

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032962.D
 Acq On : 21 Nov 2022 19:00
 Operator : JC/MD
 Sample : N5730-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20221118

Quant Time: Nov 22 05:13:25 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)

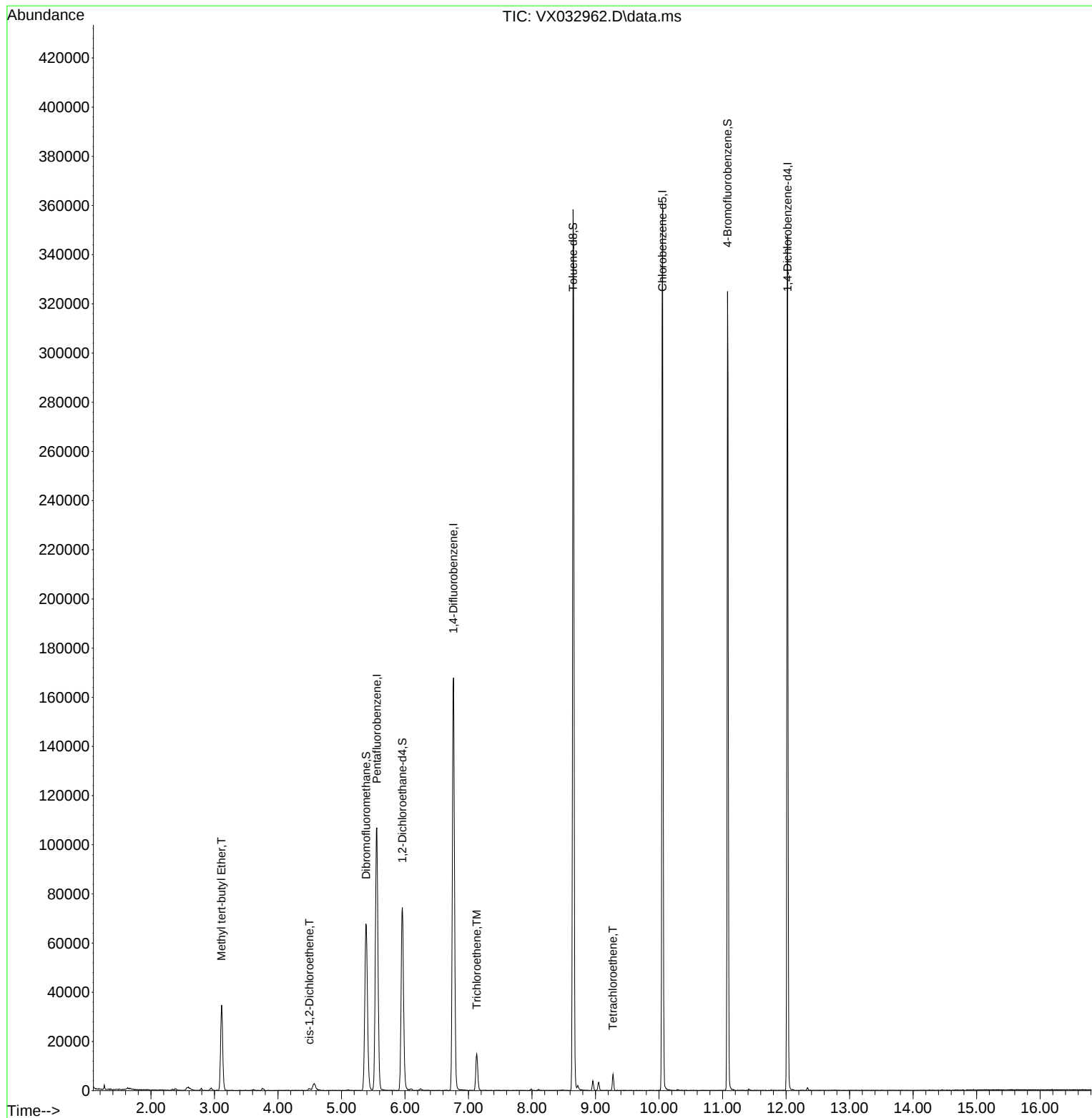
Internal Standards						
1) Pentafluorobenzene	5.556	168	101794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75372	53.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.580%
35) Dibromofluoromethane	5.385	113	59175	48.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.647	98	215014	50.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	80978	48.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.111	73	36939	10.295	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	518	0.403	ug/l	91
44) Trichloroethene	7.129	130	5818	4.259	ug/l	94
64) Tetrachloroethene	9.275	164	1176	1.027	ug/l	93

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

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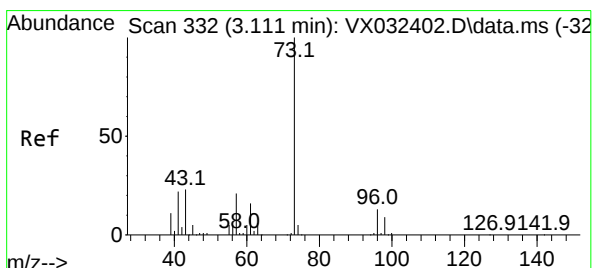
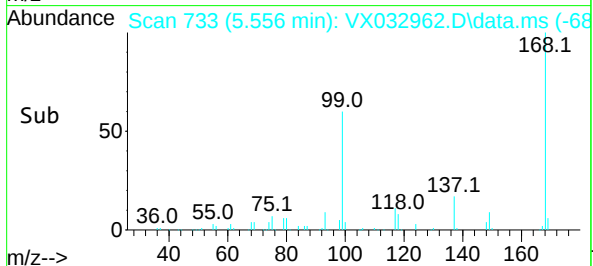
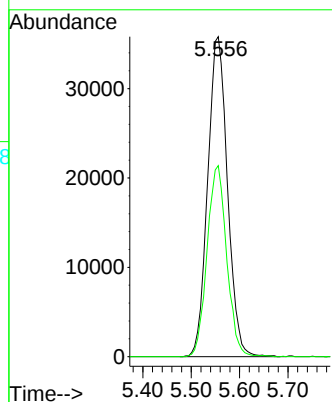
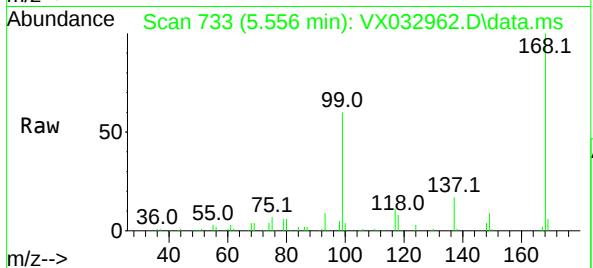




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

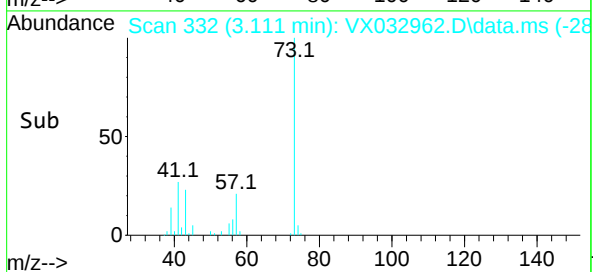
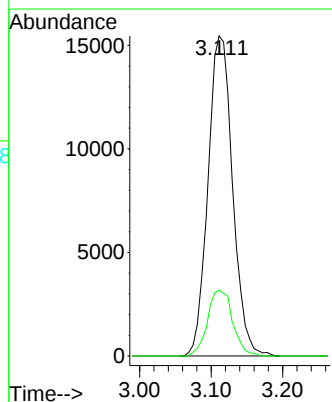
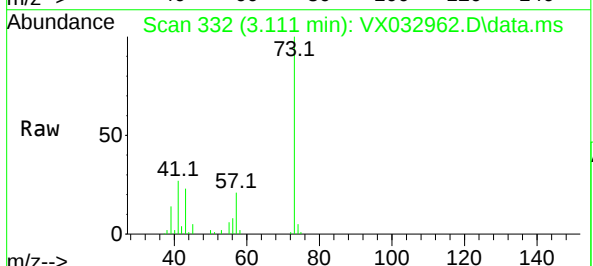
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

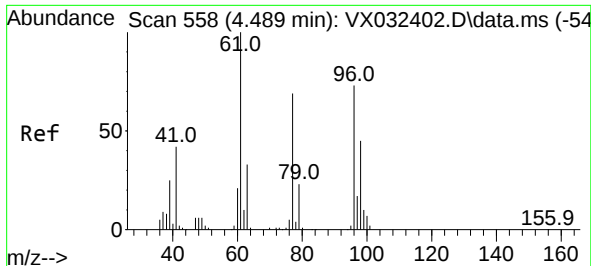
Tgt Ion:168 Resp: 101794
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 10.295 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 73 Resp: 36939
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0





#27

cis-1,2-Dichloroethene

Concen: 0.403 ug/l

RT: 4.495 min Scan# 518

Delta R.T. 0.006 min

Lab File: VX032962.D

Acq: 21 Nov 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20221118

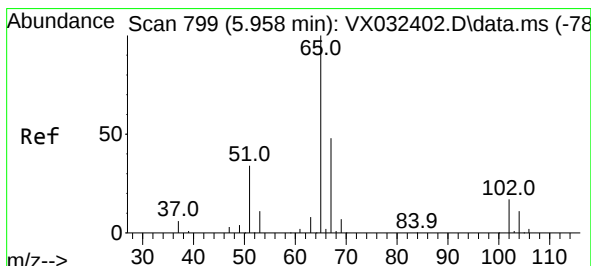
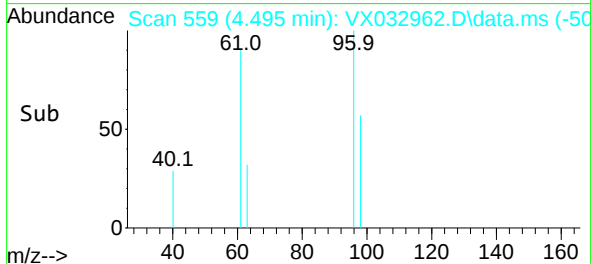
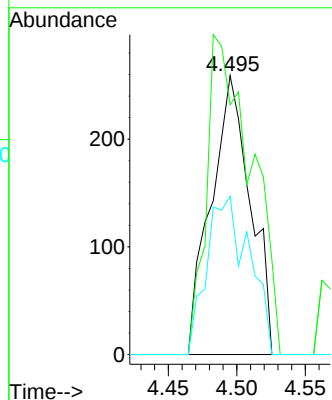
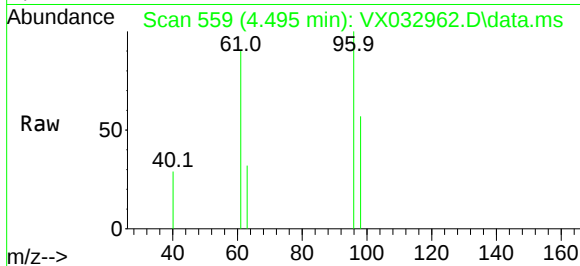
Tgt Ion: 96 Resp: 518

Ion Ratio Lower Upper

96 100

61 129.3 0.0 286.0

98 61.2 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 53.289 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032962.D

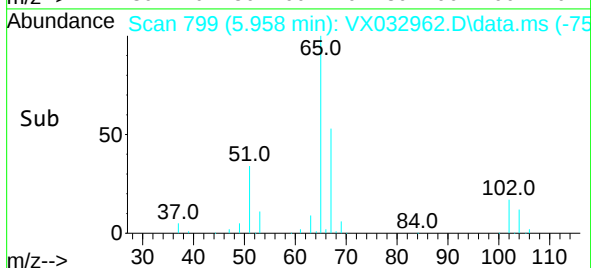
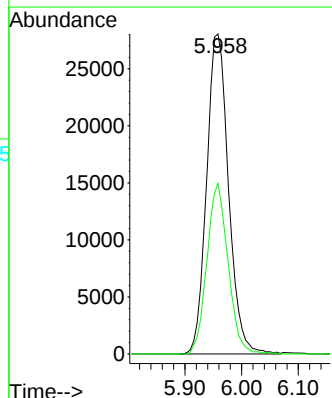
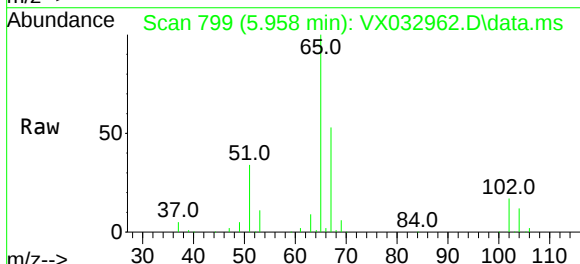
Acq: 21 Nov 2022 19:00

Tgt Ion: 65 Resp: 75372

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8

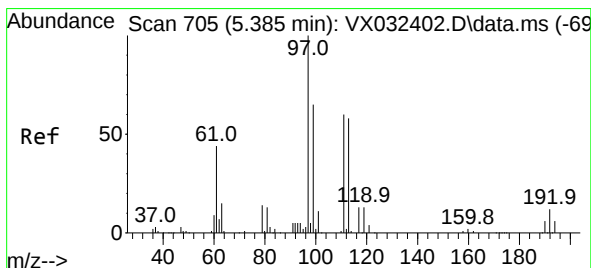
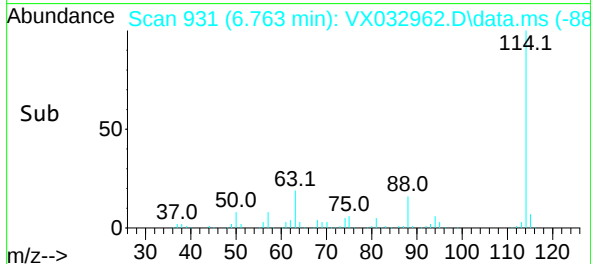
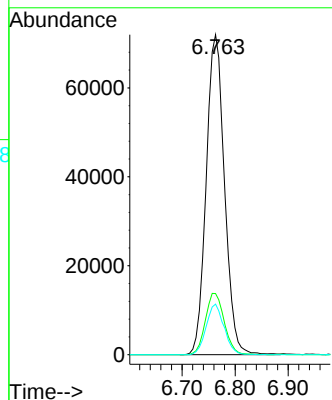
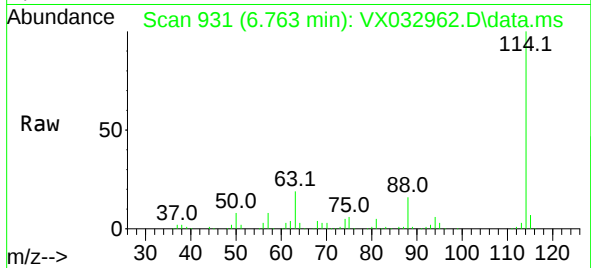




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

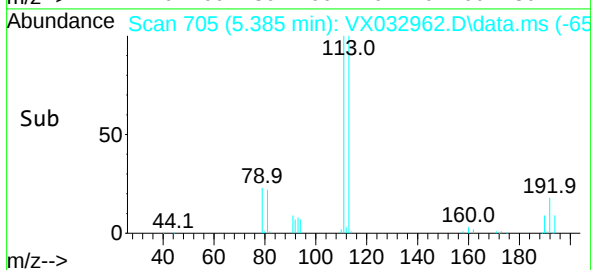
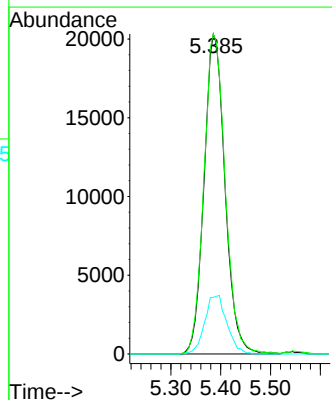
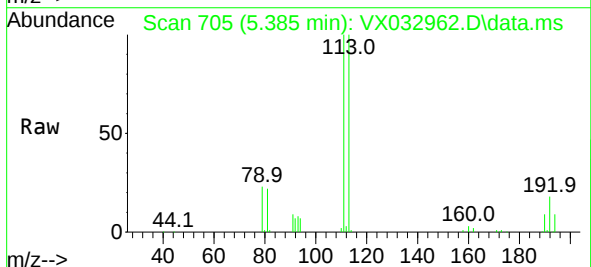
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

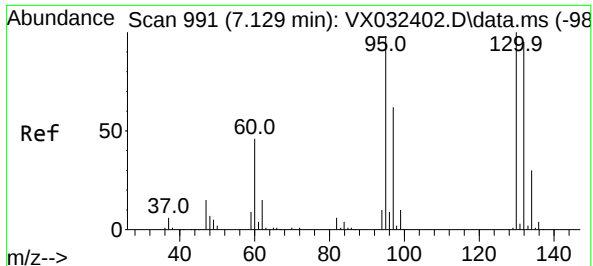
Tgt Ion:114 Resp: 172628
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.056 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion:113 Resp: 59175
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.3 15.4 23.2

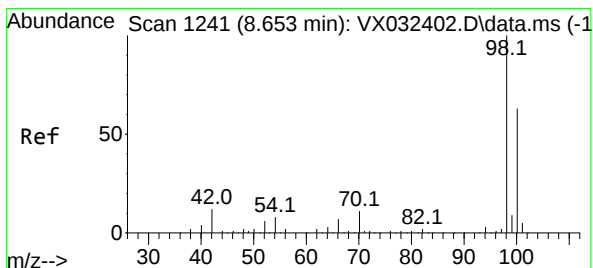
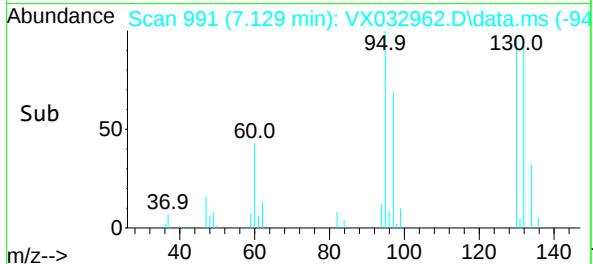
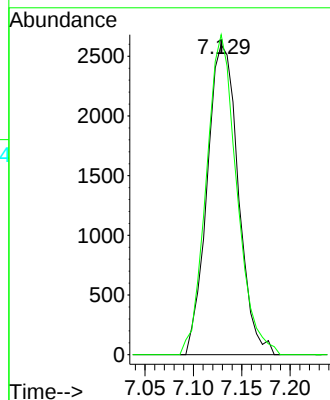
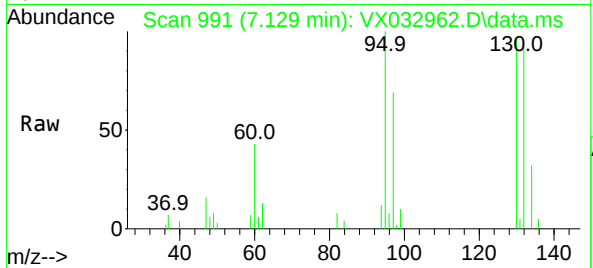




#44
Trichloroethene
Concen: 4.259 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

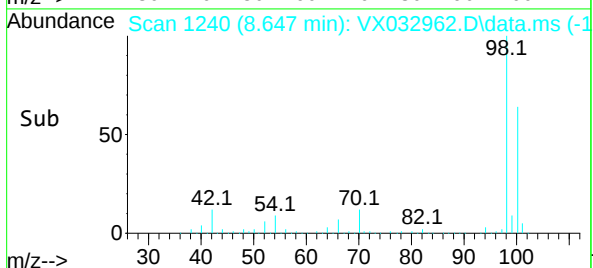
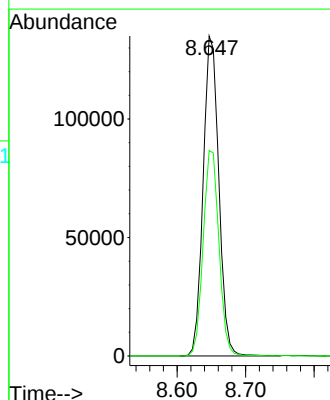
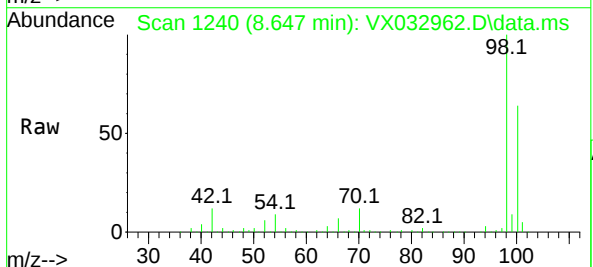
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20221118

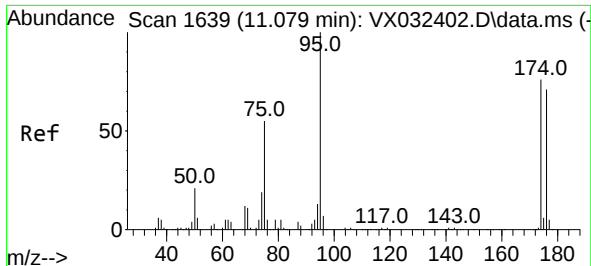
Tgt Ion:130 Resp: 5818
Ion Ratio Lower Upper
130 100
95 103.2 0.0 195.2



#50
Toluene-d8
Concen: 50.216 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion: 98 Resp: 215014
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 48.416 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032962.D

Acq: 21 Nov 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20221118

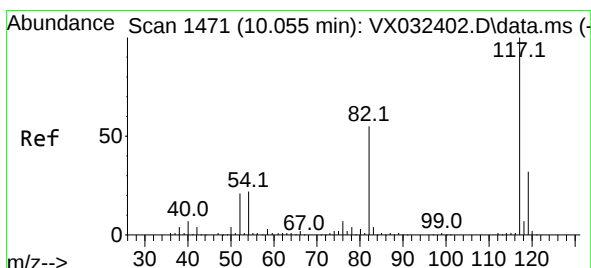
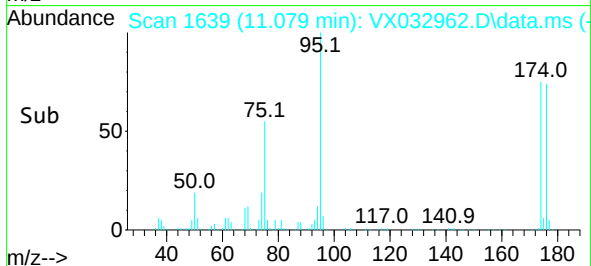
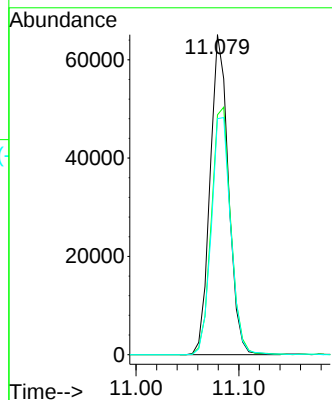
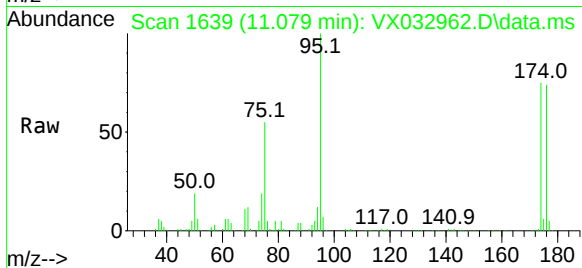
Tgt Ion: 95 Resp: 80978

Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 78.8 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: VX032962.D

Acq: 21 Nov 2022 19:00

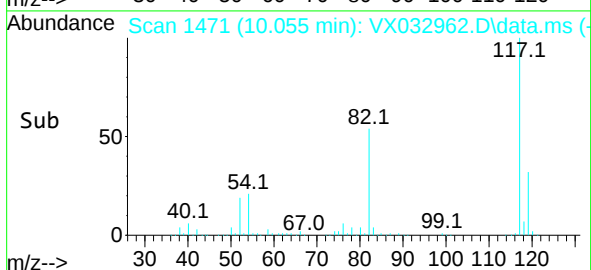
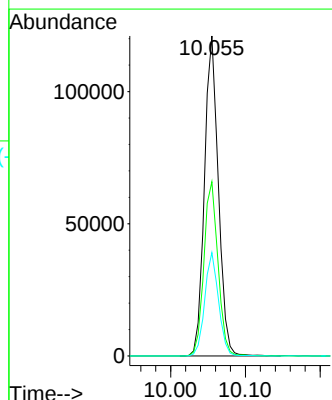
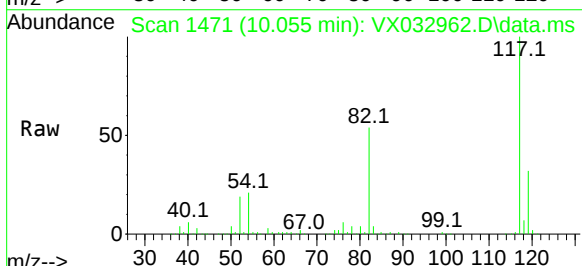
Tgt Ion: 117 Resp: 156399

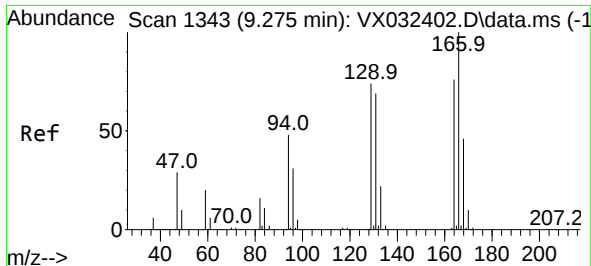
Ion Ratio Lower Upper

117 100

82 54.4 44.3 66.5

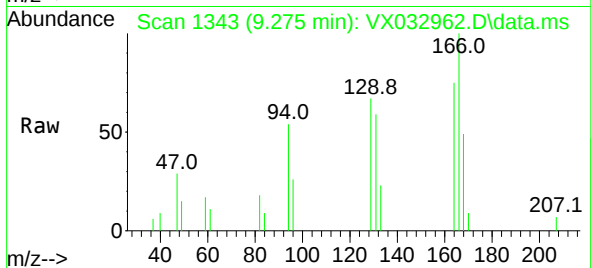
119 32.3 25.7 38.5



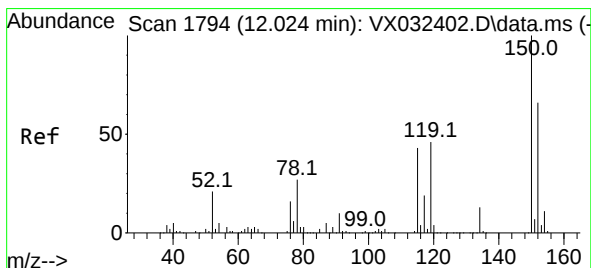
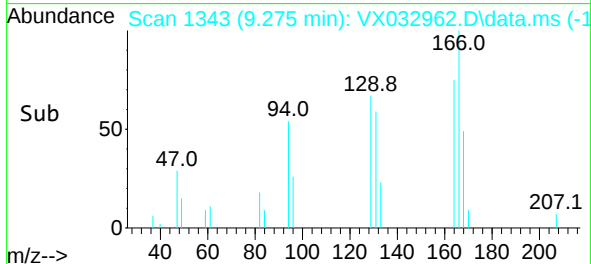
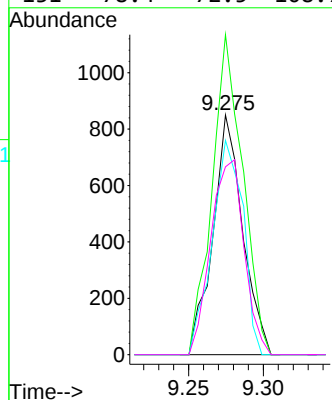


#64
Tetrachloroethene
Concen: 1.027 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032962.D
Acq: 21 Nov 2022 19:00

Instrument :
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Tgt Ion:164 Resp: 1176
Ion Ratio Lower Upper
164 100
166 133.5 105.4 158.2
129 89.4 78.2 117.2
131 78.4 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: VX032962.D
Acq: 21 Nov 2022 19:00

Tgt Ion:152 Resp: 70789
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 158.7 0.0 351.8

