

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033402.D
 Acq On : 13 Dec 2022 18:58
 Operator : JC/MD
 Sample : N6001-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Quant Time: Dec 14 05:41:20 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)

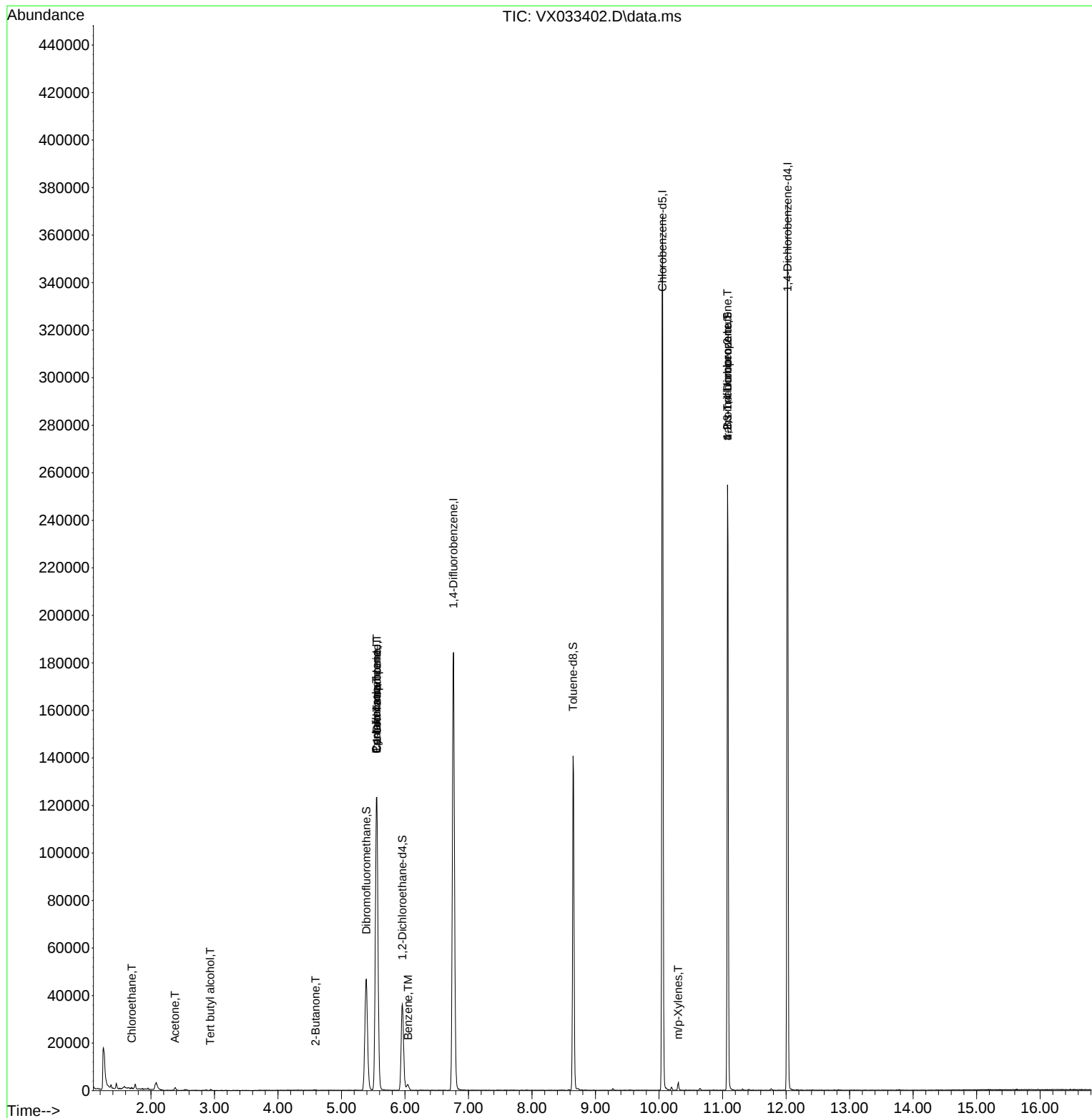
Internal Standards						
1) Pentafluorobenzene	5.550	168	121079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37959	48.868	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.740%
35) Dibromofluoromethane	5.391	113	41725	48.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.647	98	85745	47.343	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.680%
62) 4-Bromofluorobenzene	11.079	95	64315	46.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.880%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	293	0.346	ug/l #	42
11) Tert butyl alcohol	2.934	59	168	0.707	ug/l #	72
16) Acetone	2.379	43	1460	2.540	ug/l	98
25) 2-Butanone	4.592	43	191	0.231	ug/l #	47
31) Cyclohexane	5.550	56	2440	1.322	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8954	5.305	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12526	6.623	ug/l #	14
40) Benzene	6.050	78	2870	0.583	ug/l	90
68) m/p-Xylenes	10.299	106	817	0.349	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	33847	21.231	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33847	66.044	ug/l #	6

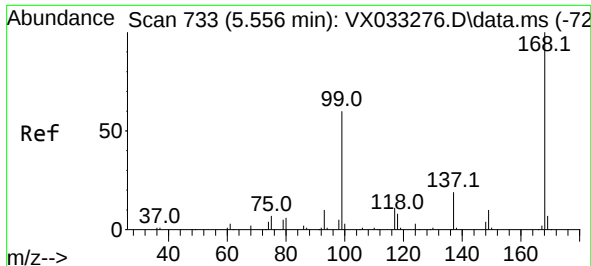
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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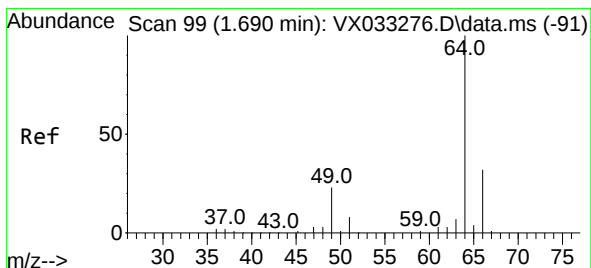
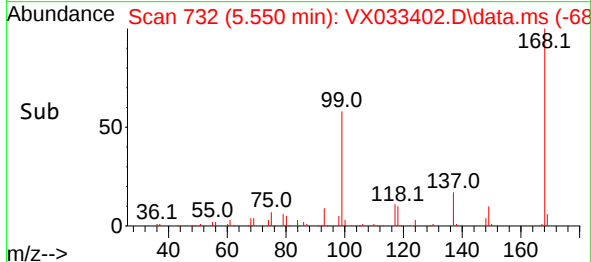
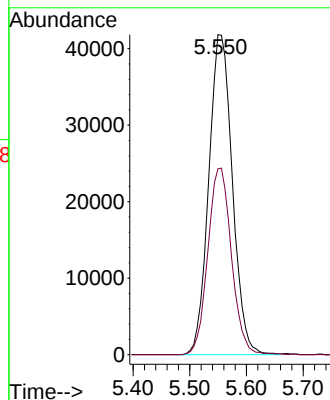
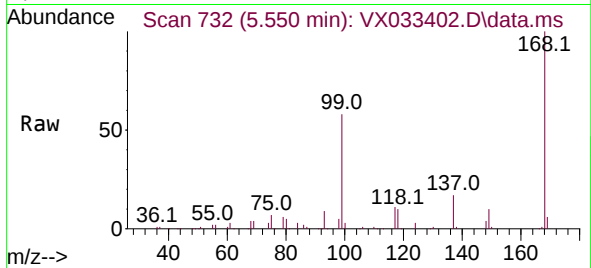




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

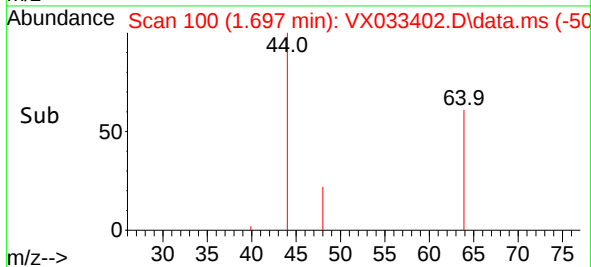
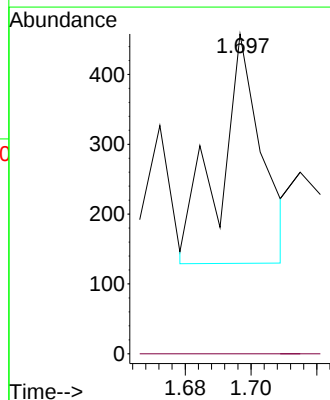
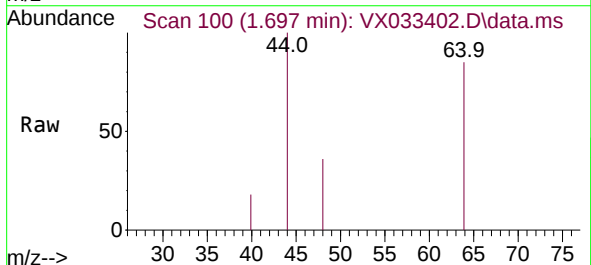
Instrument :
MSVOA_X
ClientSampleId :
MW-16

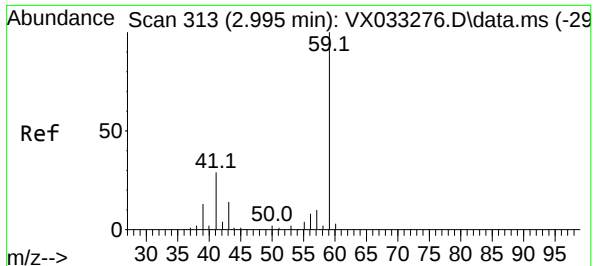
Tgt Ion:168 Resp: 121079
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#6
Chloroethane
Concen: 0.346 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0

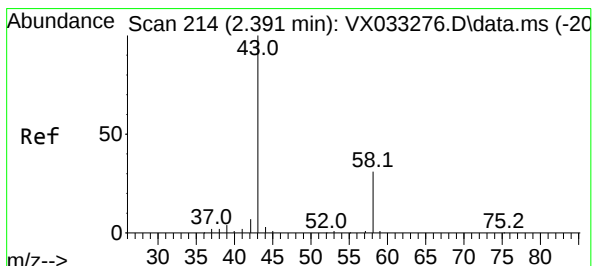
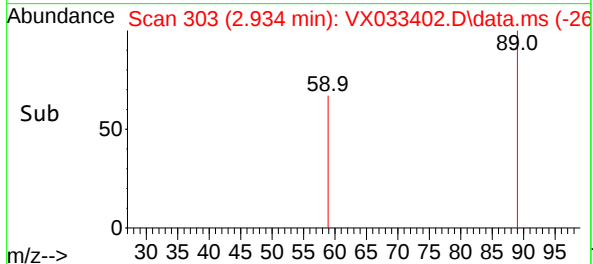
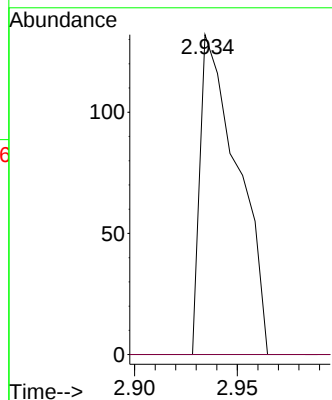
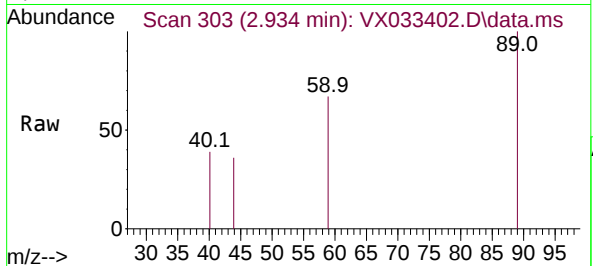




#11
Tert butyl alcohol
Concen: 0.707 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

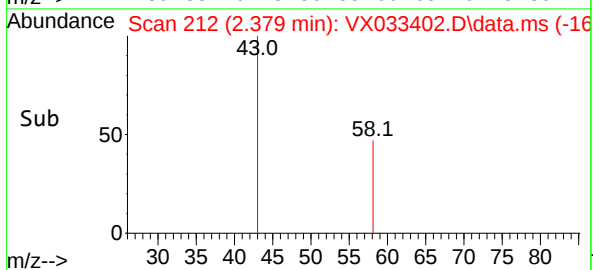
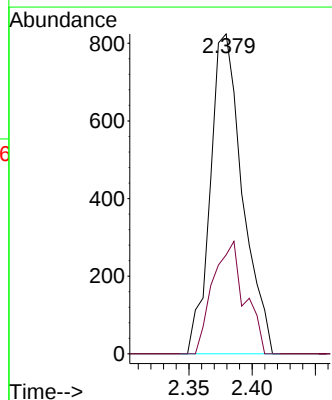
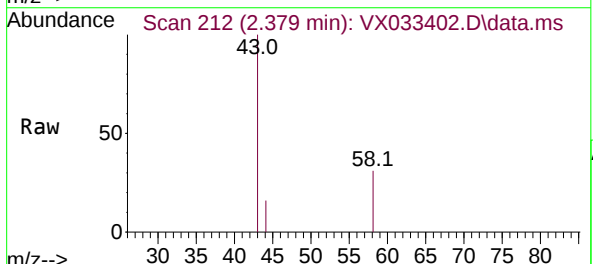
Instrument :
MSVOA_X
ClientSampleId :
MW-16

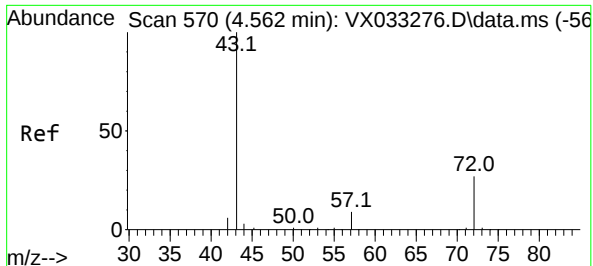
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.540 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

Tgt Ion: 43 Resp: 1460
Ion Ratio Lower Upper
43 100
58 30.9 23.8 35.8





#25

2-Butanone

Concen: 0.231 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX033402.D

Acq: 13 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

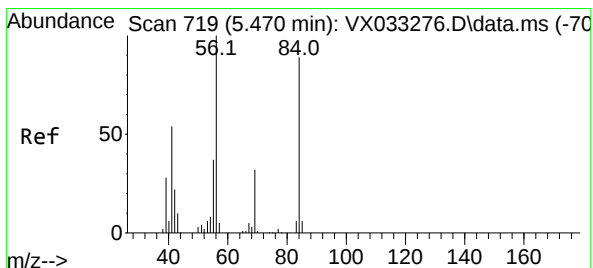
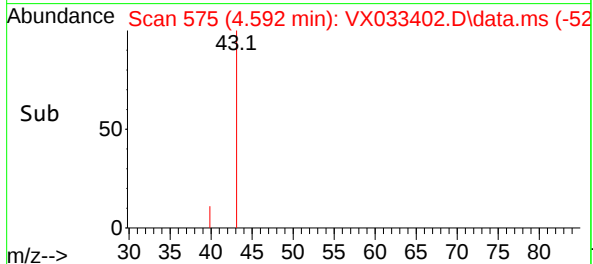
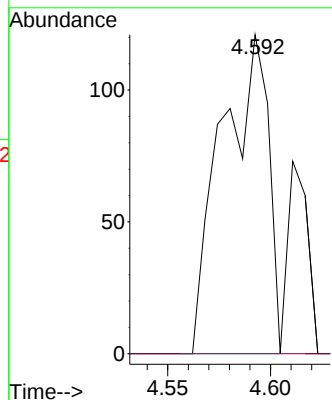
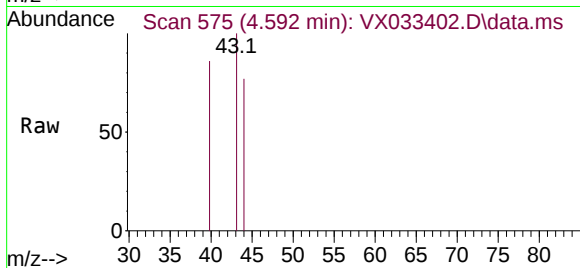
MW-16

Tgt Ion: 43 Resp: 191

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.322 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033402.D

Acq: 13 Dec 2022 18:58

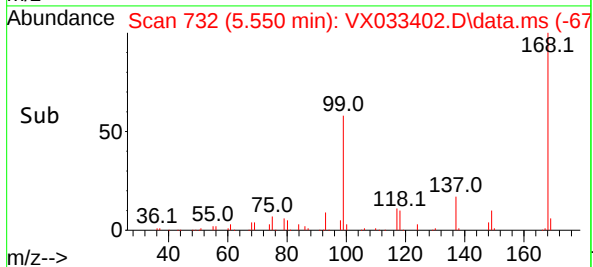
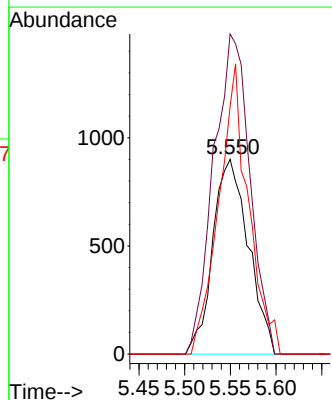
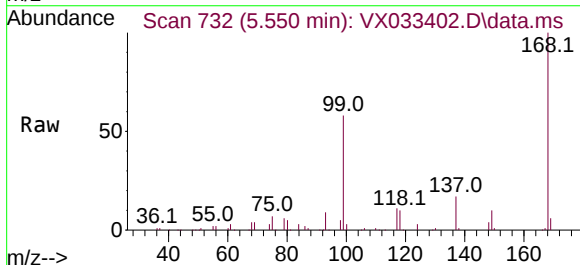
Tgt Ion: 56 Resp: 2440

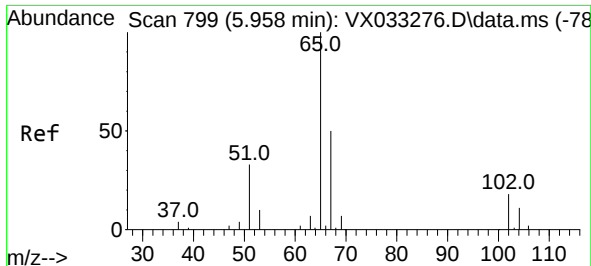
Ion Ratio Lower Upper

56 100

69 164.4 24.1 36.1#

84 127.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.868 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033402.D

Acq: 13 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

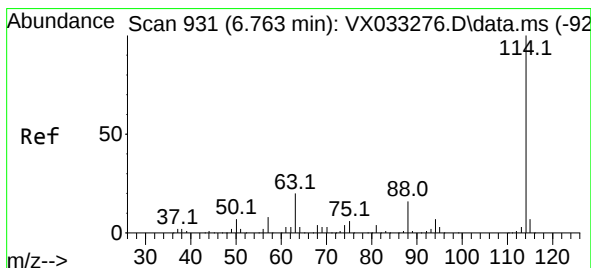
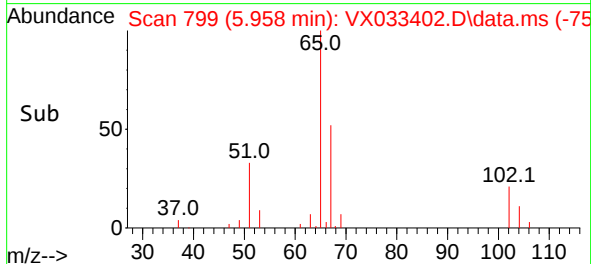
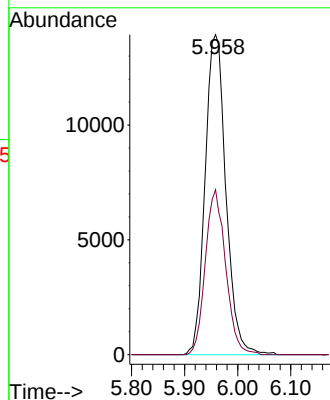
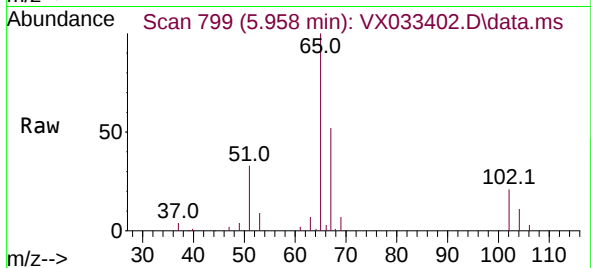
MW-16

Tgt Ion: 65 Resp: 37959

Ion Ratio Lower Upper

65 100

67 50.4 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: VX033402.D

Acq: 13 Dec 2022 18:58

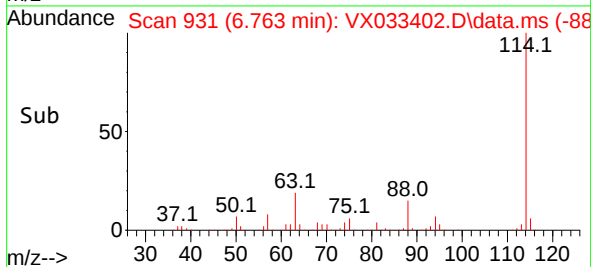
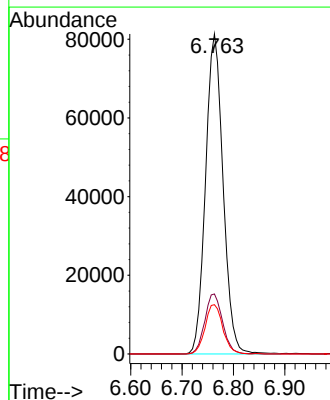
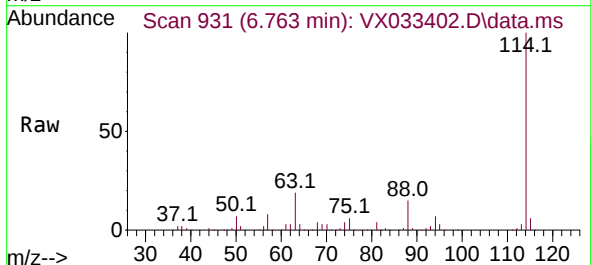
Tgt Ion: 114 Resp: 192487

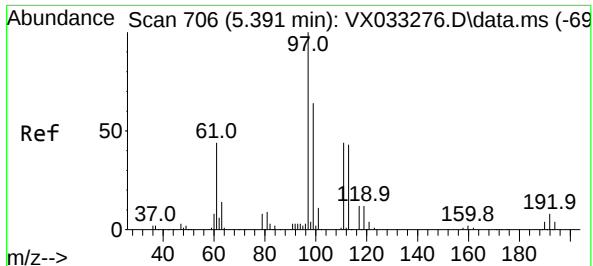
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.194 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033402.D

Acq: 13 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-16

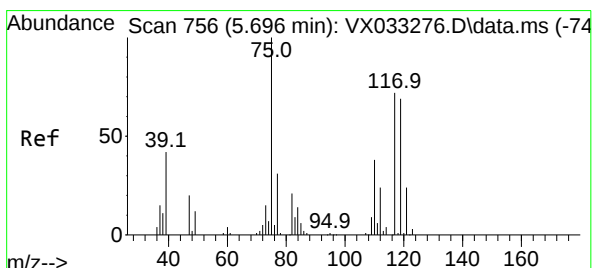
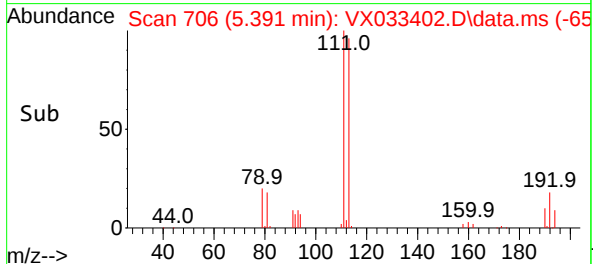
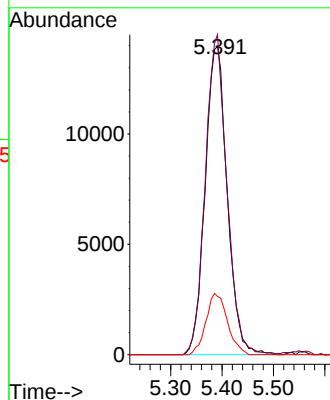
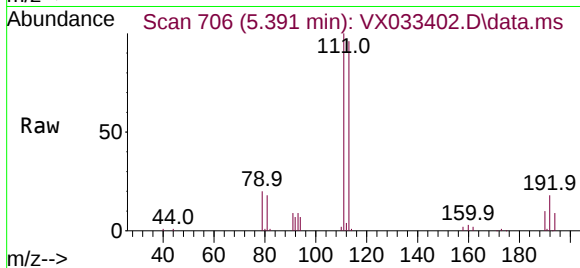
Tgt Ion:113 Resp: 41725

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.305 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033402.D

Acq: 13 Dec 2022 18:58

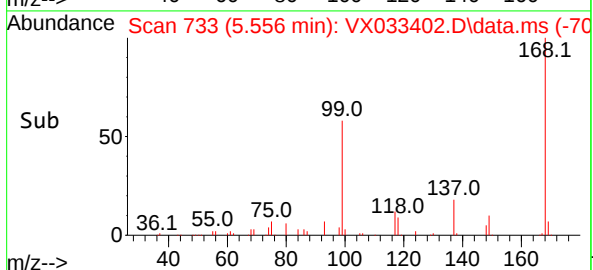
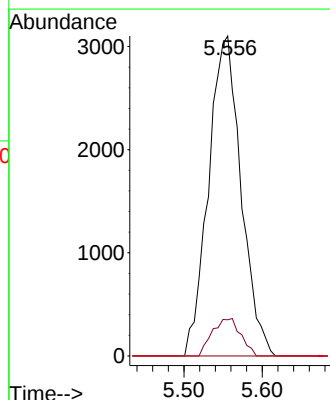
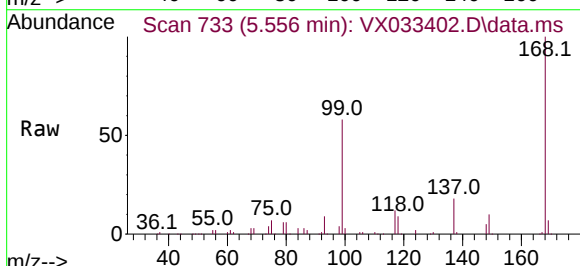
Tgt Ion: 75 Resp: 8954

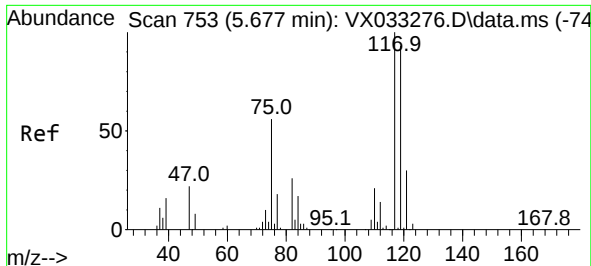
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

77 0.0 24.5 36.7#

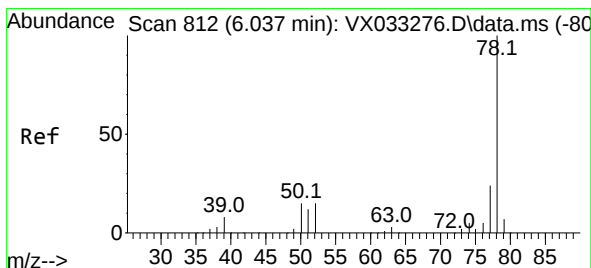
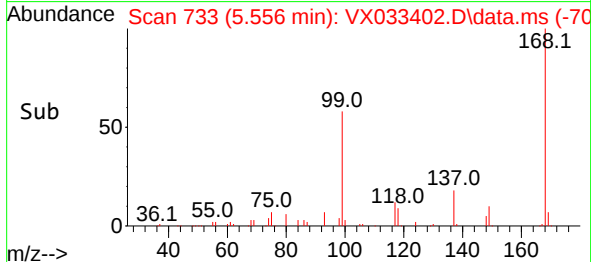
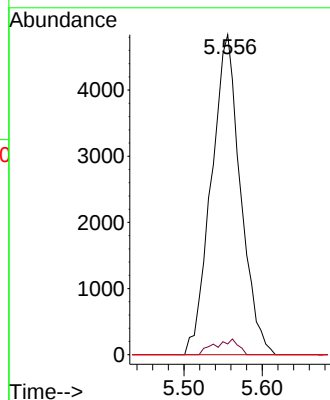
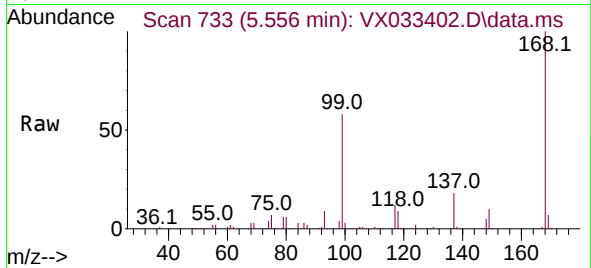




#38
Carbon Tetrachloride
Concen: 6.623 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

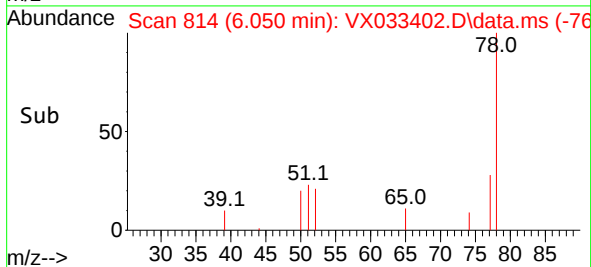
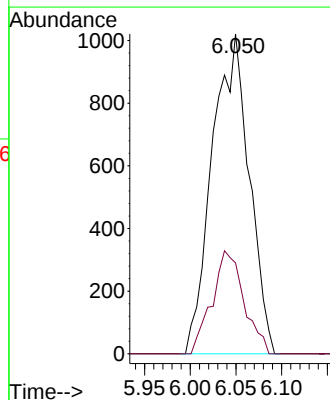
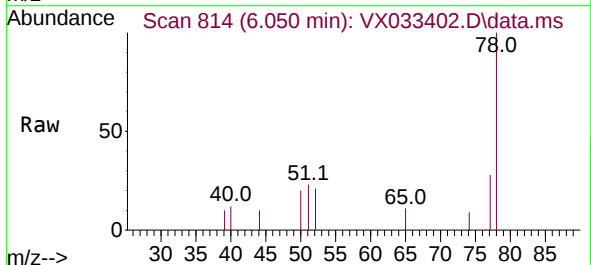
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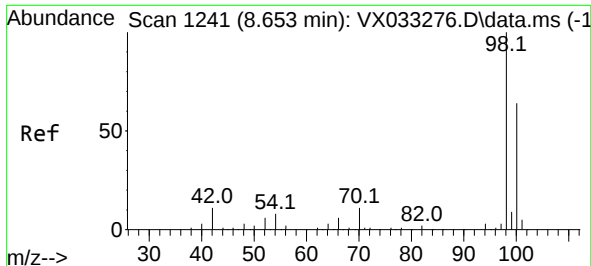
Tgt Ion:117 Resp: 12526
Ion Ratio Lower Upper
117 100
119 3.3 77.2 115.8#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 0.583 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

Tgt Ion: 78 Resp: 2870
Ion Ratio Lower Upper
78 100
77 28.4 19.0 28.4

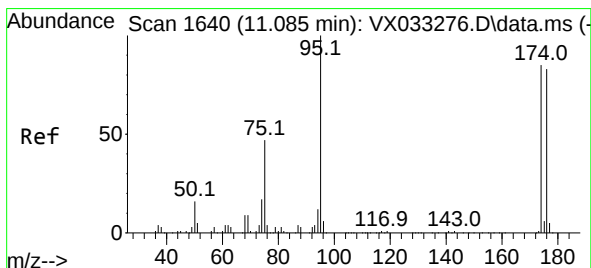
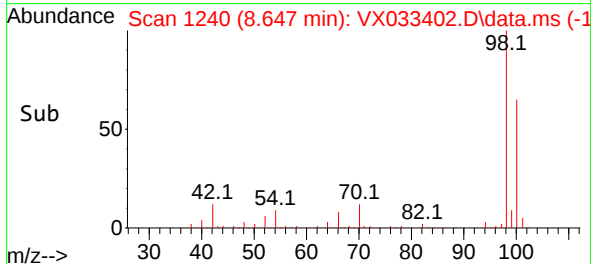
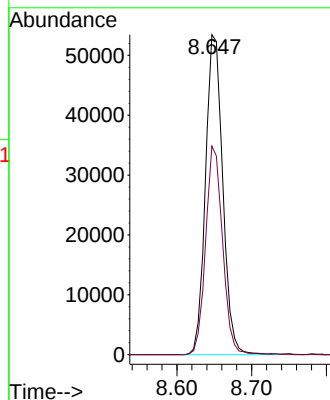
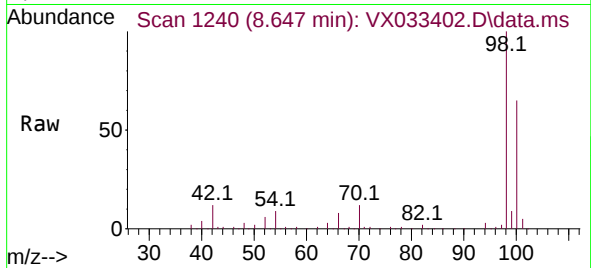




#50
Toluene-d8
Concen: 47.343 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

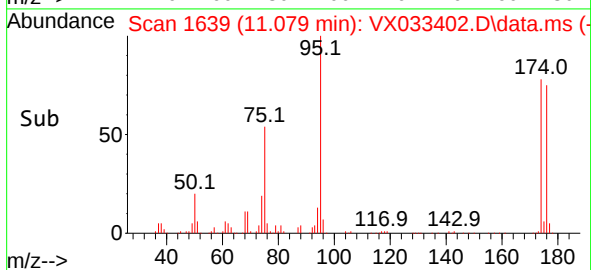
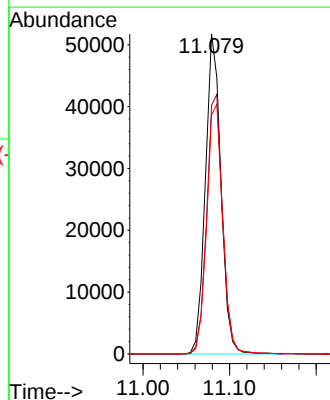
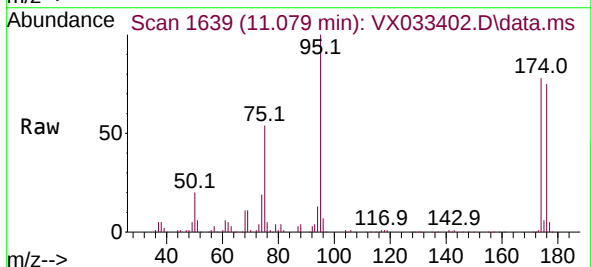
Instrument :
MSVOA_X
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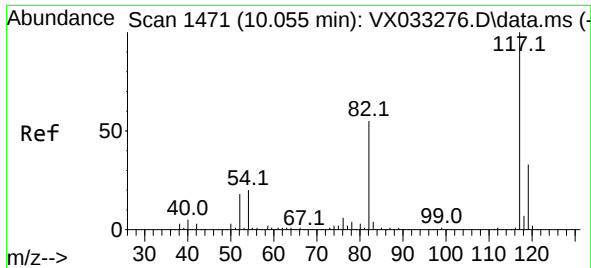
Tgt Ion: 98 Resp: 85745
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

Tgt Ion: 95 Resp: 64315
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 80.8 0.0 154.4

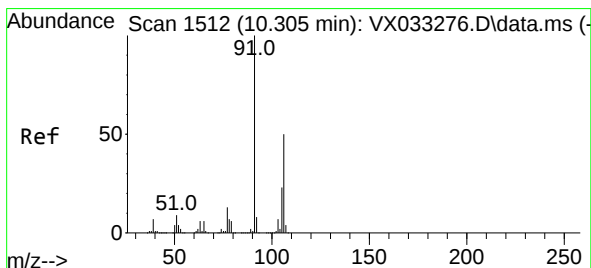
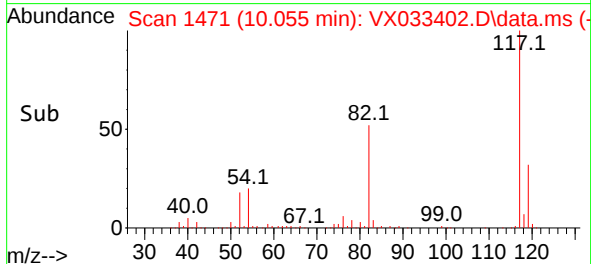
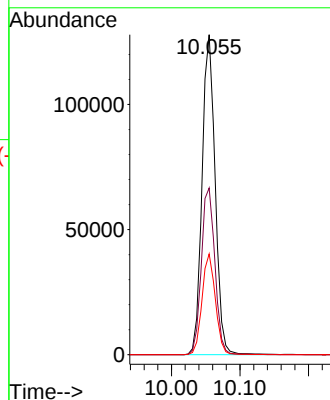
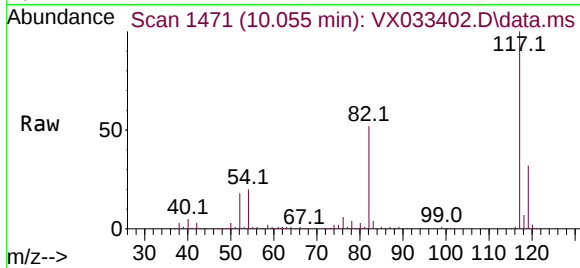




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

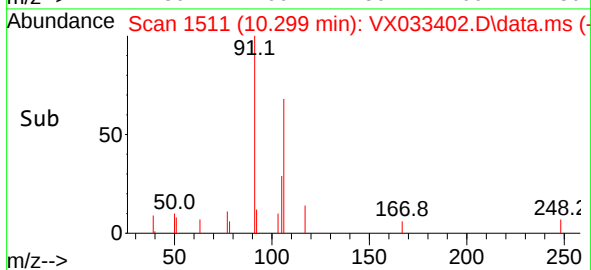
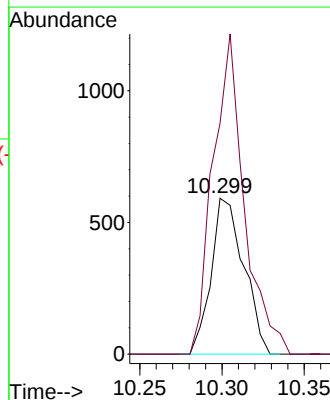
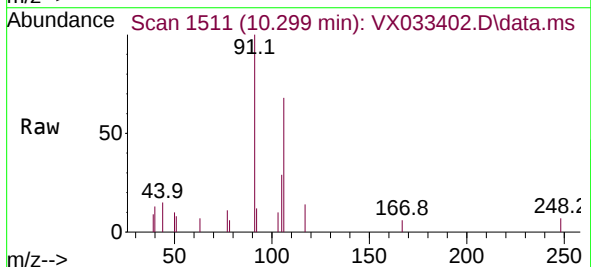
Instrument :
MSVOA_X
ClientSampleId :
MW-16

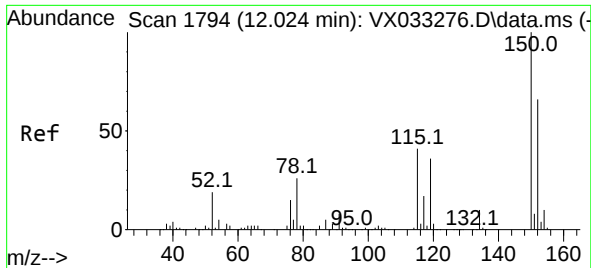
Tgt Ion:117 Resp: 170351
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 0.349 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

Tgt Ion:106 Resp: 817
Ion Ratio Lower Upper
106 100
91 196.8 164.5 246.7

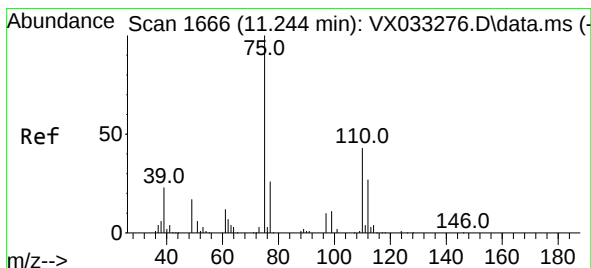
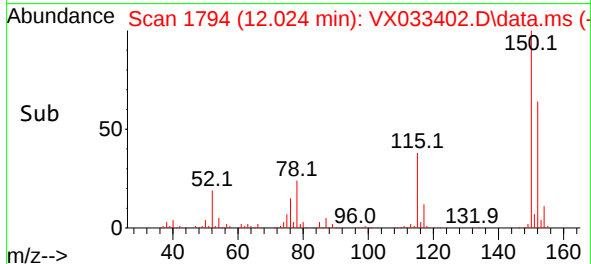
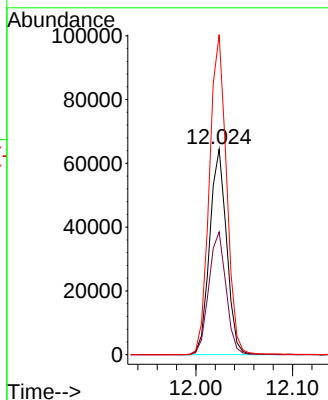
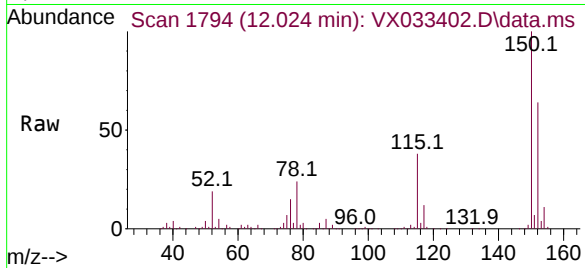




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

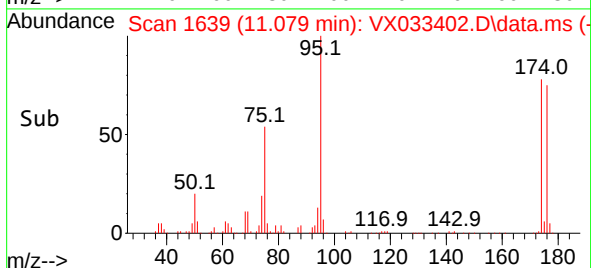
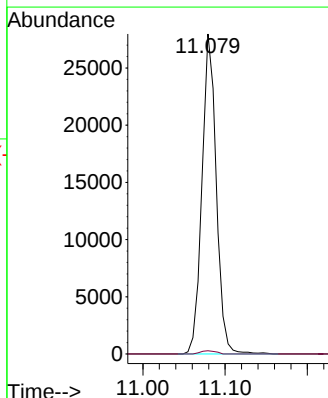
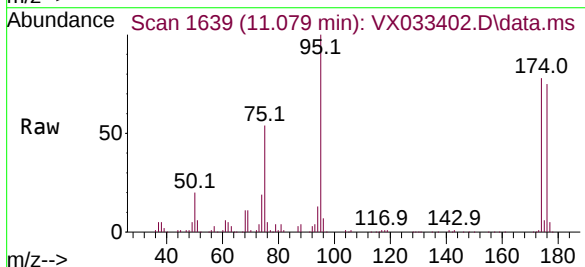
Instrument :
MSVOA_X
ClientSampleId :
MW-16

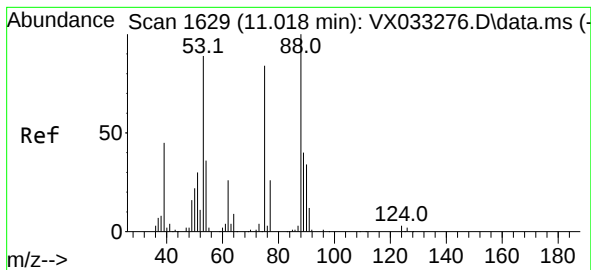
Tgt Ion:152 Resp: 78358
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 157.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 21.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033402.D
Acq: 13 Dec 2022 18:58

Tgt Ion: 75 Resp: 33847
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.044 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033402.D
 Acq: 13 Dec 2022 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Tgt Ion: 75 Resp: 33847
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

