

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028076.D
 Acq On : 12 Apr 2022 22:59
 Operator : JC/MD
 Sample : N2334-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Apr 13 01:16:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

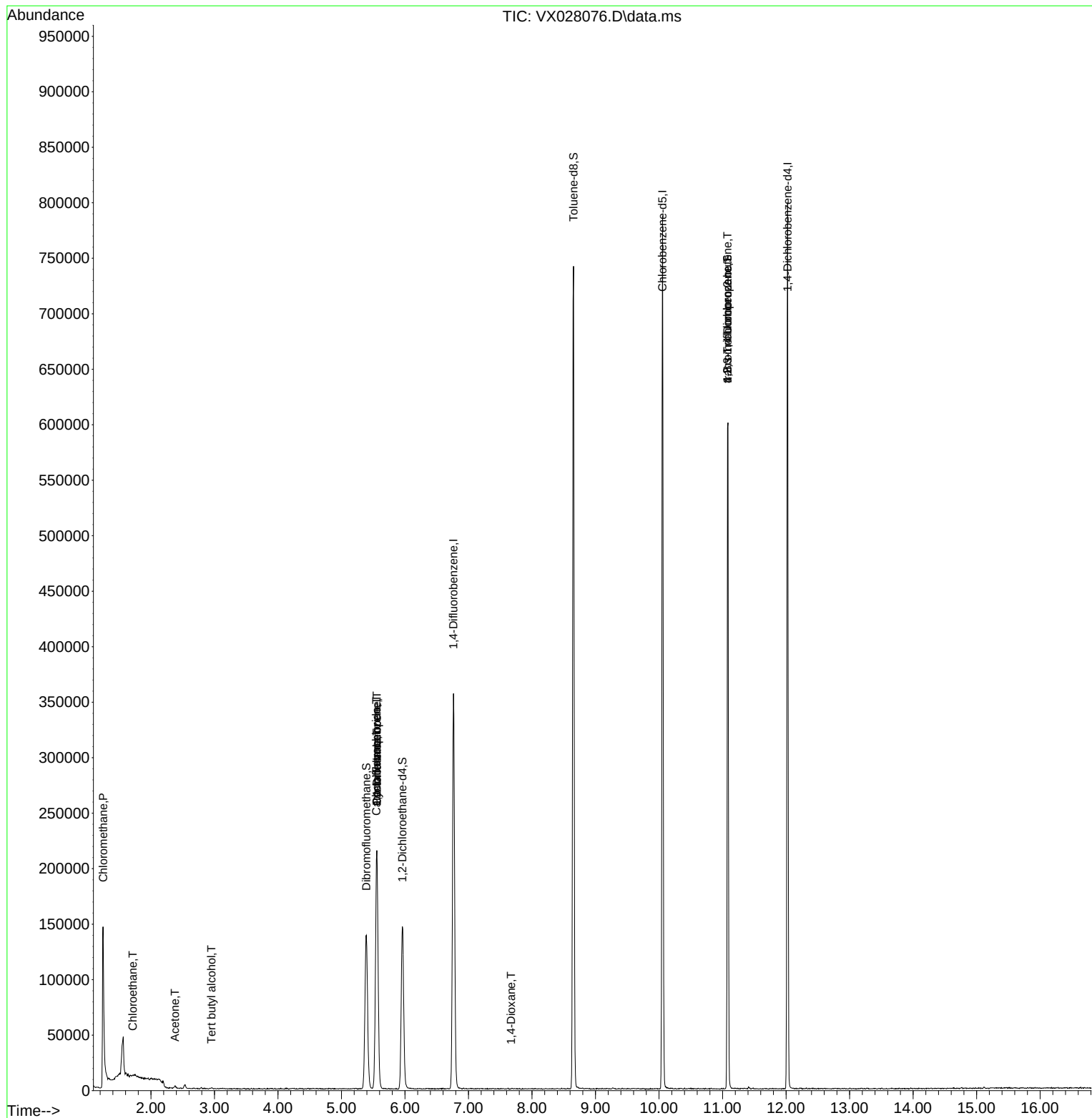
Internal Standards						
1) Pentafluorobenzene	5.556	168	204719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	356642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137291	49.432	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.860%
35) Dibromofluoromethane	5.391	113	116896	50.020	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.040%
50) Toluene-d8	8.653	98	438402	50.299	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	144054	44.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	3926	1.785	ug/l #	42
5) Bromomethane	1.611	94	376	Below Cal	#	51
6) Chloroethane	1.715	64	1076	3.071	ug/l #	48
11) Tert butyl alcohol	2.953	59	488	0.757	ug/l #	72
13) Acrolein	2.215	56	26	Below Cal	#	15
16) Acetone	2.380	43	2799	2.419	ug/l #	79
31) Cyclohexane	5.556	56	4779	1.251	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	16139	4.525	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20851	5.476	ug/l #	16
49) 1,4-Dioxane	7.671	88	100	1.418	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	81832	23.895	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81832	67.301	ug/l #	15

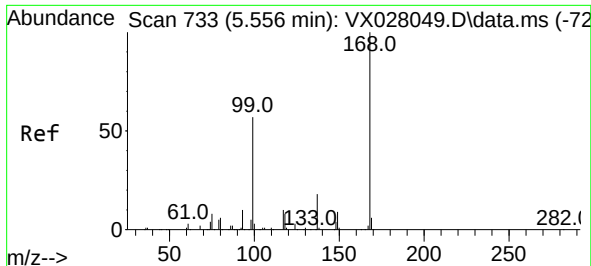
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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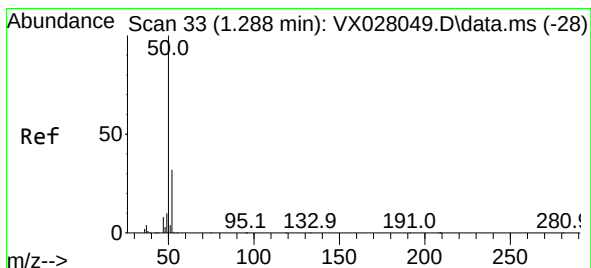
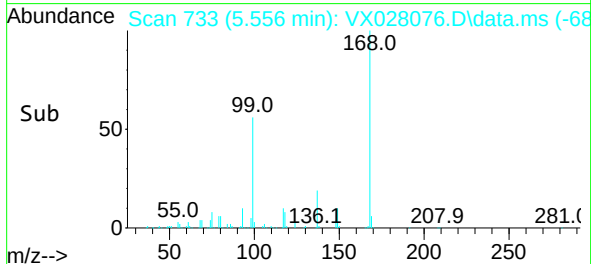
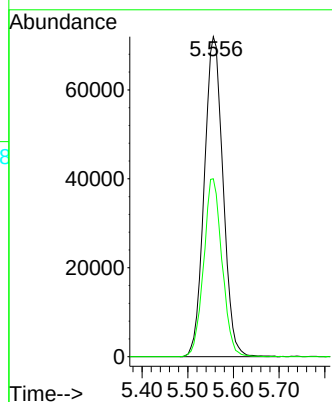
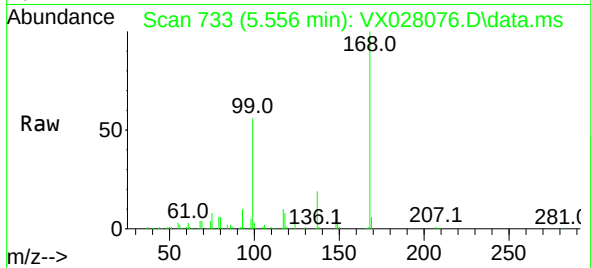




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

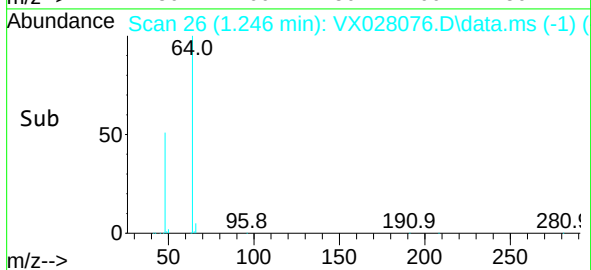
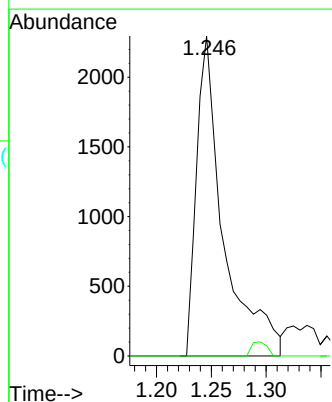
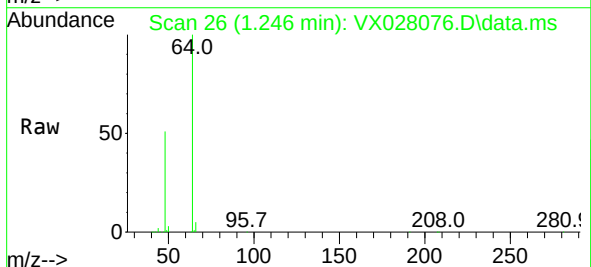
Instrument :
MSVOA_X
ClientSampleId :
MW-26

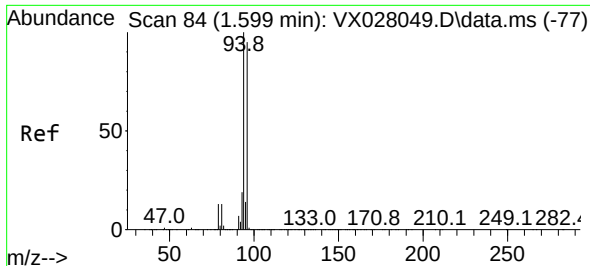
Tgt Ion:168 Resp: 204719
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#3
Chloromethane
Concen: 1.785 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.042 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 50 Resp: 3926
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

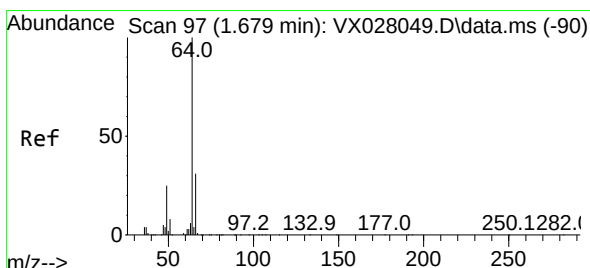
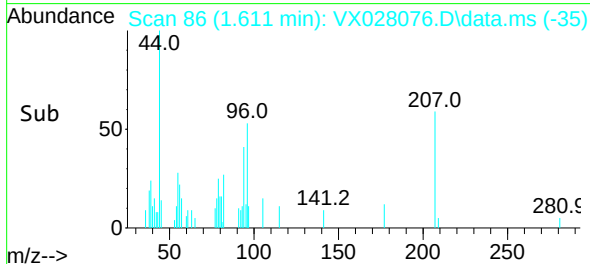
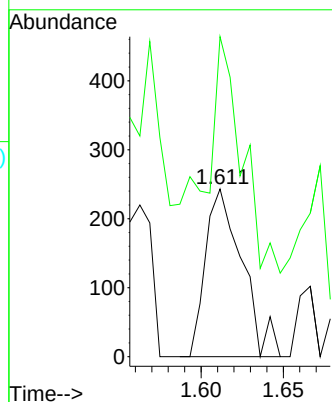
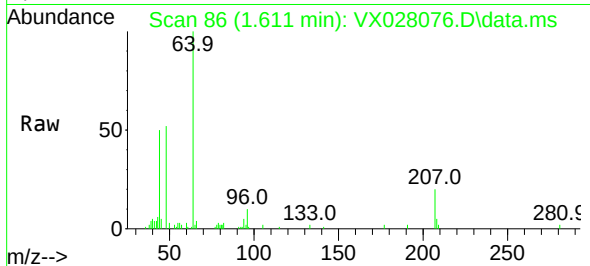




#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: VX028076.D
 Acq: 12 Apr 2022 22:59

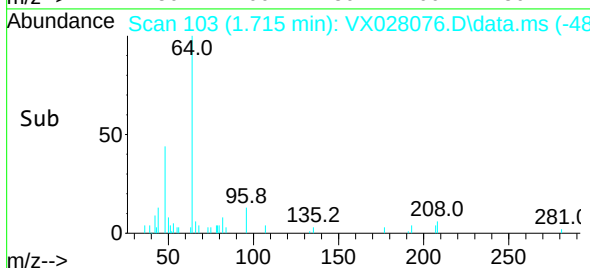
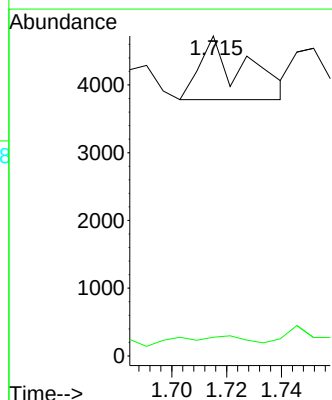
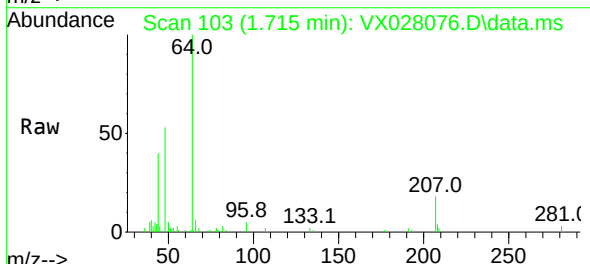
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

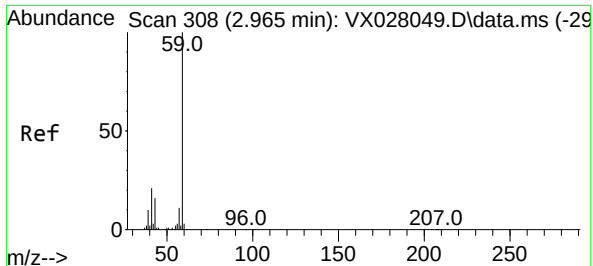
Tgt Ion: 94 Resp: 376
 Ion Ratio Lower Upper
 94 100
 96 141.2 75.3 112.9#



#6
 Chloroethane
 Concen: 3.071 ug/l
 RT: 1.715 min Scan# 103
 Delta R.T. 0.036 min
 Lab File: VX028076.D
 Acq: 12 Apr 2022 22:59

Tgt Ion: 64 Resp: 1076
 Ion Ratio Lower Upper
 64 100
 66 2.6 25.3 37.9#

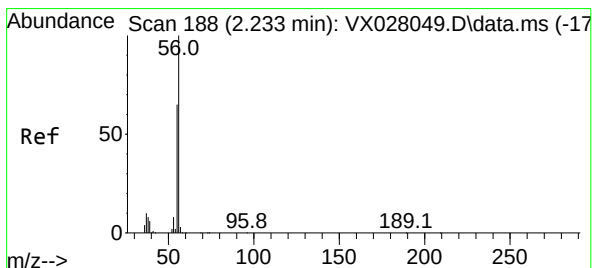
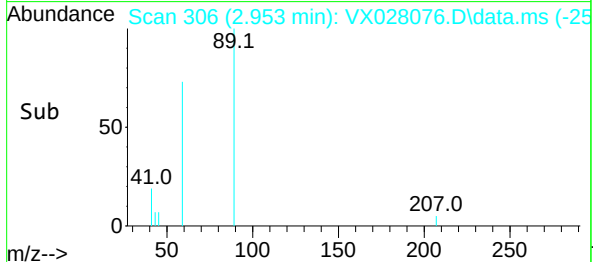
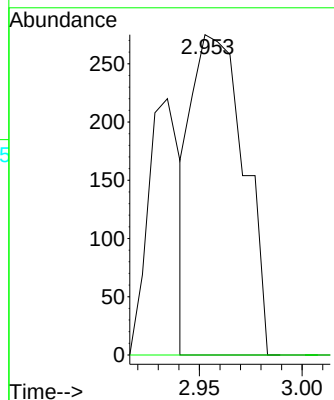
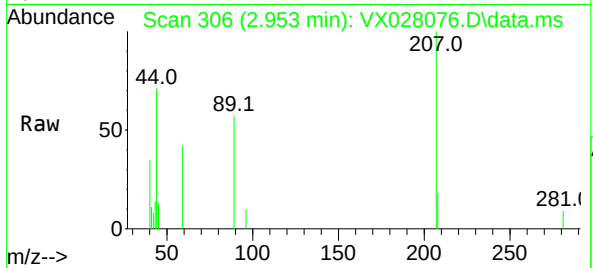




#11
Tert butyl alcohol
Concen: 0.757 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

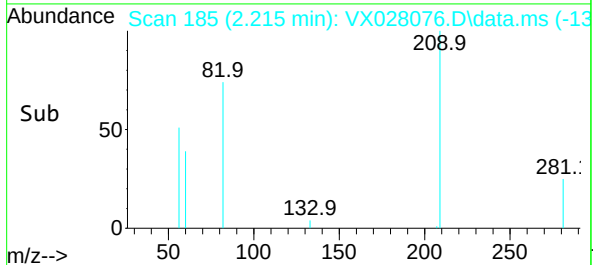
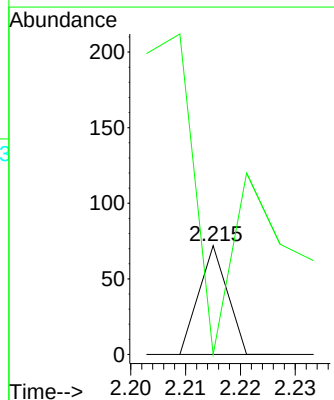
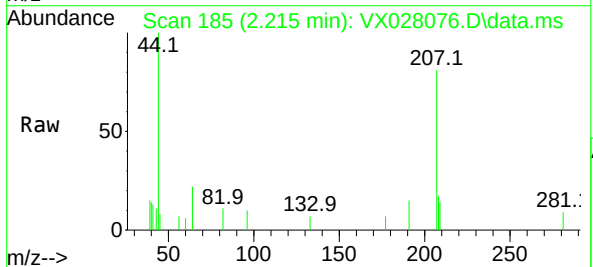
Instrument :
MSVOA_X
ClientSampleId :
MW-26

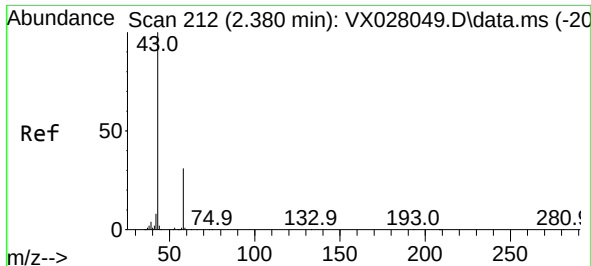
Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

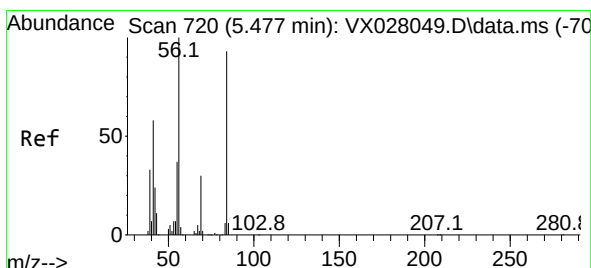
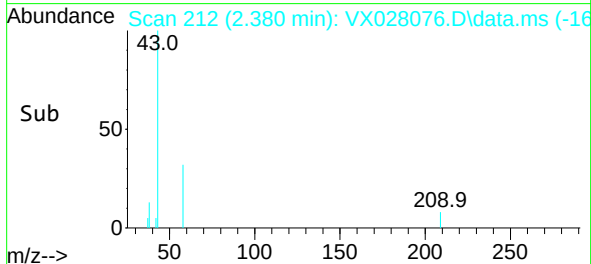
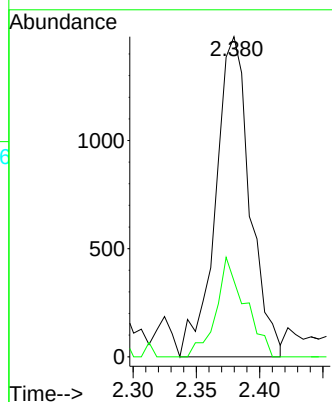
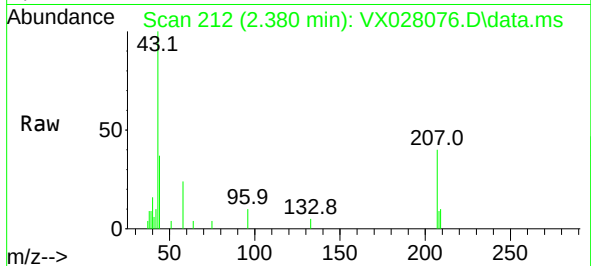




#16
Acetone
Concen: 2.419 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

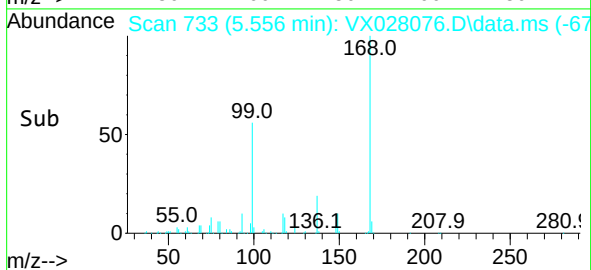
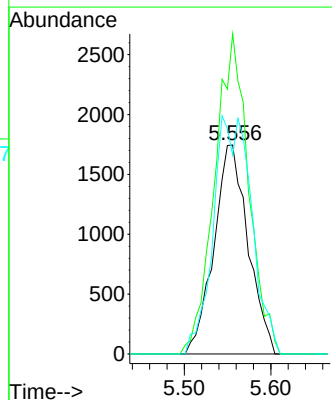
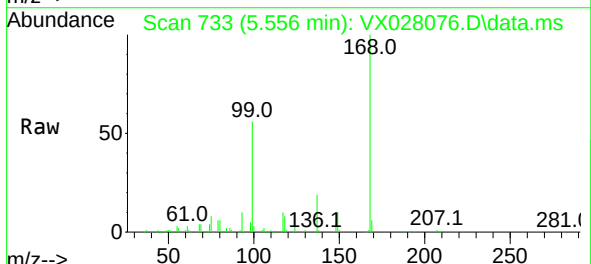
Instrument :
MSVOA_X
ClientSampleId :
MW-26

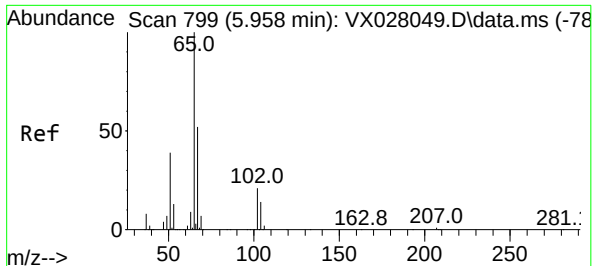
Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
58 23.7 28.8 43.2#



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 56 Resp: 4779
Ion Ratio Lower Upper
56 100
69 153.2 26.7 40.1#
84 95.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 49.432 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028076.D

Acq: 12 Apr 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

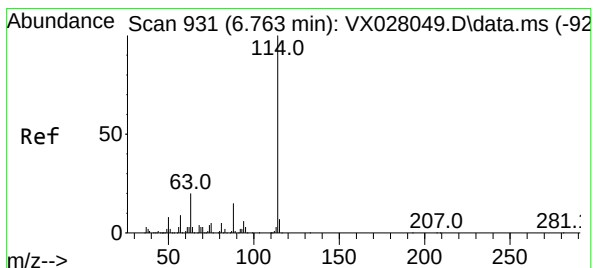
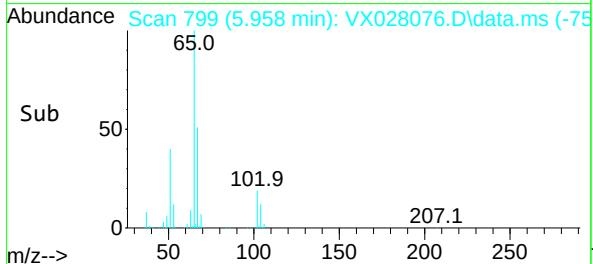
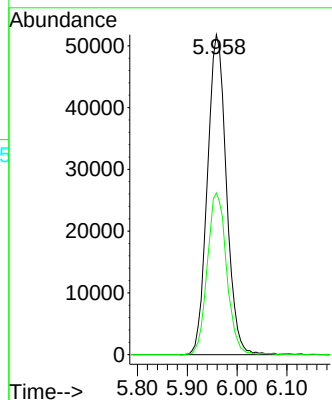
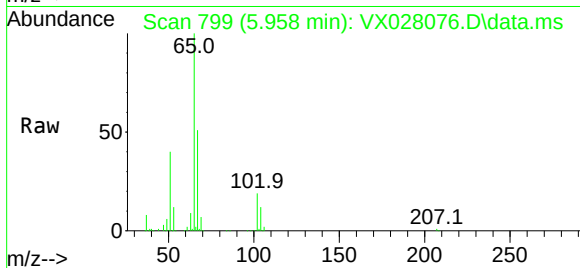
MW-26

Tgt Ion: 65 Resp: 137291

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028076.D

Acq: 12 Apr 2022 22:59

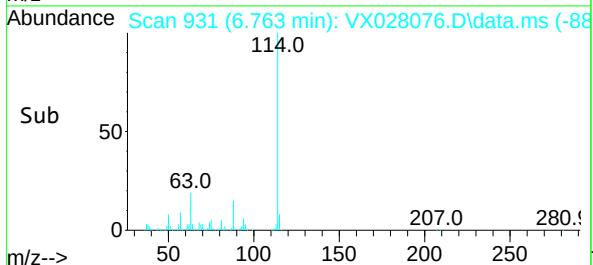
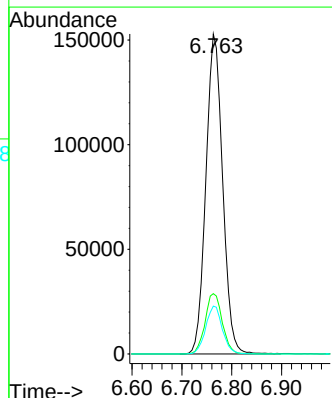
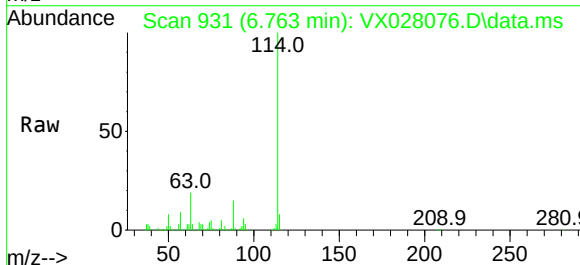
Tgt Ion: 114 Resp: 356642

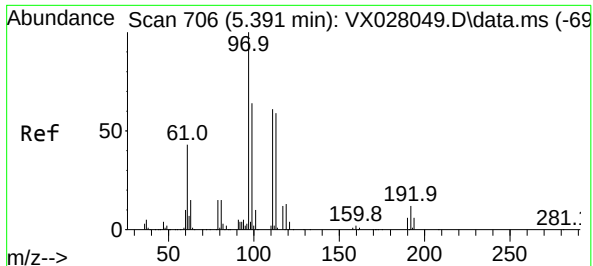
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 14.9 0.0 32.4

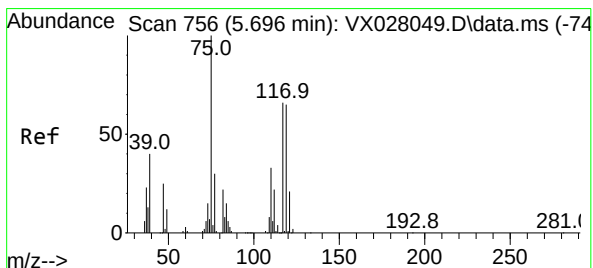
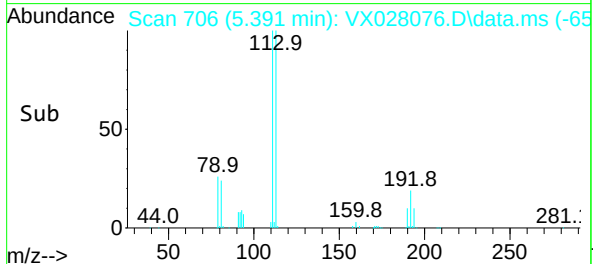
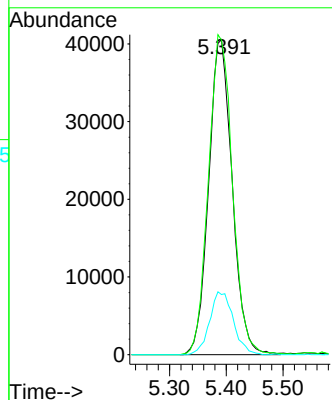
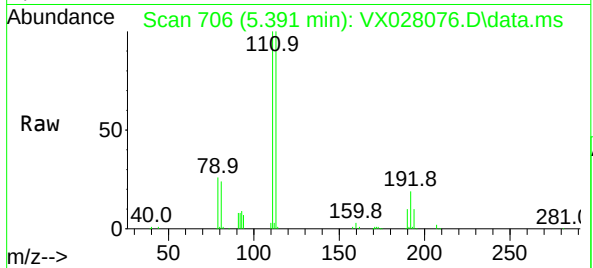




#35
Dibromofluoromethane
Concen: 50.020 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

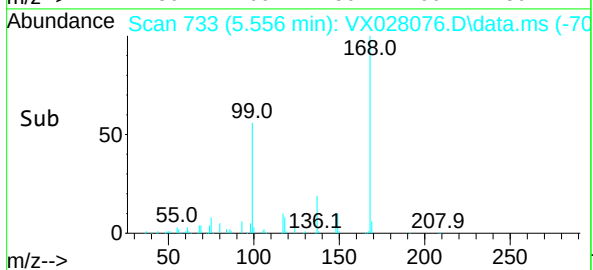
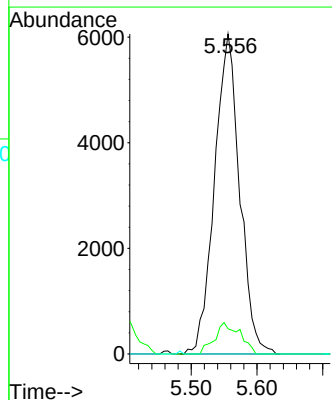
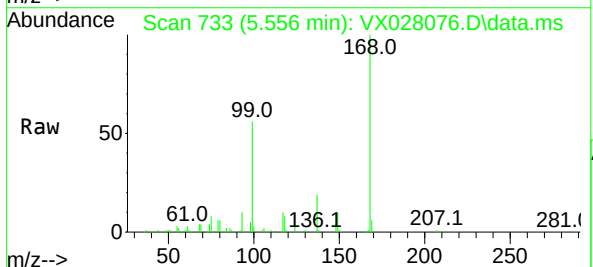
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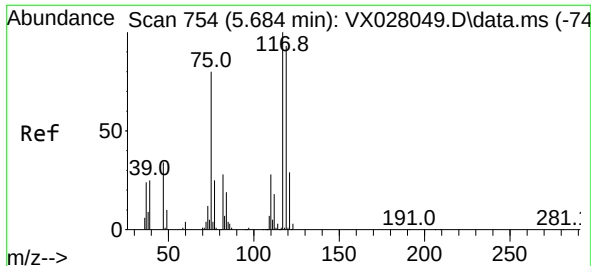
Tgt Ion:113 Resp: 116896
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 75 Resp: 16139
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#

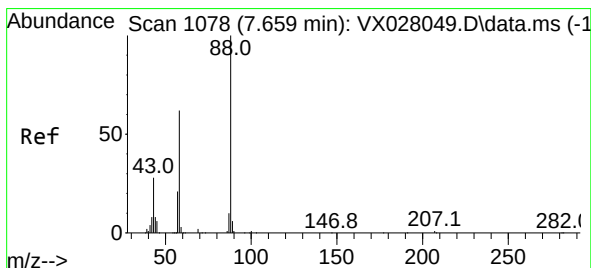
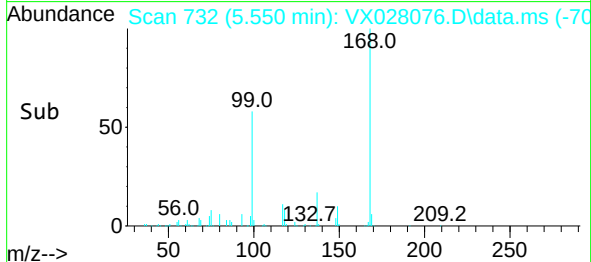
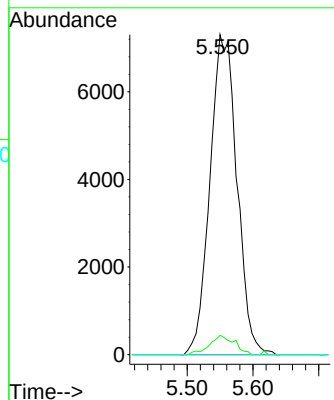
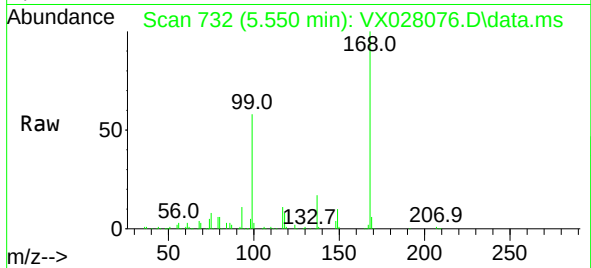




#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

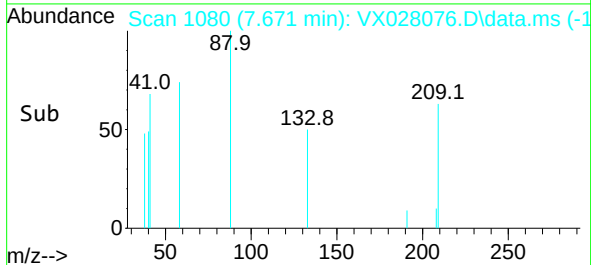
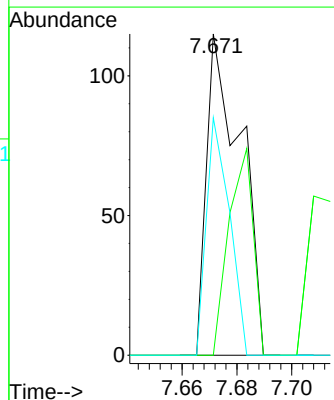
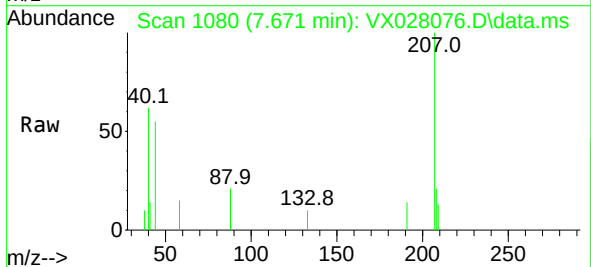
Instrument :
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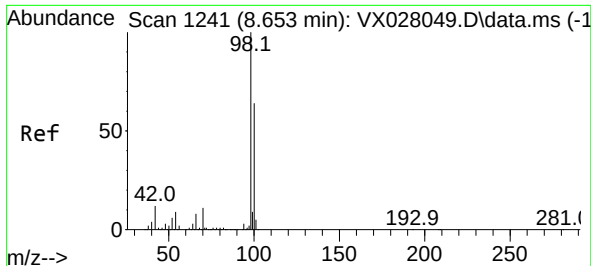
Tgt Ion:117 Resp: 20851
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 1.418 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 46.0 21.9 32.9#
58 50.0 53.7 80.5#

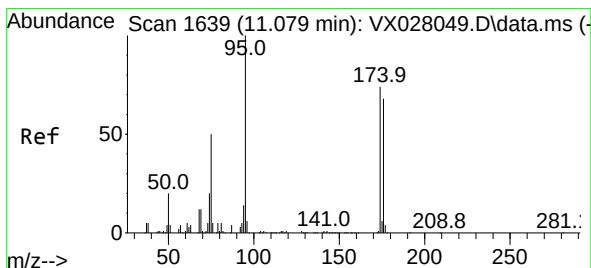
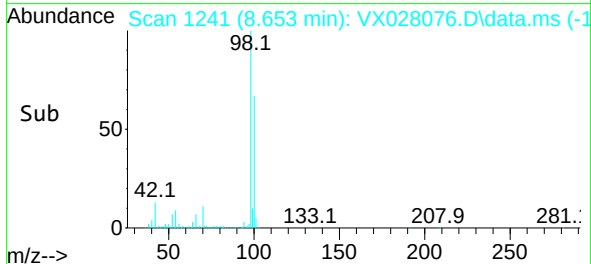
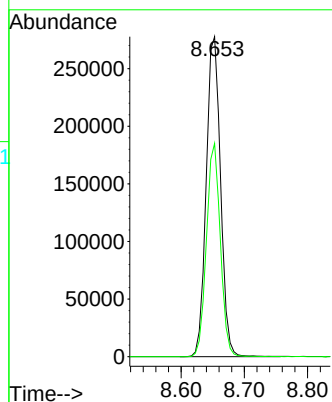
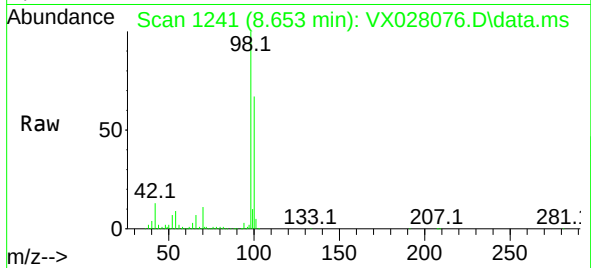




#50
Toluene-d8
Concen: 50.299 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

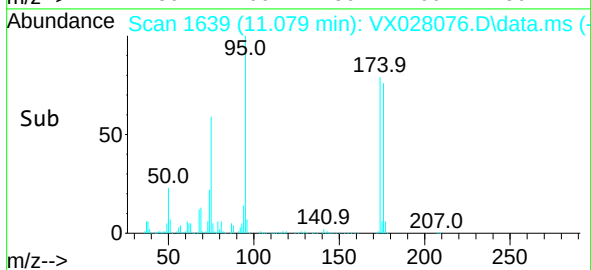
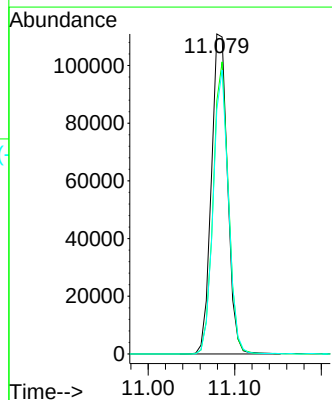
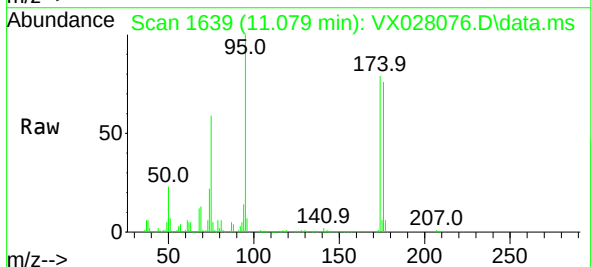
Instrument :
MSVOA_X
ClientSampleId :
MW-26

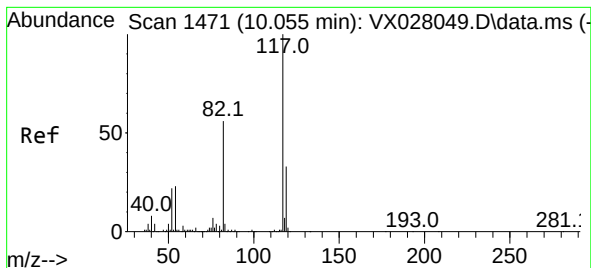
Tgt Ion: 98 Resp: 438402
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.266 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 95 Resp: 144054
Ion Ratio Lower Upper
95 100
174 85.8 0.0 163.0
176 83.9 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028076.D

Acq: 12 Apr 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

MW-26

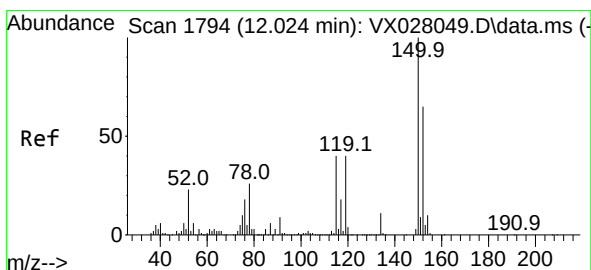
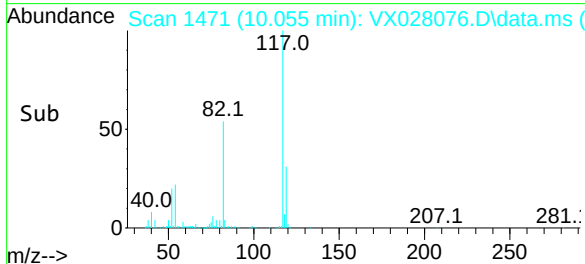
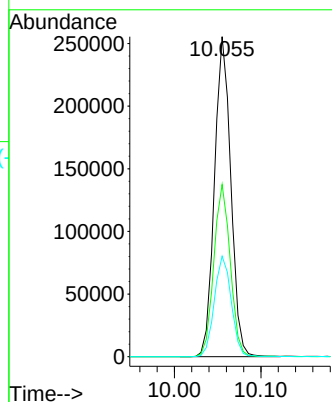
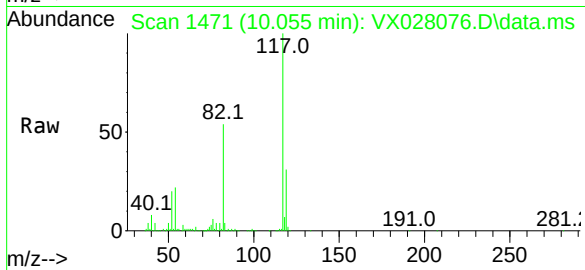
Tgt Ion:117 Resp: 334539

Ion Ratio Lower Upper

117 100

82 53.8 41.8 62.8

119 31.4 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028076.D

Acq: 12 Apr 2022 22:59

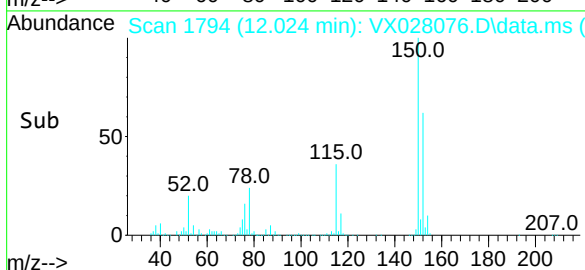
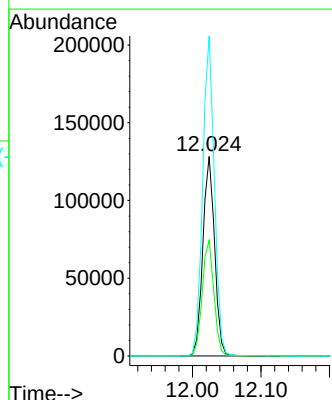
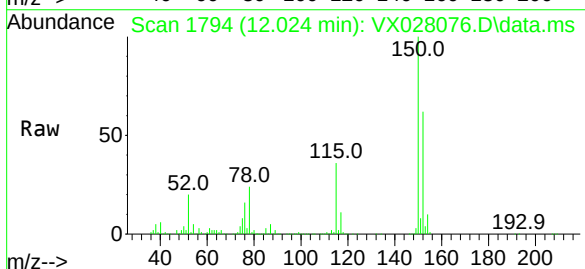
Tgt Ion:152 Resp: 153828

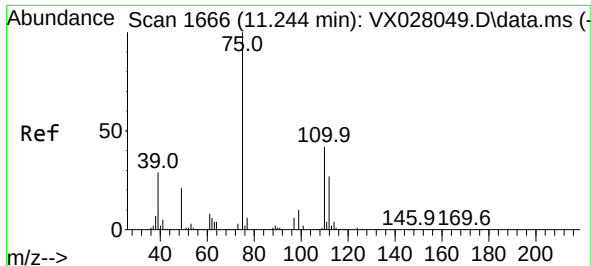
Ion Ratio Lower Upper

152 100

115 57.6 37.5 112.7

150 158.5 0.0 338.2

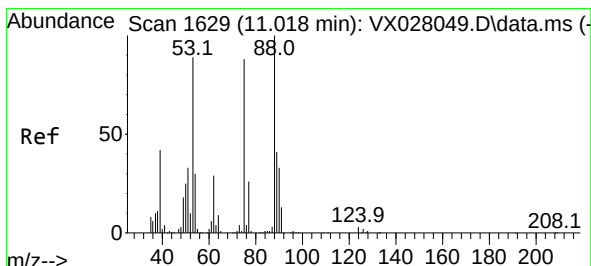
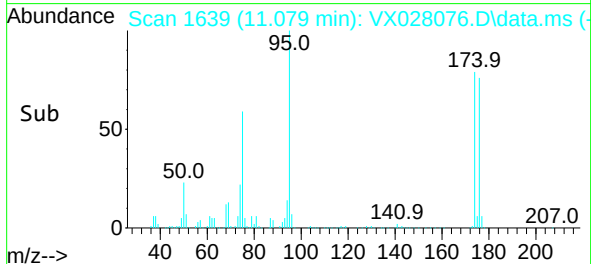
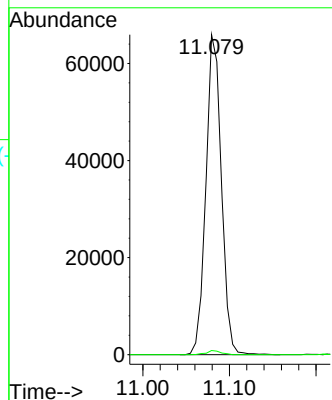
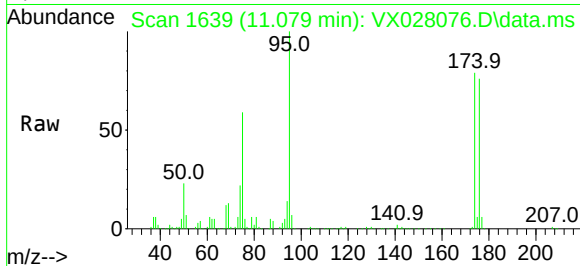




#76
1,2,3-Trichloropropane
Concen: 23.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 81832
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.301 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028076.D
Acq: 12 Apr 2022 22:59

Tgt Ion: 75 Resp: 81832
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

