

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033403.D
 Acq On : 13 Dec 2022 19:21
 Operator : JC/MD
 Sample : N6001-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Dec 14 05:41:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

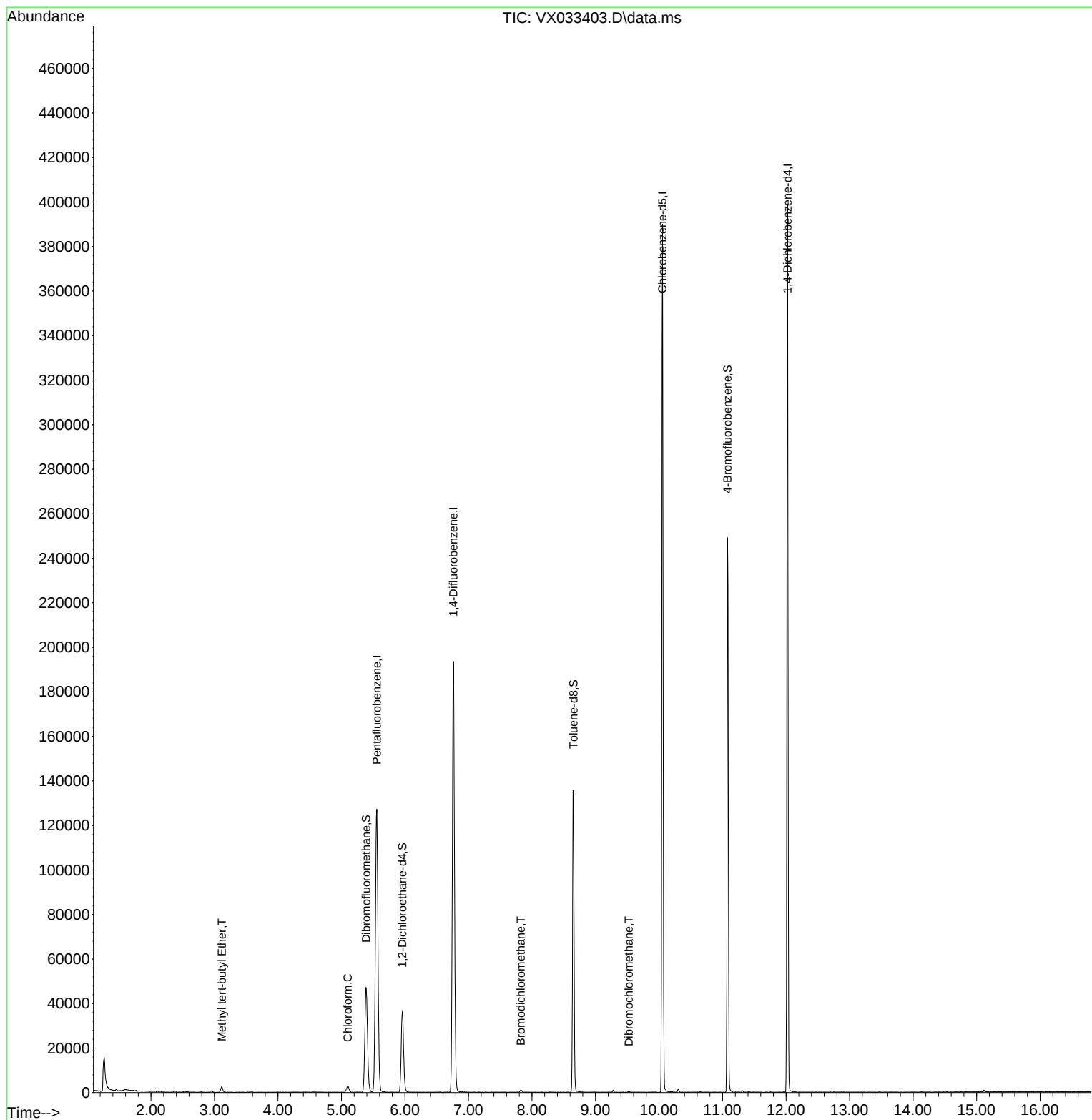
Internal Standards						
1) Pentafluorobenzene	5.556	168	121529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37655	48.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.600%
35) Dibromofluoromethane	5.385	113	41571	45.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.600%
50) Toluene-d8	8.653	98	85078	44.810	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.620%#
62) 4-Bromofluorobenzene	11.079	95	64551	44.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.920%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	3000	0.786	ug/l	98
30) Chloroform	5.098	83	3591	1.460	ug/l	89
47) Bromodichloromethane	7.823	83	984	0.502	ug/l #	74
60) Dibromochloromethane	9.524	129	362	0.234	ug/l	78

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

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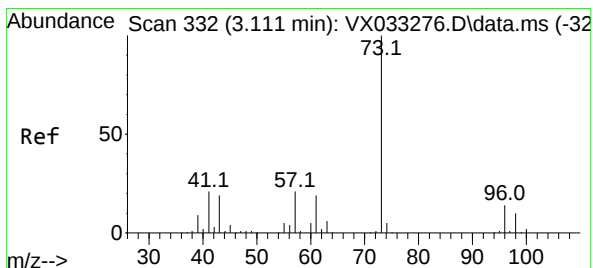
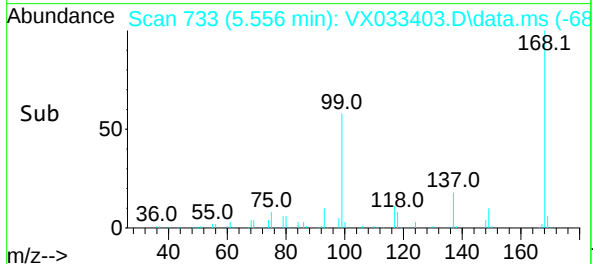
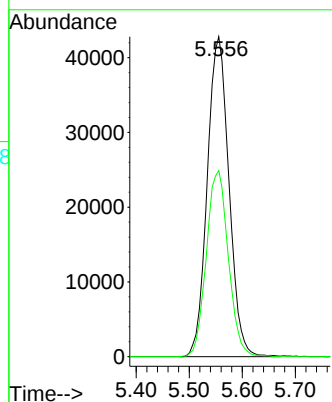
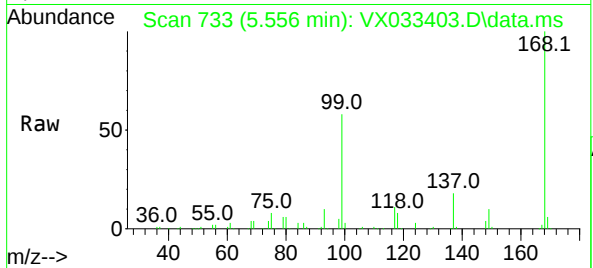




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

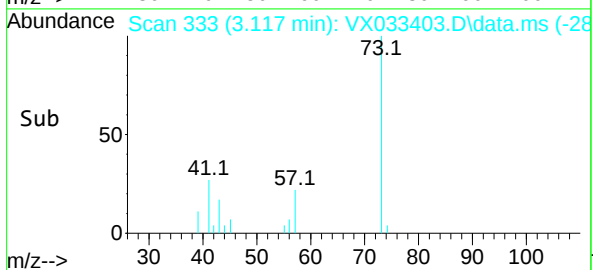
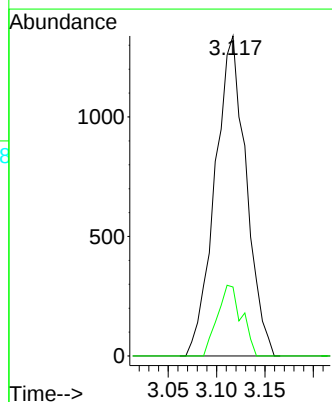
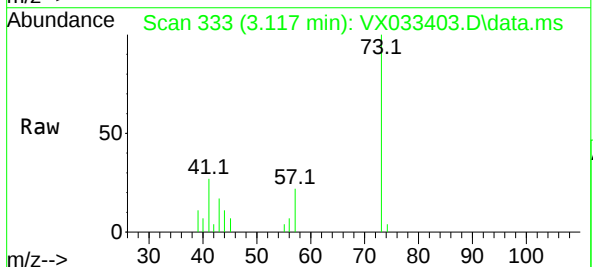
Instrument :
MSVOA_X
ClientSampleId :
MW-17

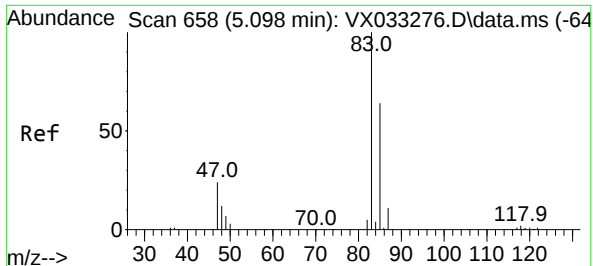
Tgt Ion:168 Resp: 121529
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.786 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

Tgt Ion: 73 Resp: 3000
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0





#30

Chloroform

Concen: 1.460 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033403.D

Acq: 13 Dec 2022 19:21

Instrument :

MSVOA_X

ClientSampleId :

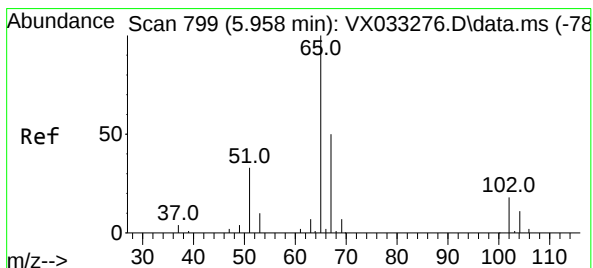
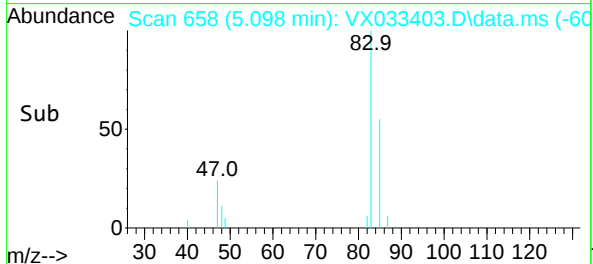
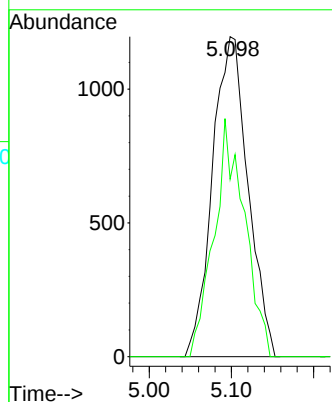
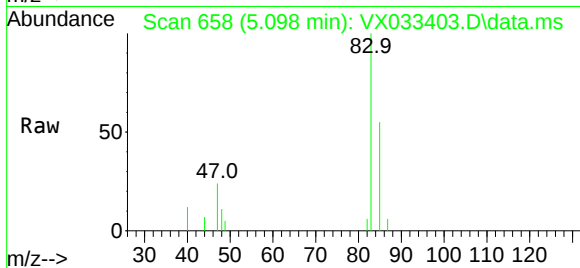
MW-17

Tgt Ion: 83 Resp: 3591

Ion Ratio Lower Upper

83 100

85 55.4 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 48.297 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033403.D

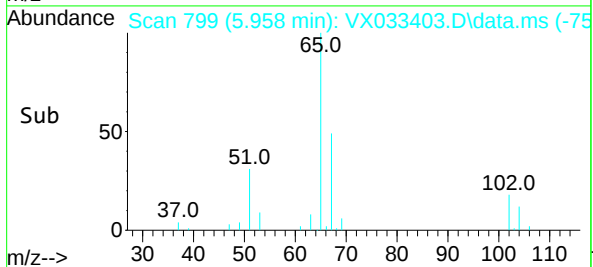
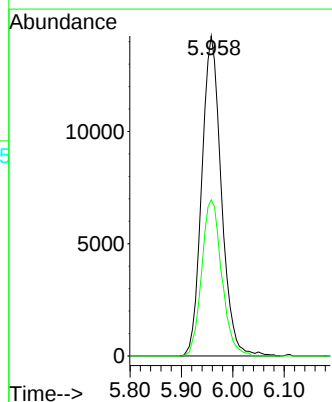
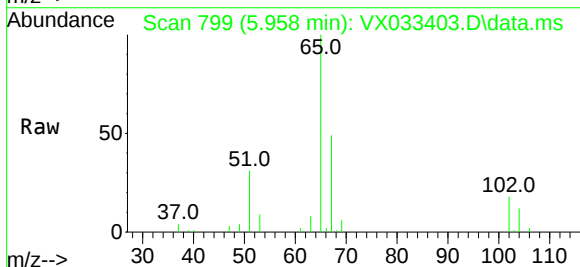
Acq: 13 Dec 2022 19:21

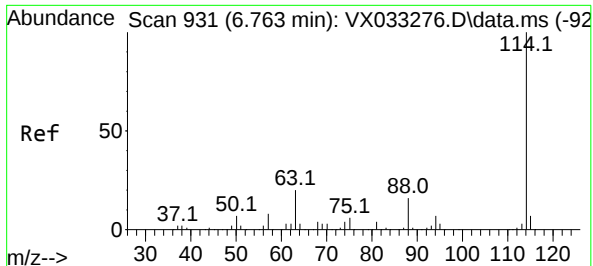
Tgt Ion: 65 Resp: 37655

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8

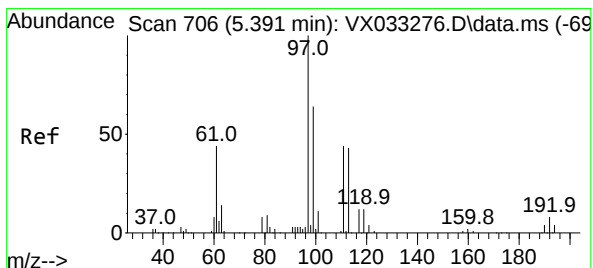
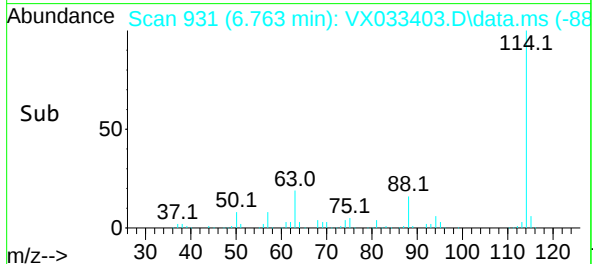
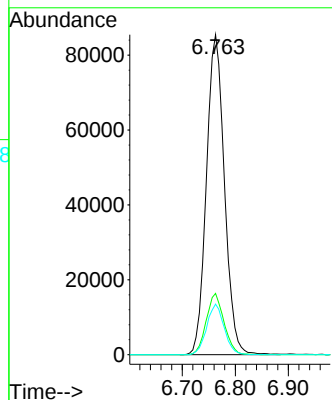
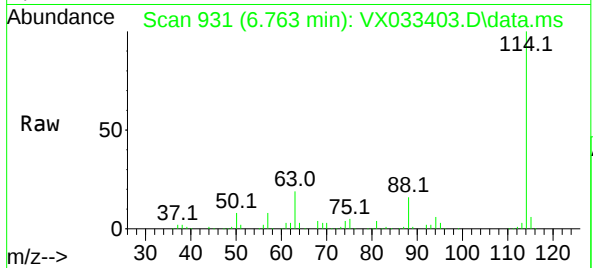




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

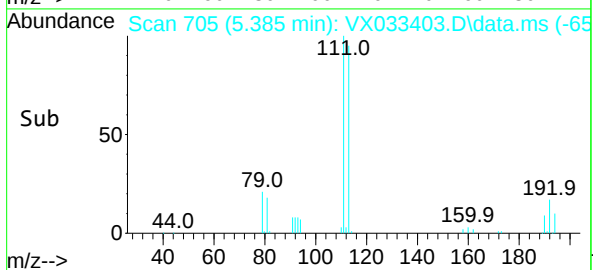
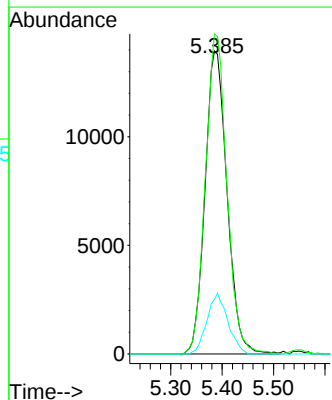
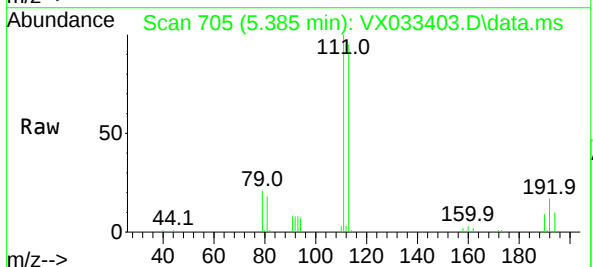
Instrument :
MSVOA_X
ClientSampleId :
MW-17

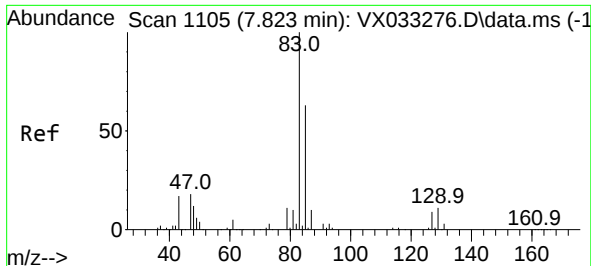
Tgt Ion:114 Resp: 201786
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.804 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

Tgt Ion:113 Resp: 41571
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.9 15.4 23.2

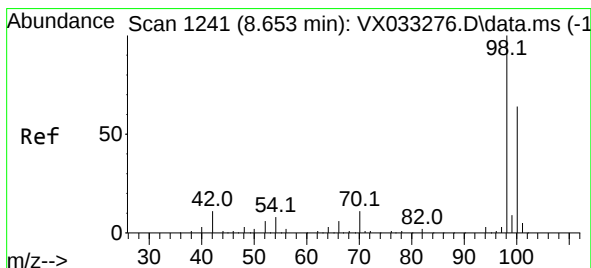
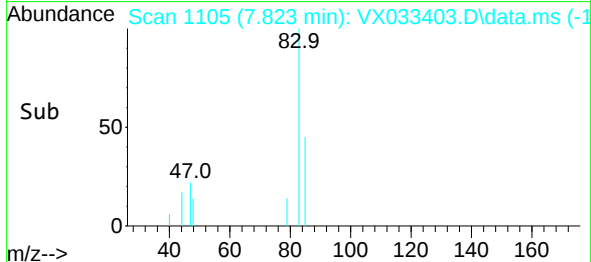
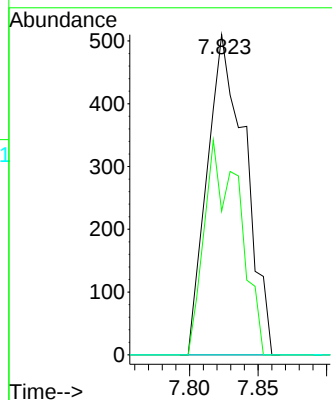
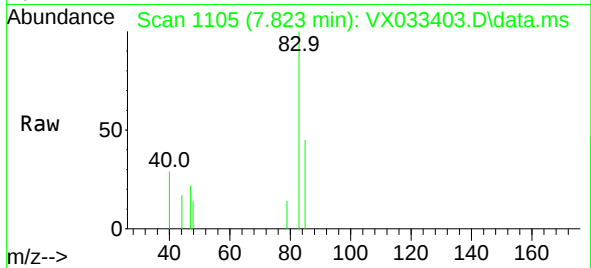




#47
Bromodichloromethane
Concen: 0.502 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

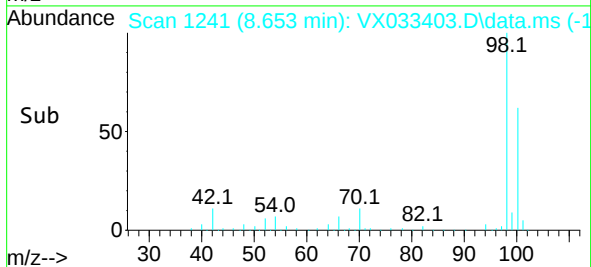
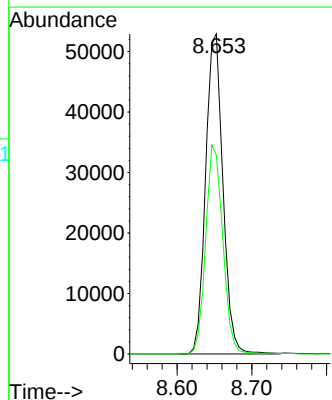
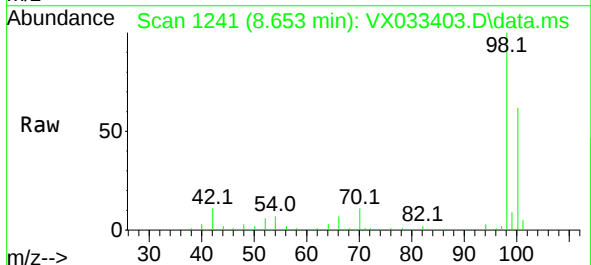
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ClientSampleId :
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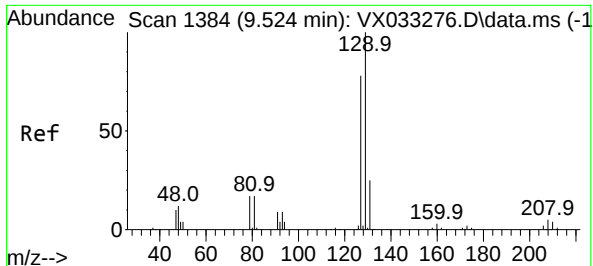
Tgt Ion: 83 Resp: 984
Ion Ratio Lower Upper
83 100
85 44.9 52.2 78.4#
127 0.0 7.4 11.2#



#50
Toluene-d8
Concen: 44.810 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

Tgt Ion: 98 Resp: 85078
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

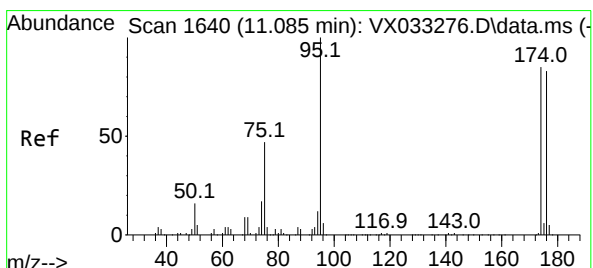
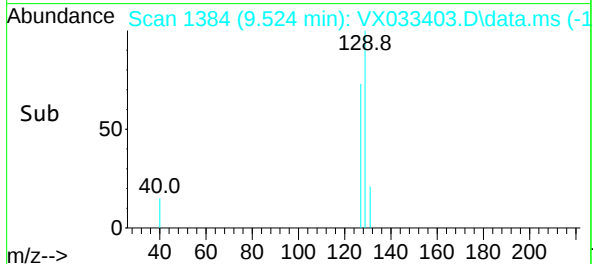
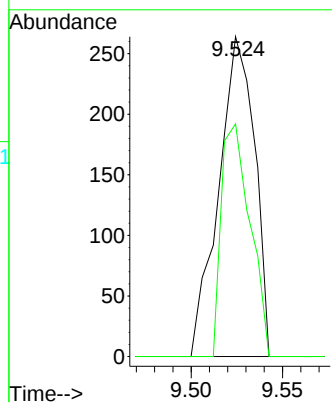
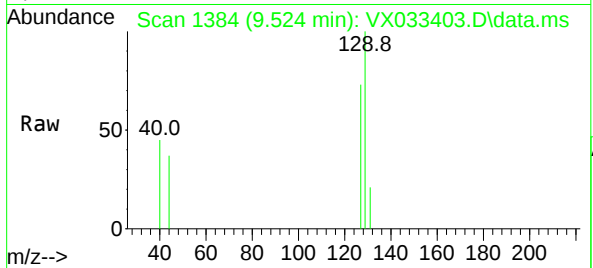




#60
Dibromochloromethane
Concen: 0.234 ug/l
RT: 9.524 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

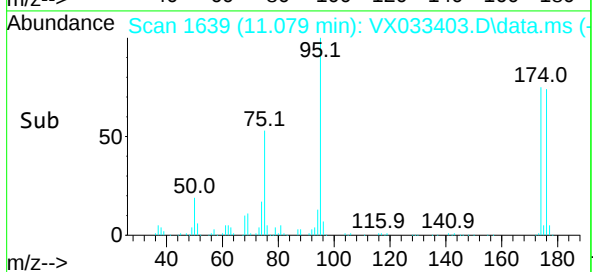
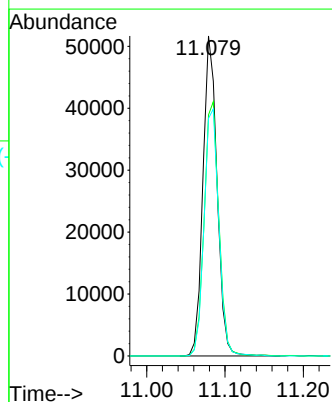
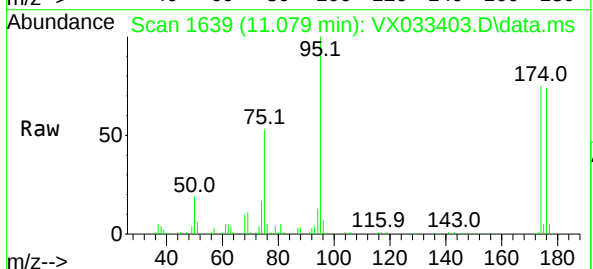
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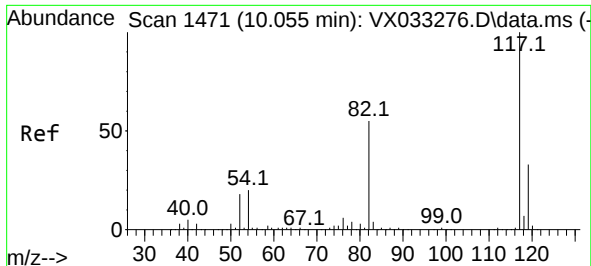
Tgt Ion:129 Resp: 362
Ion Ratio Lower Upper
129 100
127 58.0 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 44.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

Tgt Ion: 95 Resp: 64551
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.8 0.0 154.4

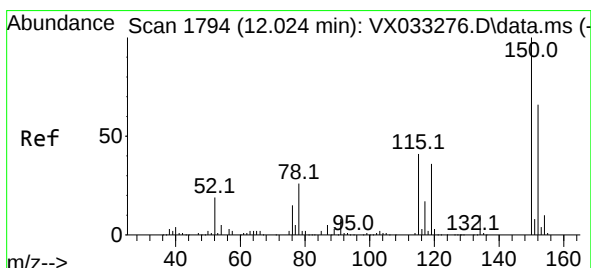
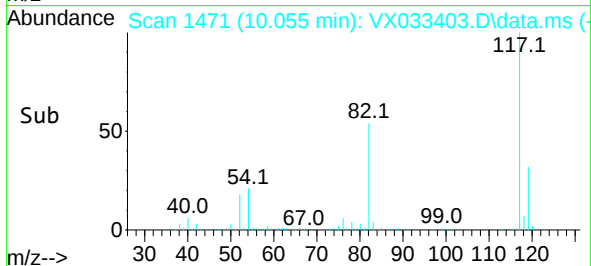
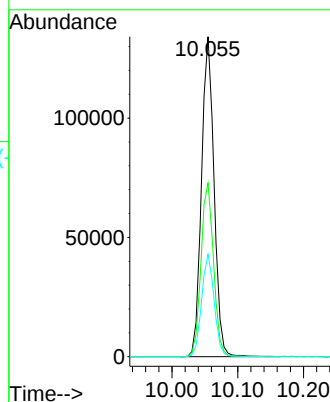
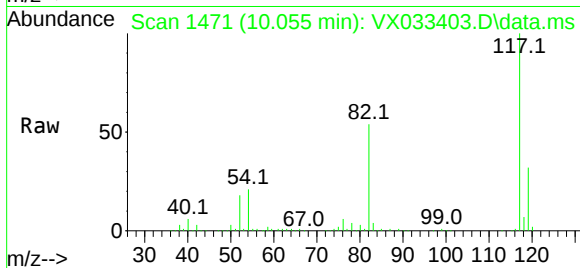




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 177801
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033403.D
Acq: 13 Dec 2022 19:21

Tgt Ion:152 Resp: 81333
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 158.9 0.0 351.8

