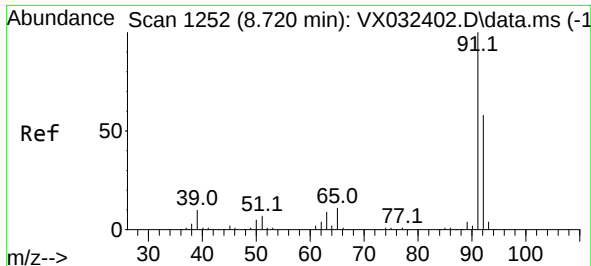
Tgt Ion:130 Resp: 139447
Ion Ratio Lower Upper
130 100
95 95.5 0.0 195.2



#50
Toluene-d8
Concen: 51.327 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 98 Resp: 225723
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

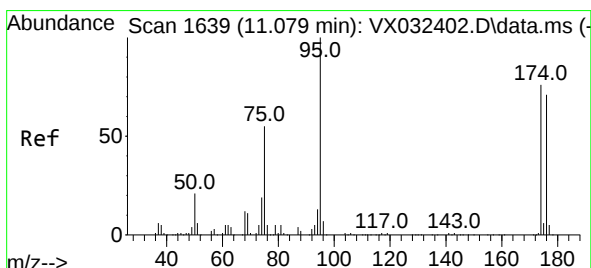
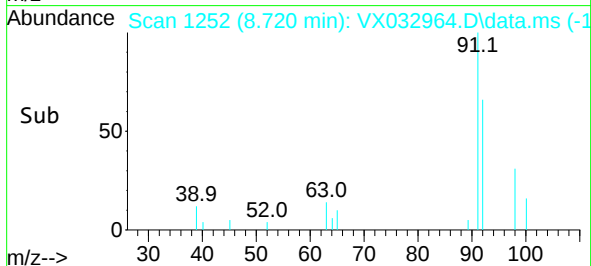
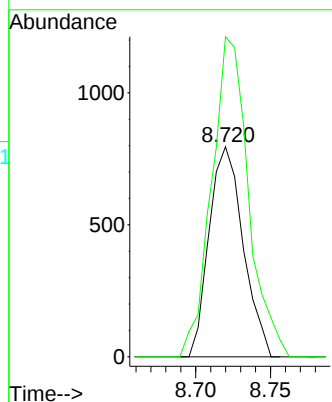
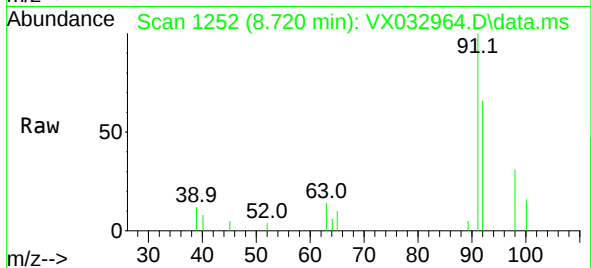




#52
Toluene
Concen: 0.387 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

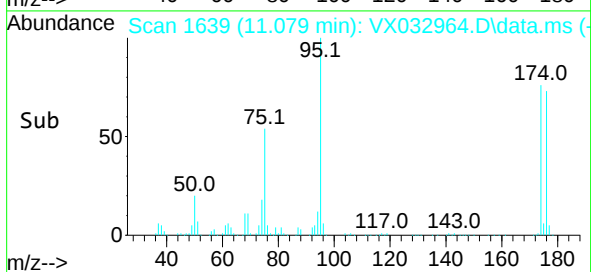
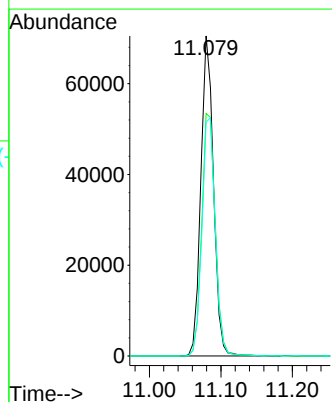
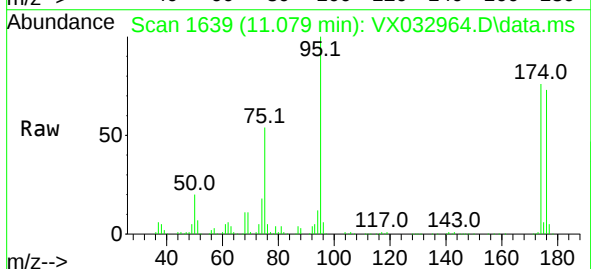
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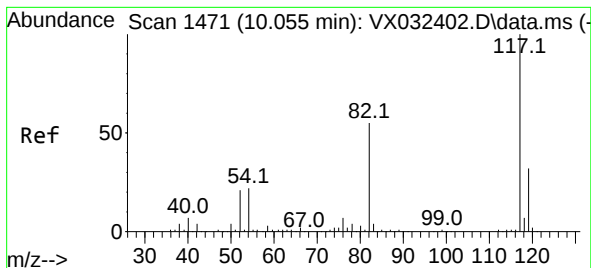
Tgt Ion: 92 Resp: 1258
Ion Ratio Lower Upper
92 100
91 165.1 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 95 Resp: 86485
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.7 0.0 154.4

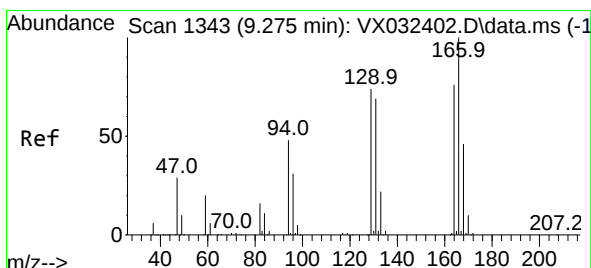
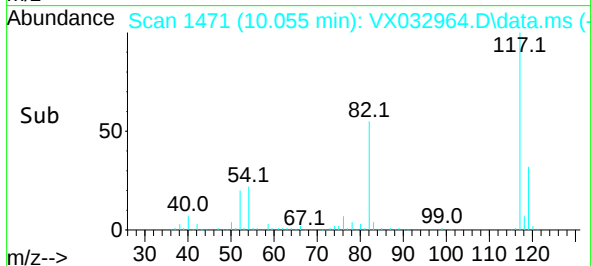
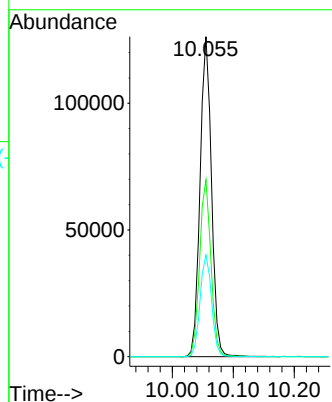
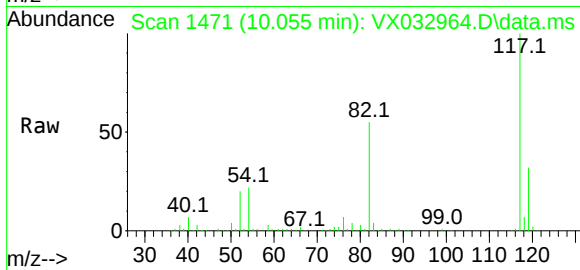




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

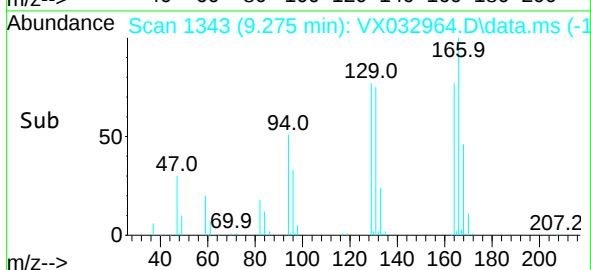
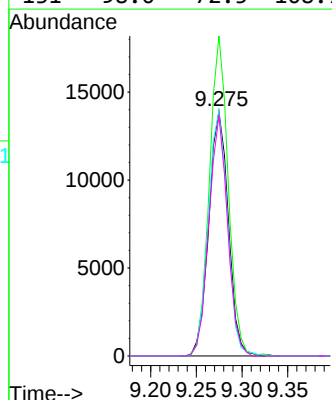
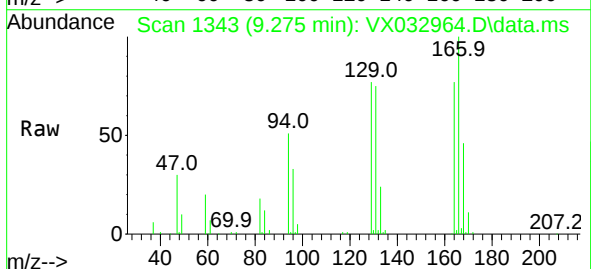
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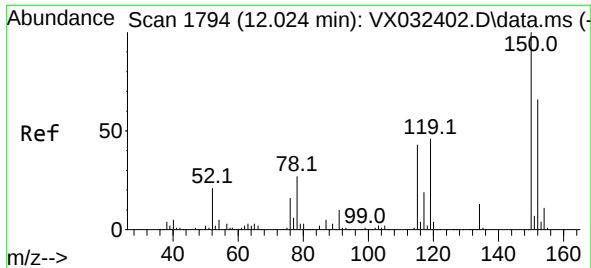
Tgt Ion:117 Resp: 164691
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 17.153 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

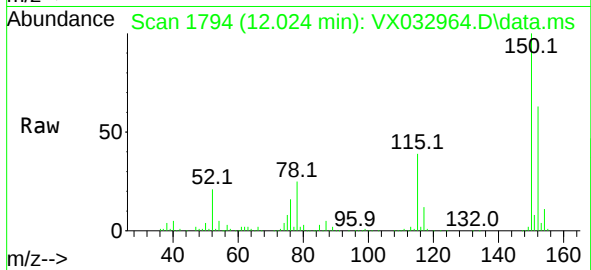
Tgt Ion:164 Resp: 20677
Ion Ratio Lower Upper
164 100
166 130.7 105.4 158.2
129 100.0 78.2 117.2
131 98.0 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032964.D
 Acq: 21 Nov 2022 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115



Tgt Ion:152 Resp: 76824
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.0 132.0
 150 155.6 0.0 351.8

