

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033399.D
 Acq On : 13 Dec 2022 17:49
 Operator : JC/MD
 Sample : N6001-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Dec 14 05:40:30 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)

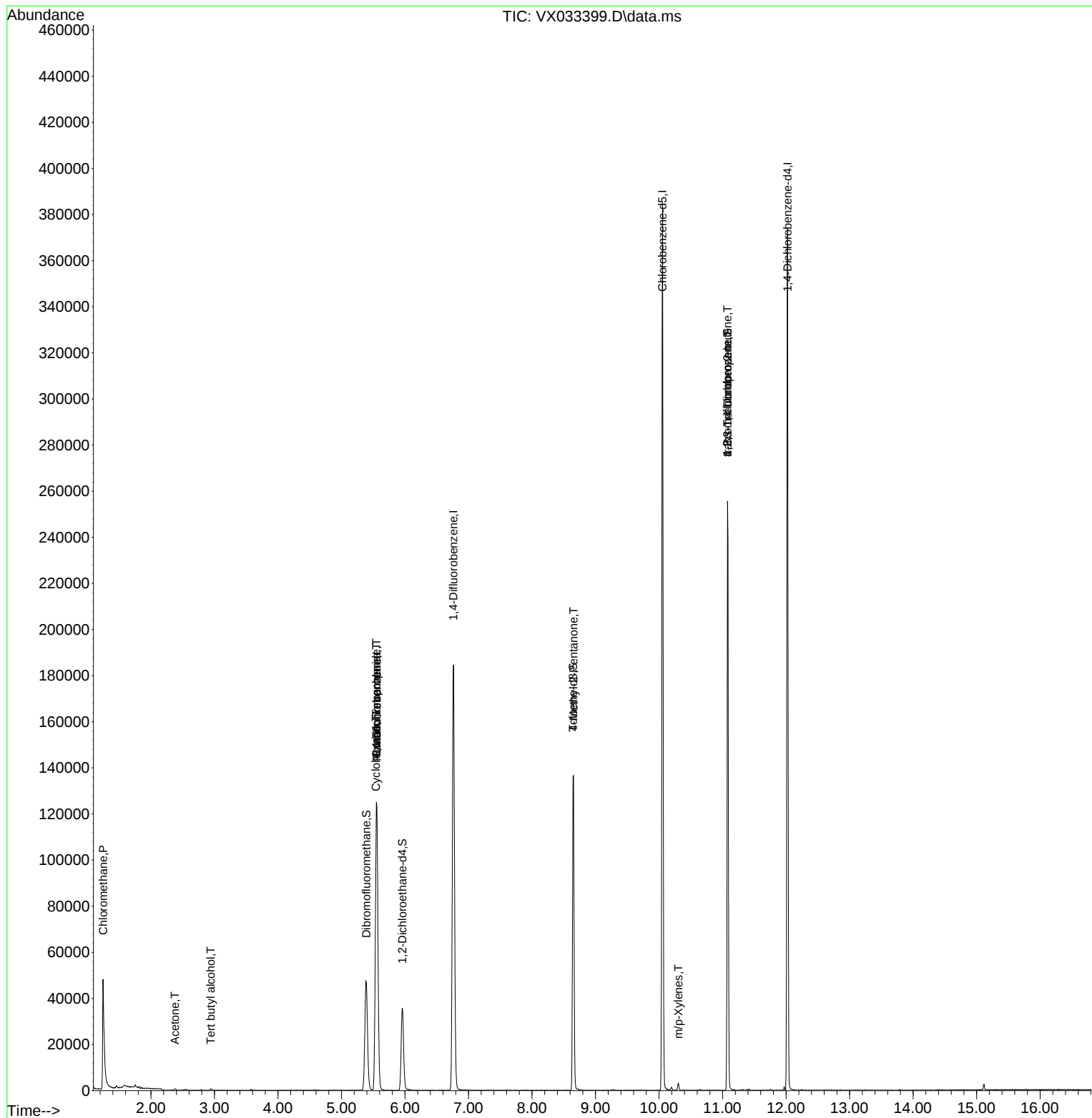
Internal Standards						
1) Pentafluorobenzene	5.556	168	120490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37458	48.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.920%		
35) Dibromofluoromethane	5.391	113	42031	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.647	98	86452	47.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.960%		
62) 4-Bromofluorobenzene	11.079	95	68289	49.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	1398	1.437	ug/l #	43
11) Tert butyl alcohol	2.941	59	336	1.422	ug/l #	72
16) Acetone	2.380	43	780	1.364	ug/l	97
31) Cyclohexane	5.544	56	2306	1.255	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	8793	5.182	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12456	6.552	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	439	0.269	ug/l #	1
68) m/p-Xylenes	10.305	106	877	0.368	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	35293	21.234	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35293	66.052	ug/l #	6

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

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QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

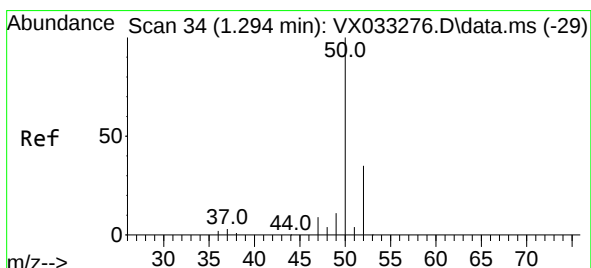
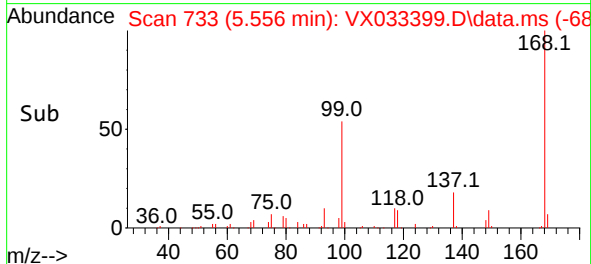
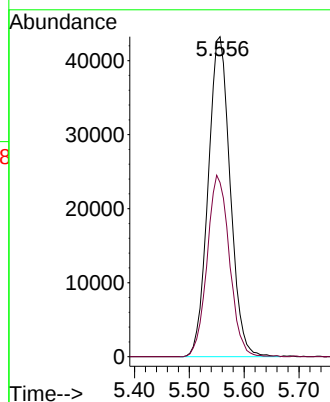
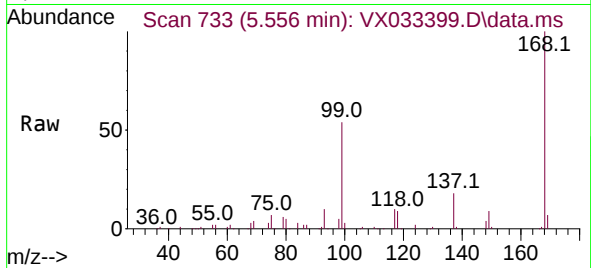




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

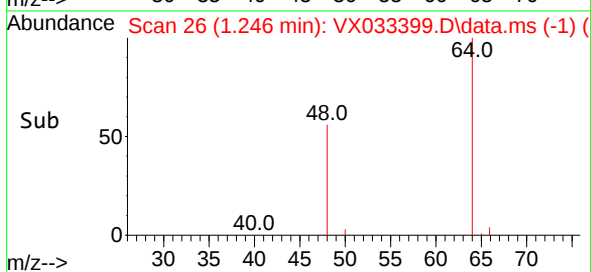
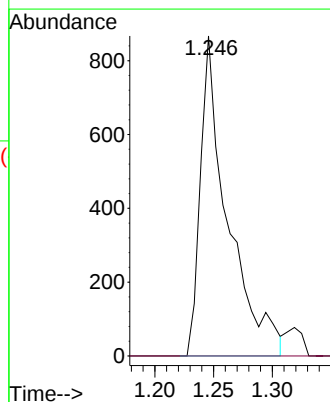
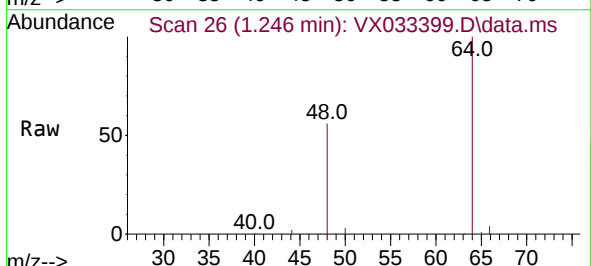
Instrument :
MSVOA_X
ClientSampleId :
MW-13

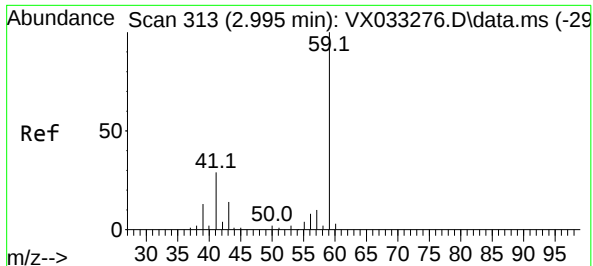
Tgt Ion:168 Resp: 120490
Ion Ratio Lower Upper
168 100
99 54.4 46.1 69.1



#3
Chloromethane
Concen: 1.437 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion: 50 Resp: 1398
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.422 ug/l

RT: 2.941 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX033399.D

Acq: 13 Dec 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

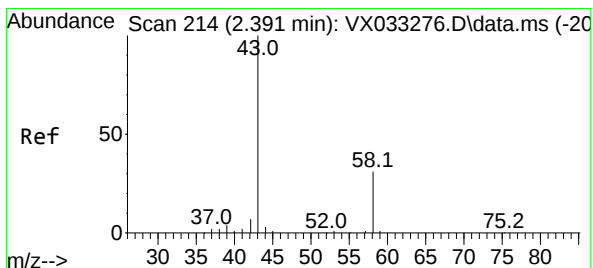
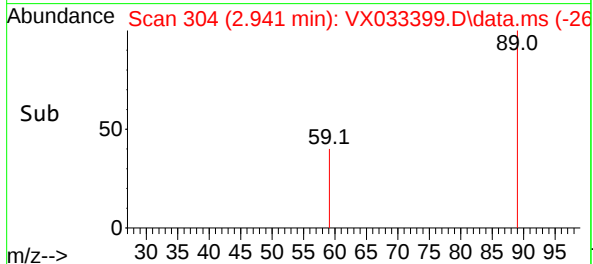
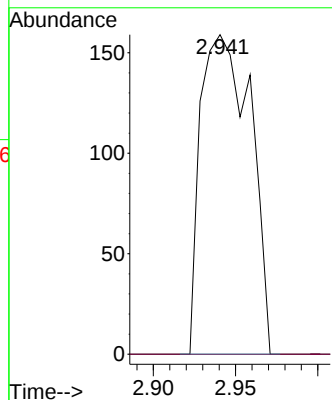
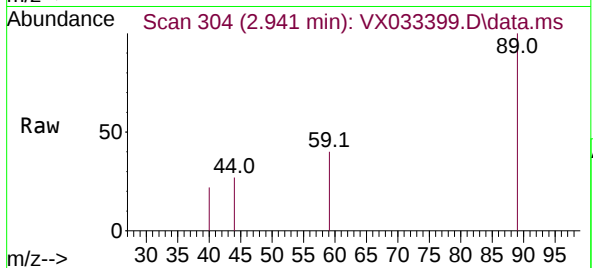
MW-13

Tgt Ion: 59 Resp: 336

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.364 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX033399.D

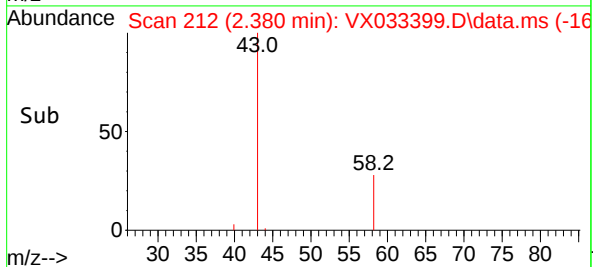
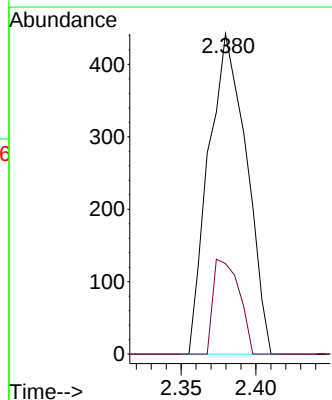
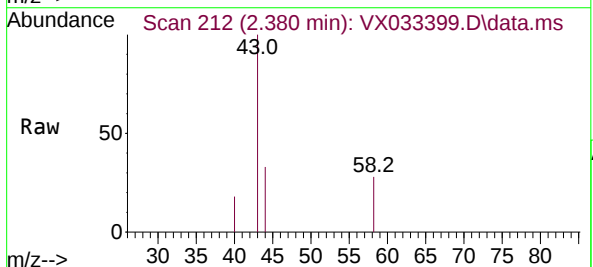
Acq: 13 Dec 2022 17:49

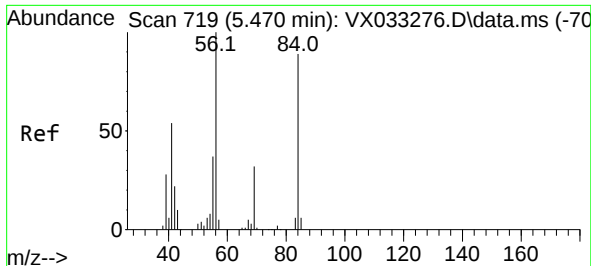
Tgt Ion: 43 Resp: 780

Ion Ratio Lower Upper

43 100

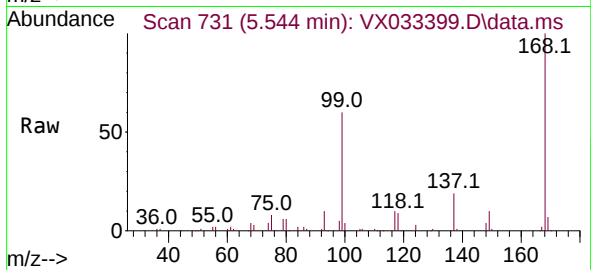
58 28.3 23.8 35.8



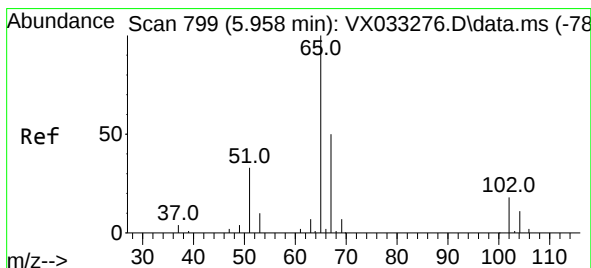
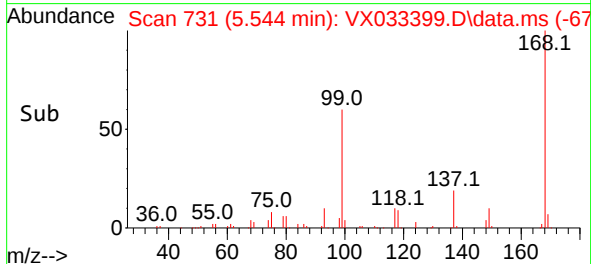
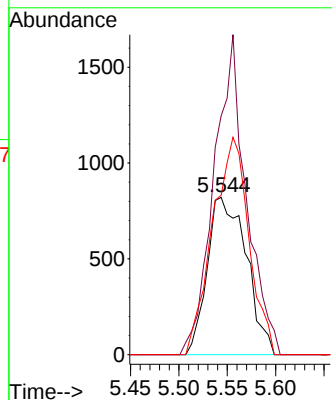


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-13

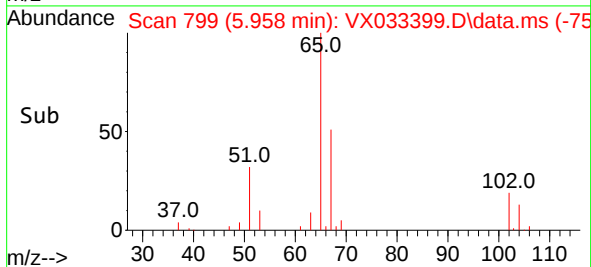
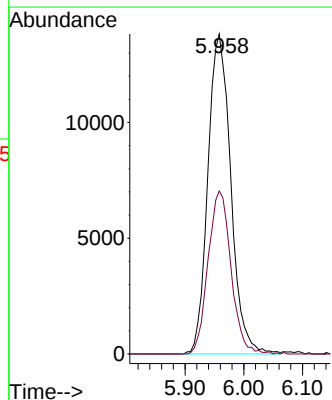
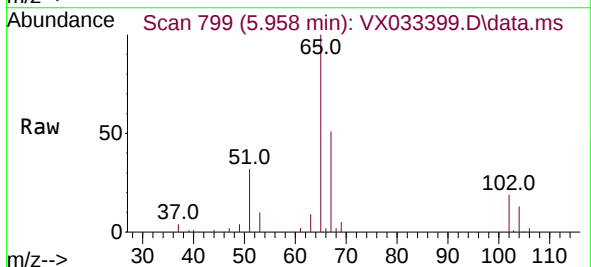


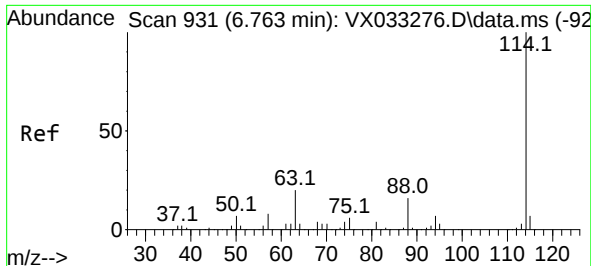
Tgt Ion: 56 Resp: 2306
Ion Ratio Lower Upper
56 100
69 151.9 24.1 36.1#
84 101.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.459 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion: 65 Resp: 37458
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

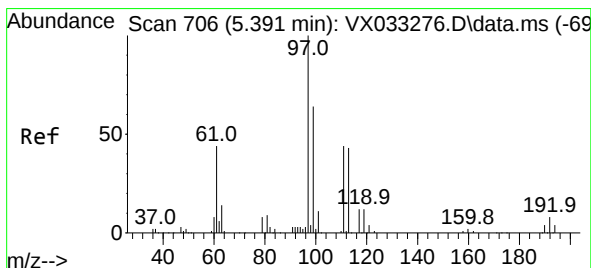
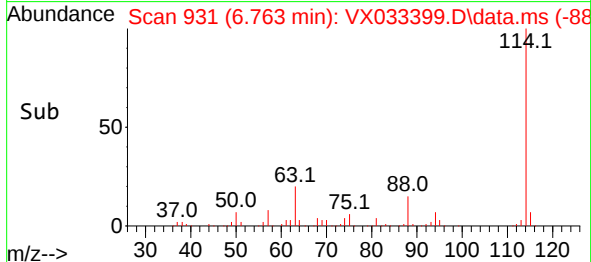
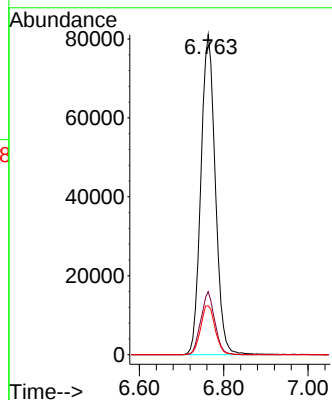
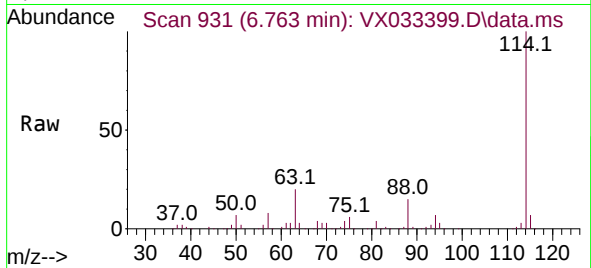




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

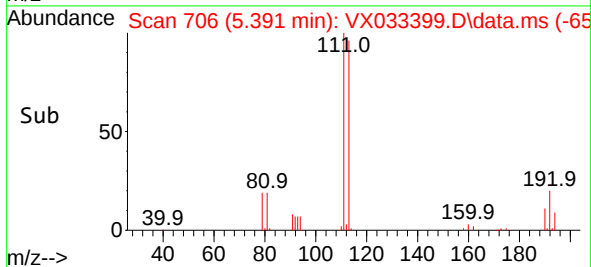
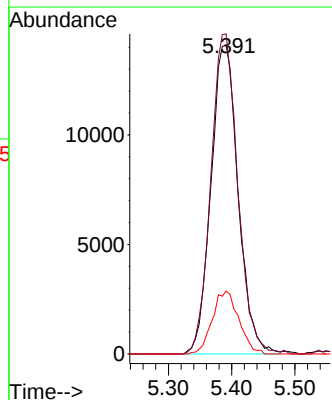
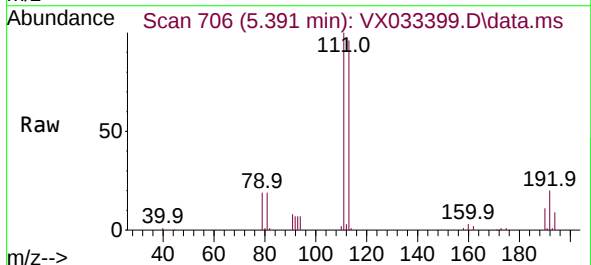
Instrument :
MSVOA_X
ClientSampleId :
MW-13

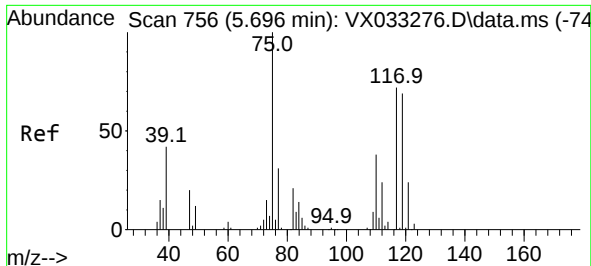
Tgt Ion:114 Resp: 193496
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.294 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion:113 Resp: 42031
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.9 15.4 23.2

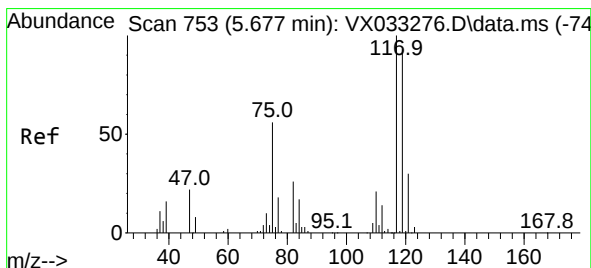
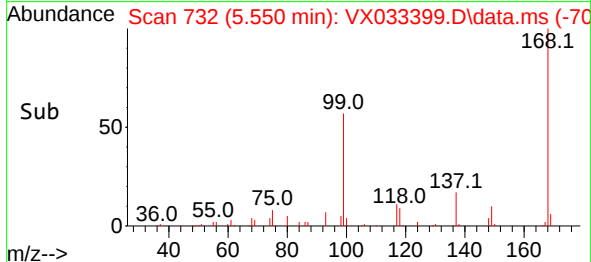
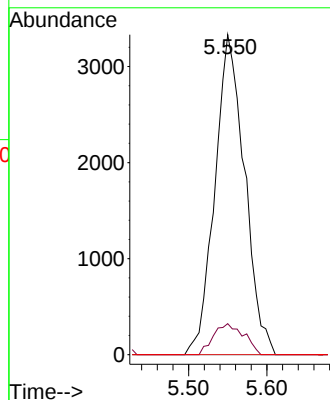
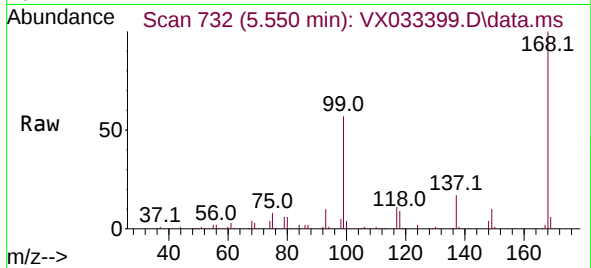




#36
1,1-Dichloropropene
Concen: 5.182 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

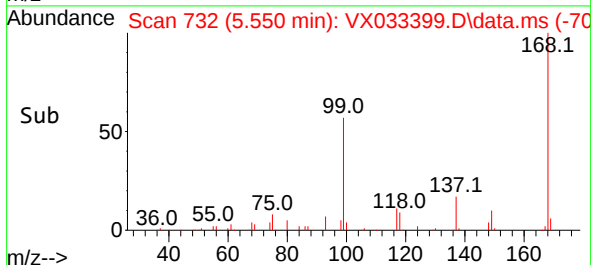
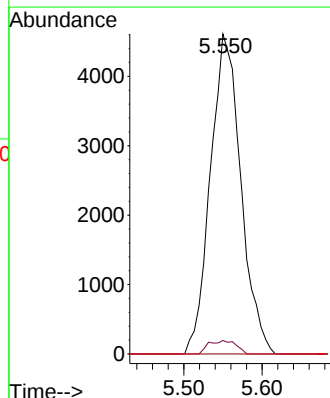
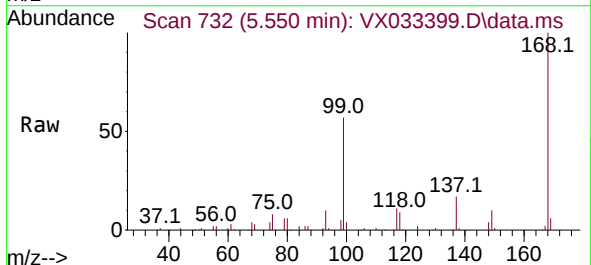
Instrument :
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ClientSampleId :
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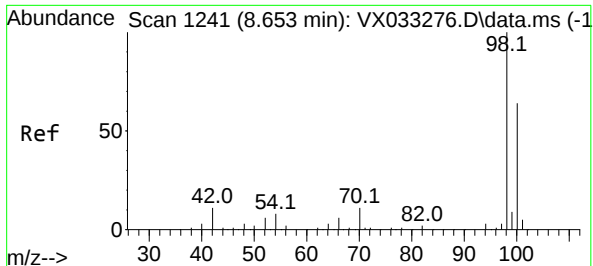
Tgt Ion: 75 Resp: 8793
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion: 117 Resp: 12456
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#

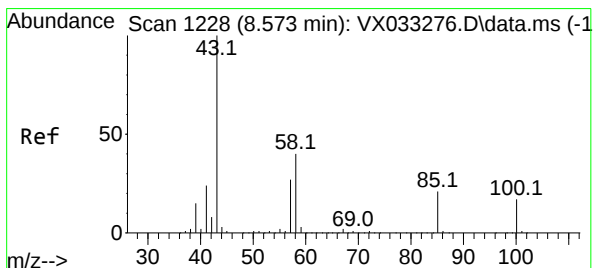
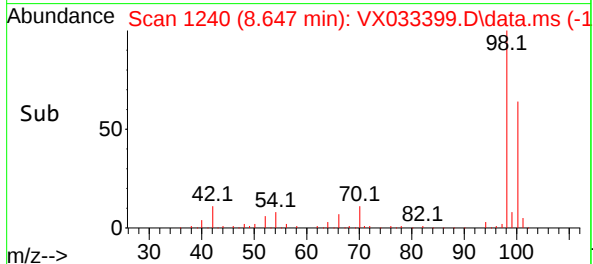
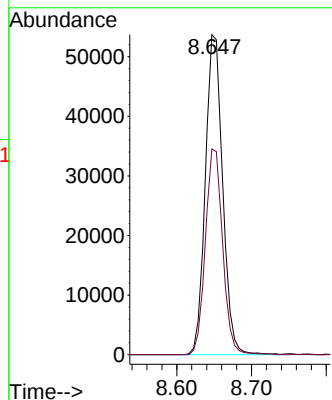
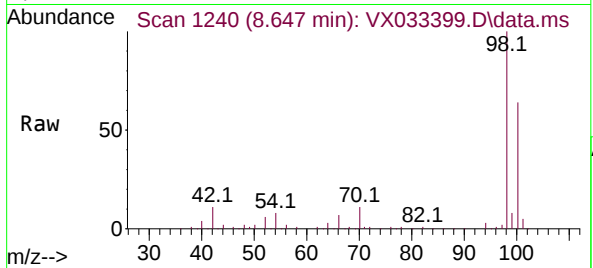




#50
Toluene-d8
Concen: 47.484 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

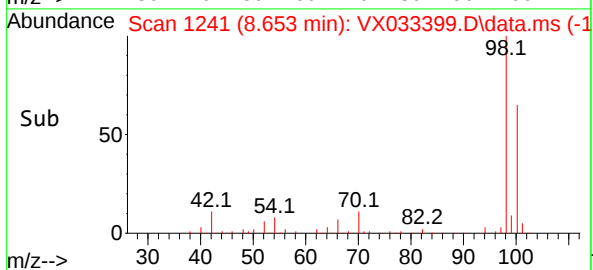
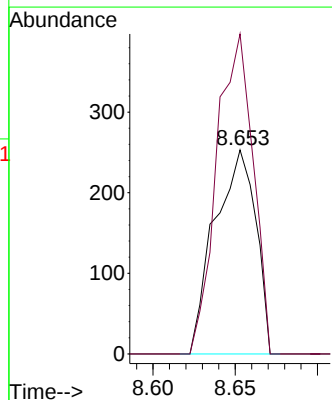
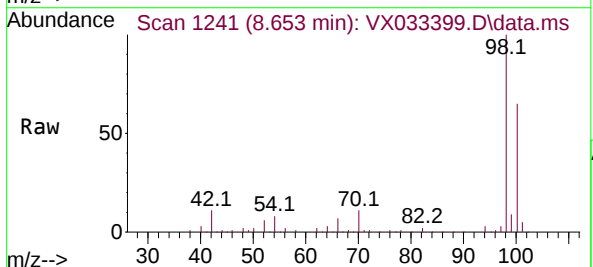
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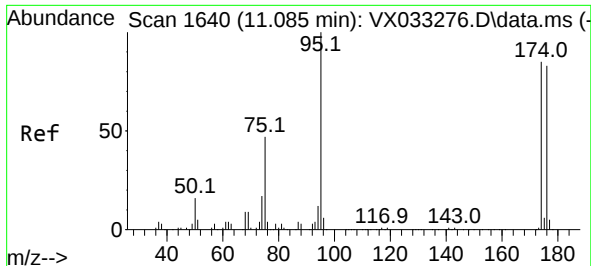
Tgt Ion: 98 Resp: 86452
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.269 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 138.7 30.9 46.3#

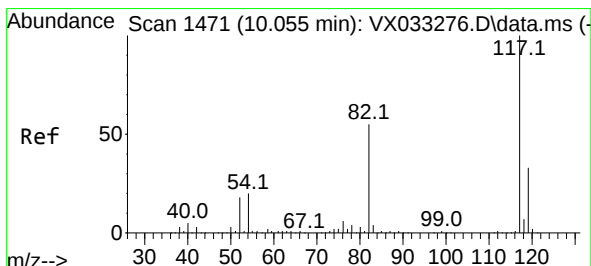
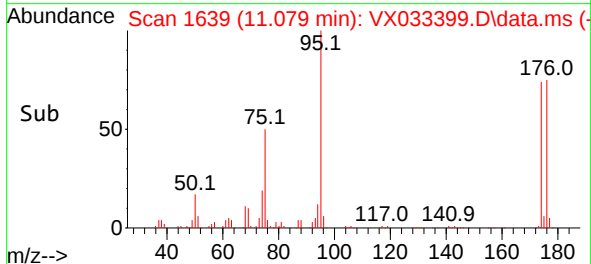
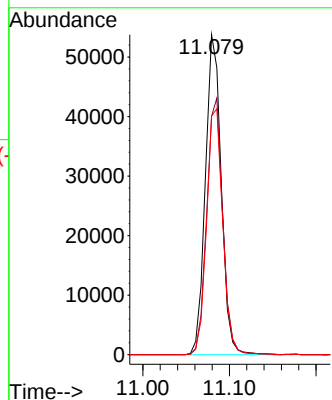
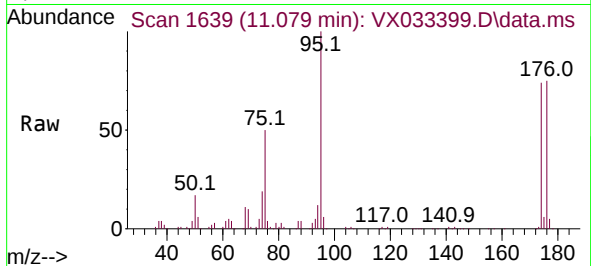




#62
4-Bromofluorobenzene
Concen: 49.055 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

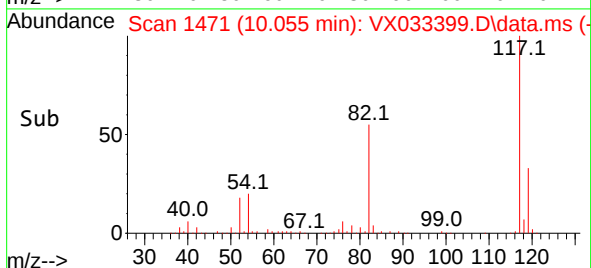
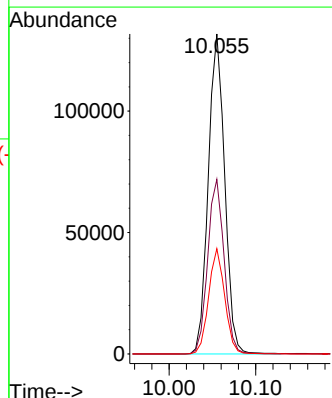
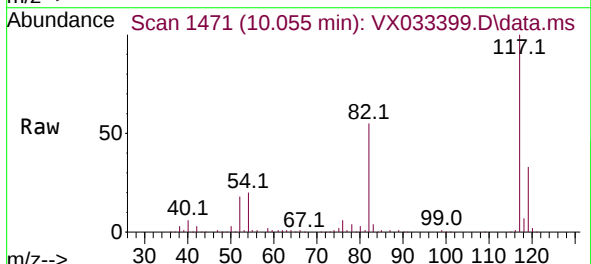
Instrument :
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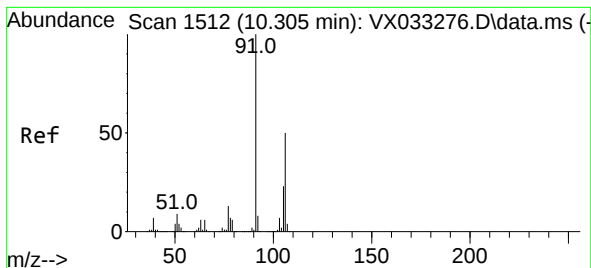
Tgt Ion: 95 Resp: 68289
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion: 117 Resp: 173684
Ion Ratio Lower Upper
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82 54.5 44.3 66.5
119 32.9 25.7 38.5

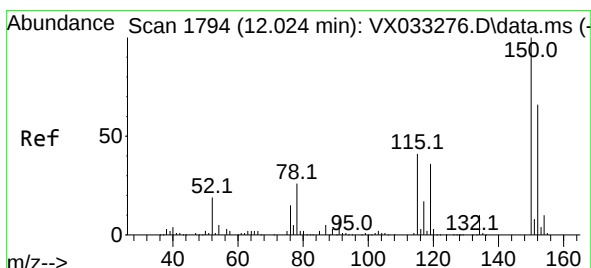
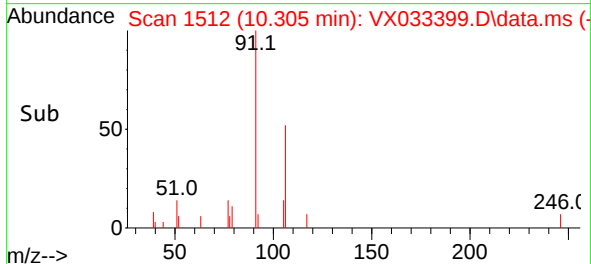
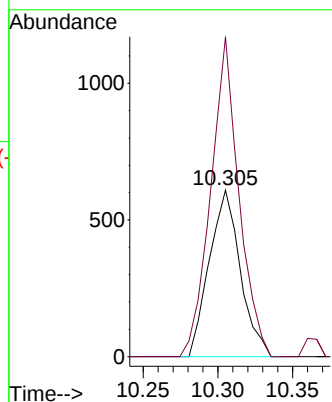
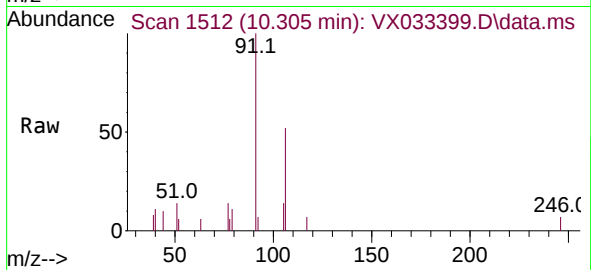




#68
m/p-Xylenes
Concen: 0.368 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

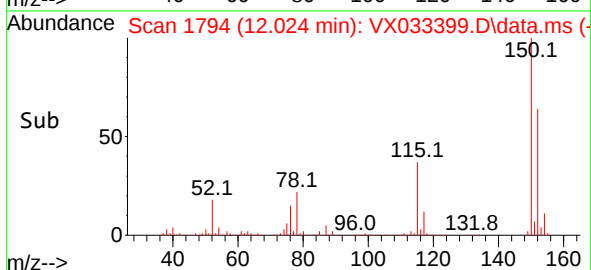
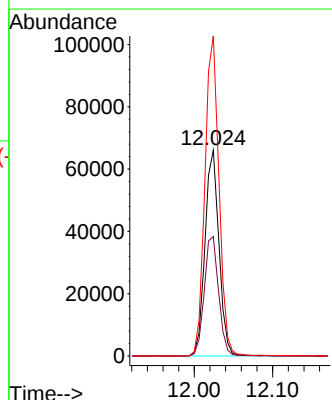
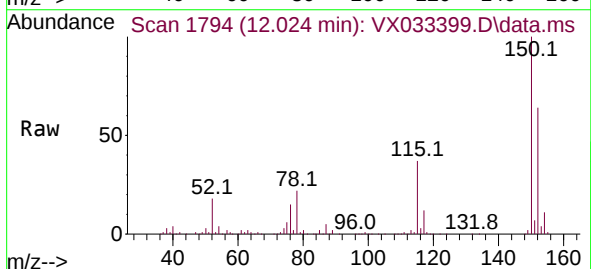
Instrument :
MSVOA_X
ClientSampleId :
MW-13

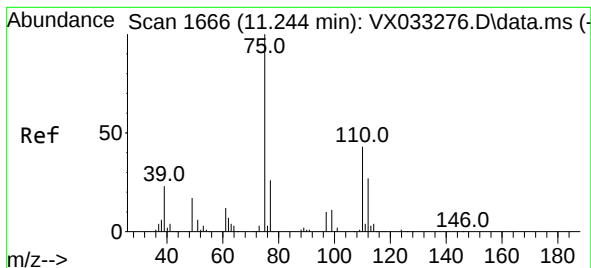
Tgt Ion:106 Resp: 877
Ion Ratio Lower Upper
106 100
91 174.9 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033399.D
Acq: 13 Dec 2022 17:49

Tgt Ion:152 Resp: 81696
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 156.3 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 21.234 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX033399.D

Acq: 13 Dec 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

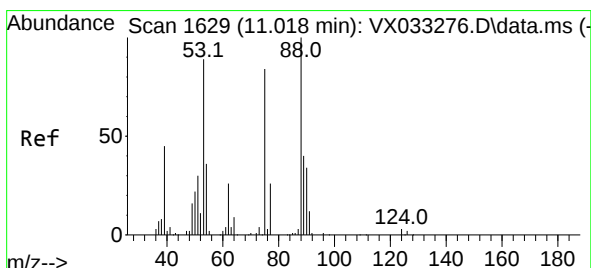
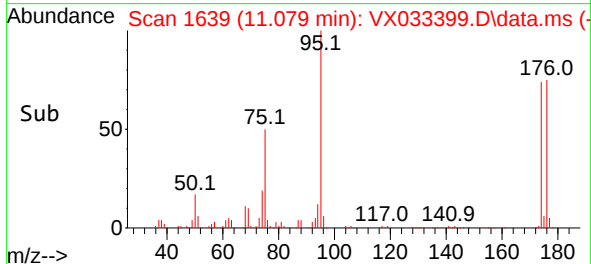
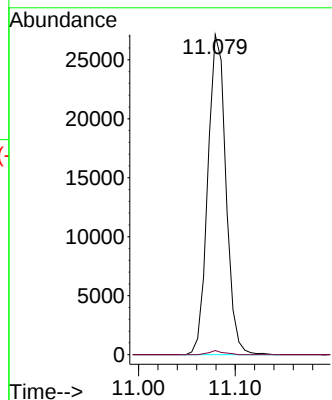
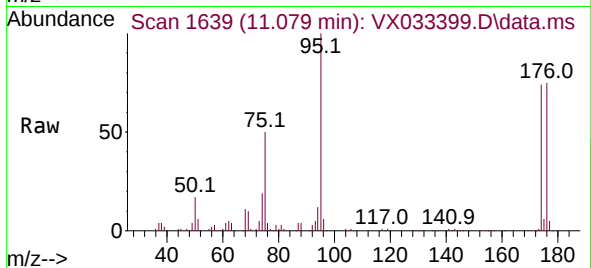
MW-13

Tgt Ion: 75 Resp: 35293

Ion Ratio Lower Upper

75 100

77 1.1 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.052 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033399.D

Acq: 13 Dec 2022 17:49

Tgt Ion: 75 Resp: 35293

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

