

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030300.D
 Acq On : 29 Jul 2022 14:12
 Operator : JC/MD
 Sample : N3861-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Aug 01 05:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

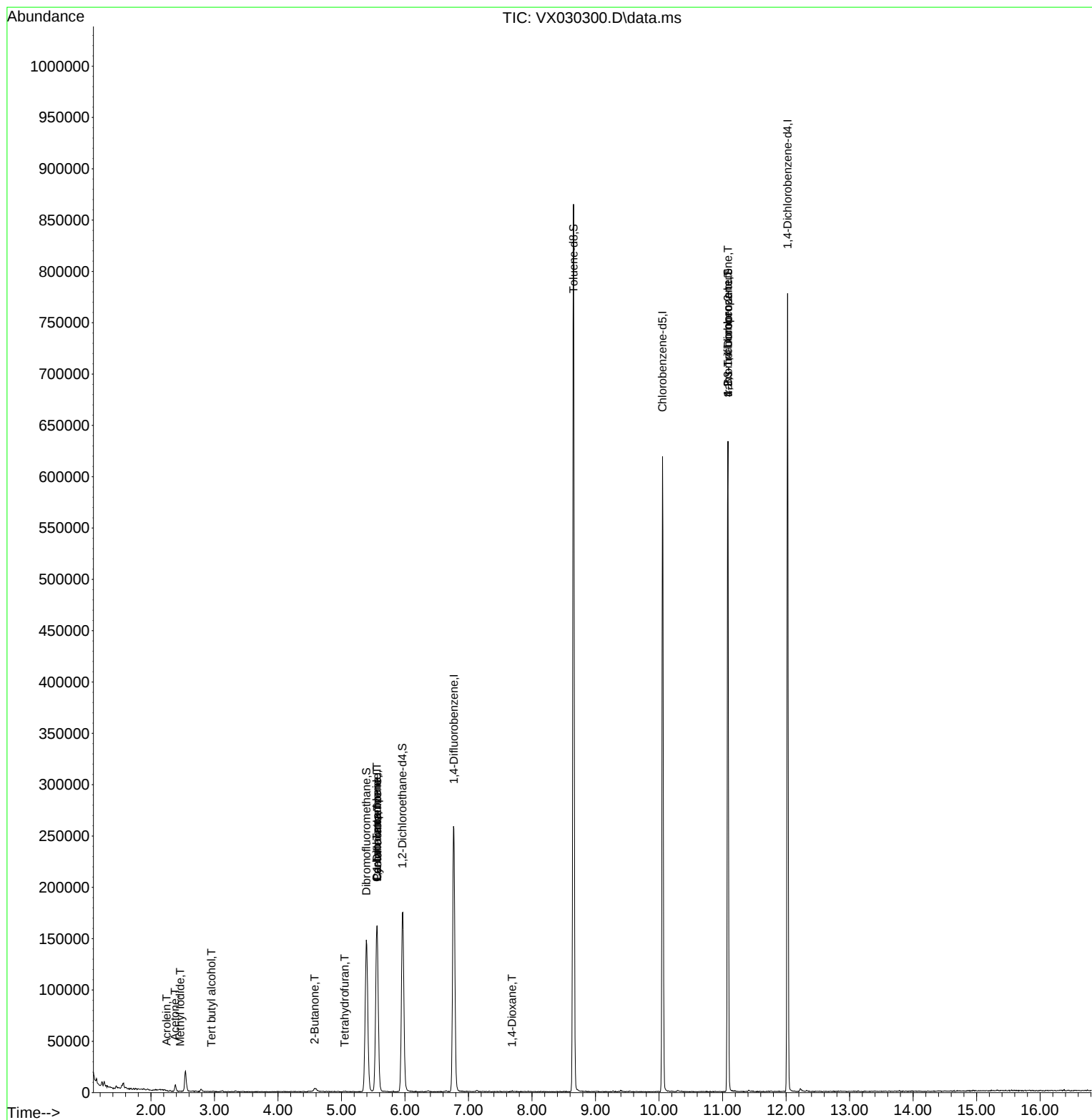
Internal Standards						
1) Pentafluorobenzene	5.562	168	151253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165767	54.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	5.391	113	131497	51.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.140%	
50) Toluene-d8	8.653	98	500907	50.726	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.085	95	174600	47.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	362	Below Cal	#	39
10) Methyl Iodide	2.459	142	292	1.645	ug/l #	65
11) Tert butyl alcohol	2.953	59	343	0.463	ug/l #	74
13) Acrolein	2.245	56	214	1.174	ug/l #	14
16) Acetone	2.380	43	6093	3.915	ug/l #	86
20) Methylene Chloride	2.788	84	998	Below Cal	#	93
25) 2-Butanone	4.574	43	792	0.303	ug/l #	48
29) Tetrahydrofuran	5.050	42	388	0.220	ug/l #	37
31) Cyclohexane	5.562	56	3507	0.795	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12886	3.512	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16026	4.678	ug/l #	19
49) 1,4-Dioxane	7.683	88	249	2.875	ug/l #	29
67) Ethyl Benzene	10.201	91	152	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	85574	21.367	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	85574	64.099	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030300.D
Acq On : 29 Jul 2022 14:12
Operator : JC/MD
Sample : N3861-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Quant Time: Aug 01 05:13:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

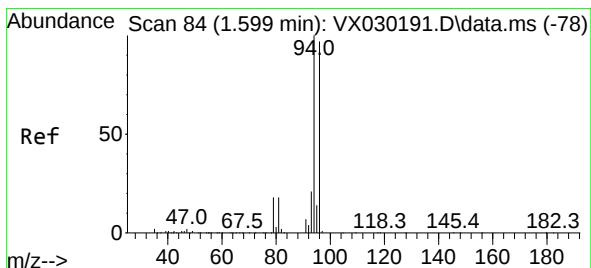
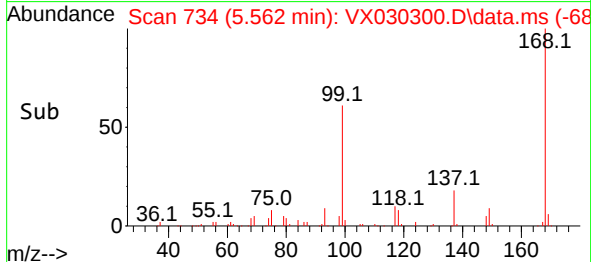
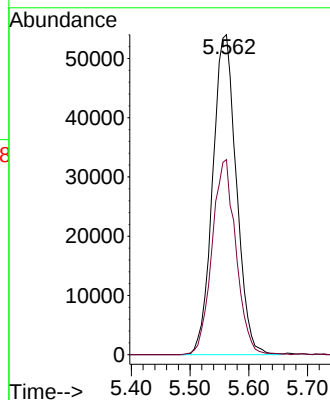
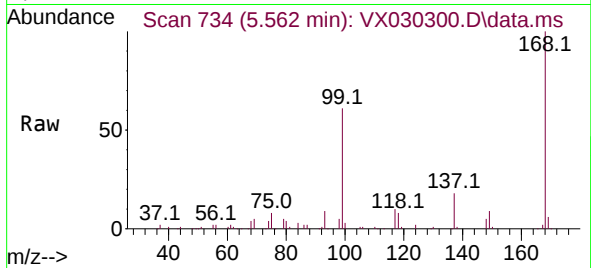




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

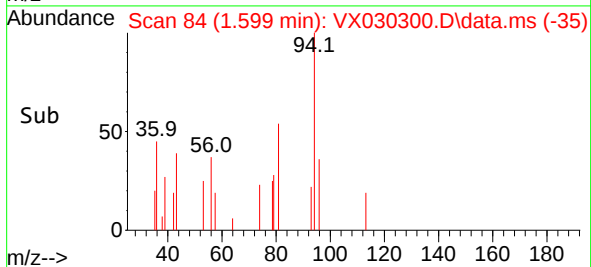
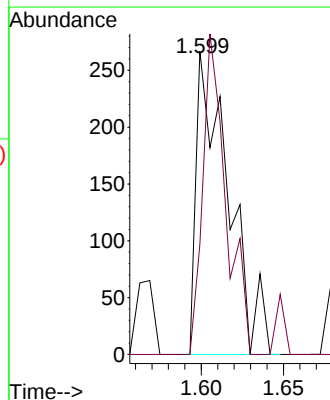
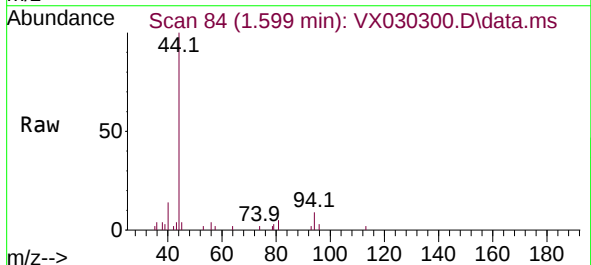
Instrument :
MSVOA_X
ClientSampleId :
MW-26

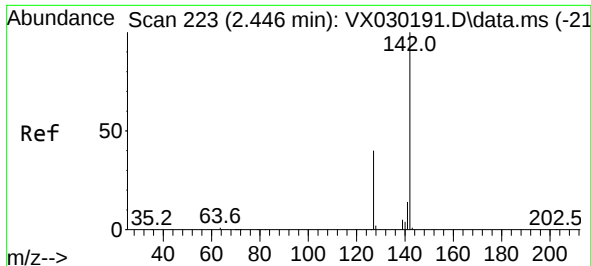
Tgt Ion:168 Resp: 151253
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 36.3 76.9 115.3#

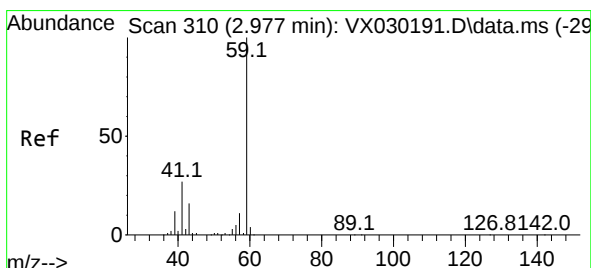
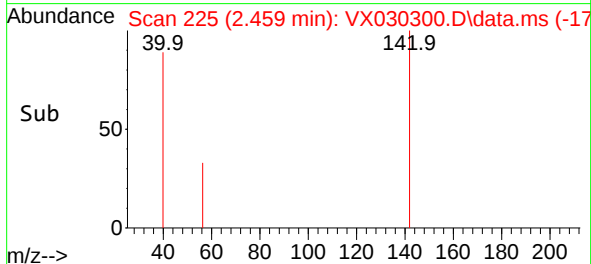
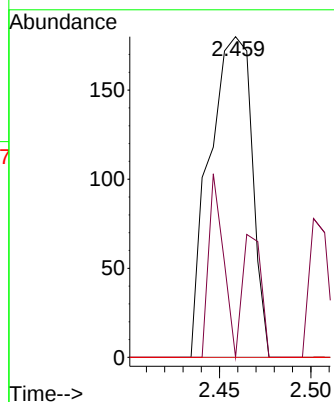
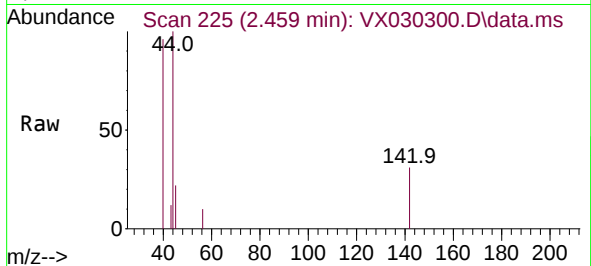




#10
Methyl Iodide
Concen: 1.645 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

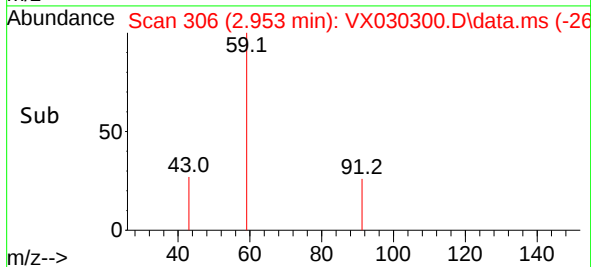
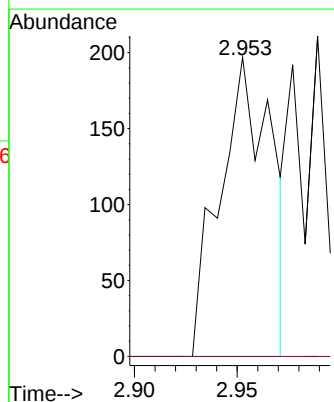
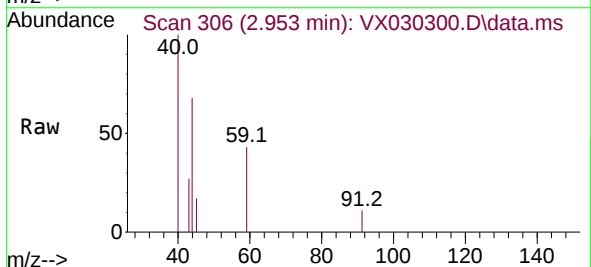
Instrument :
MSVOA_X
ClientSampleId :
MW-26

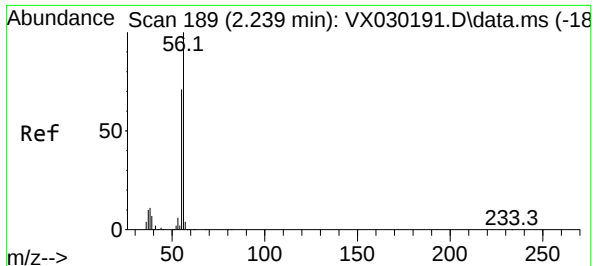
Tgt Ion:142 Resp: 292
Ion Ratio Lower Upper
142 100
127 16.8 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.463 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

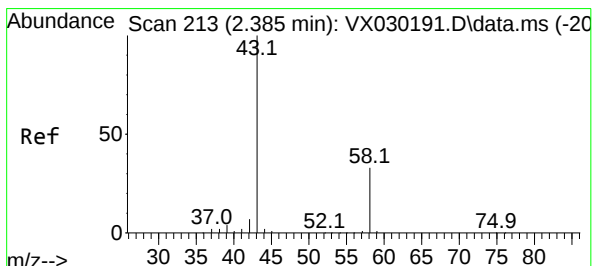
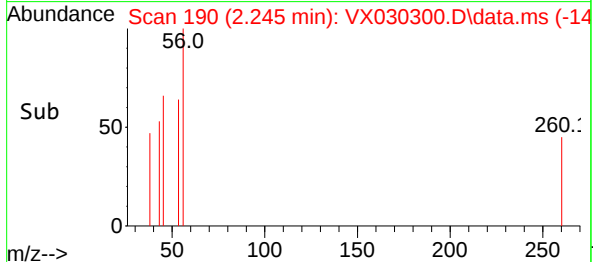
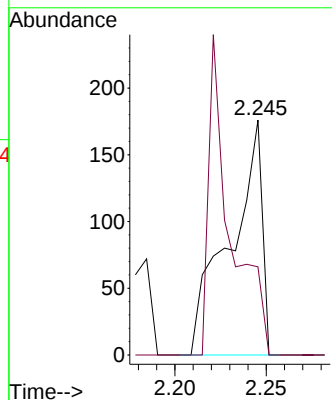
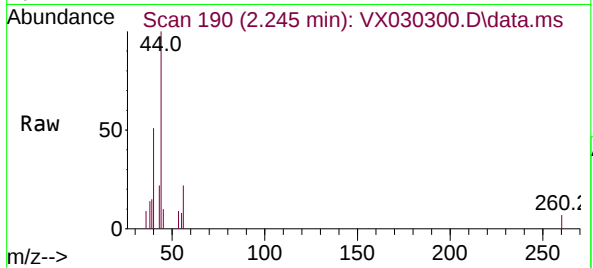




#13
Acrolein
Concen: 1.174 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

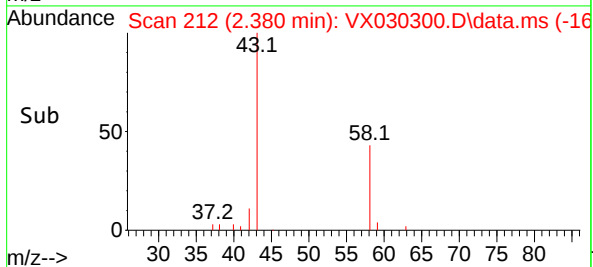
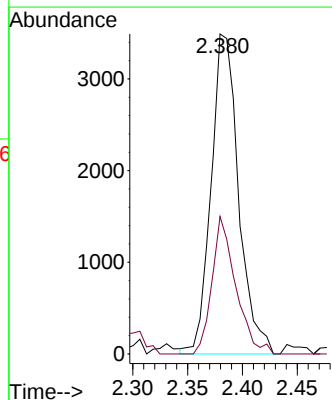
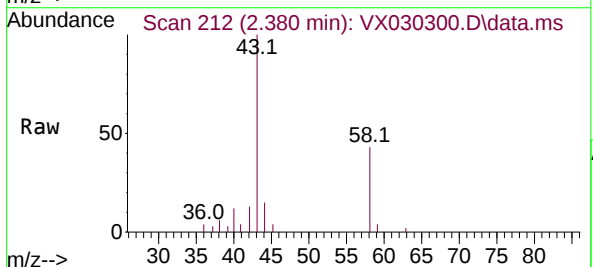
Instrument :
MSVOA_X
ClientSampleId :
MW-26

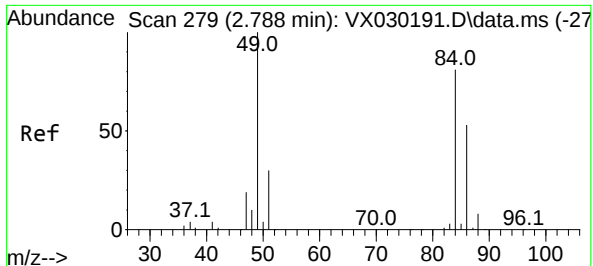
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 3.915 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 43 Resp: 6093
Ion Ratio Lower Upper
43 100
58 42.9 27.7 41.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX030300.D

Acq: 29 Jul 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

MW-26

Tgt Ion: 84 Resp: 998

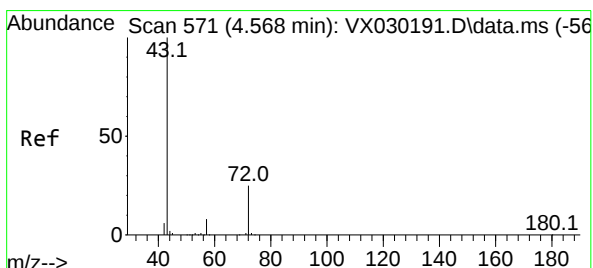
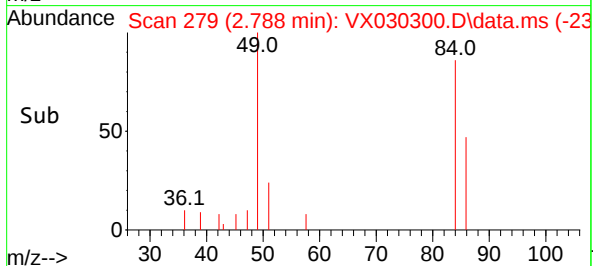
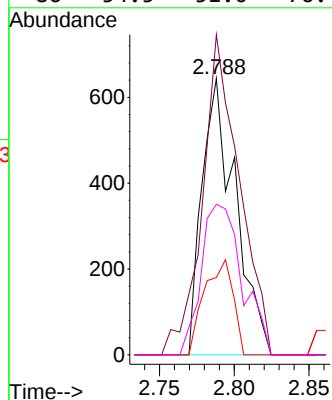
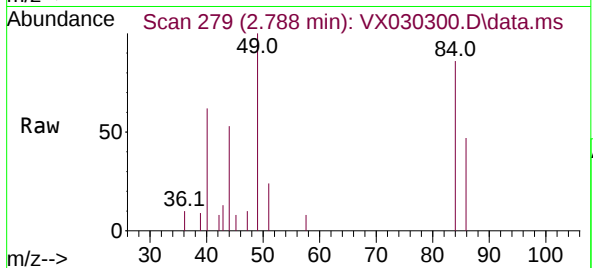
Ion Ratio Lower Upper

84 100

49 115.8 93.8 140.6

51 28.0 29.4 44.0#

86 54.5 51.0 76.4



#25

2-Butanone

Concen: 0.303 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX030300.D

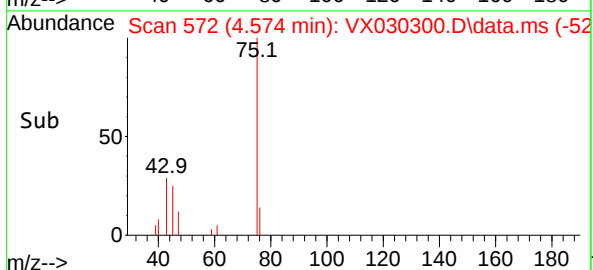
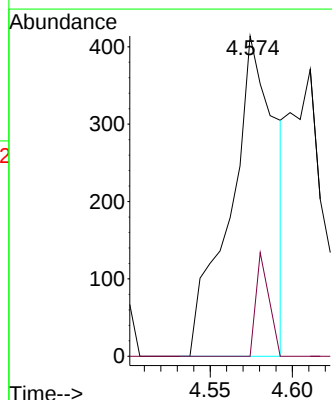
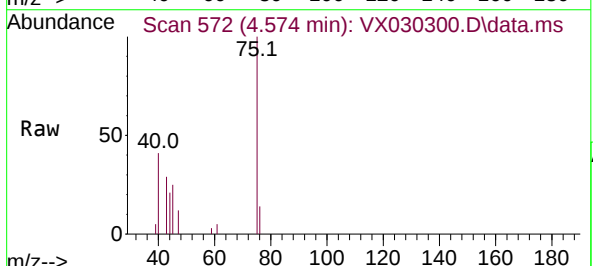
Acq: 29 Jul 2022 14:12

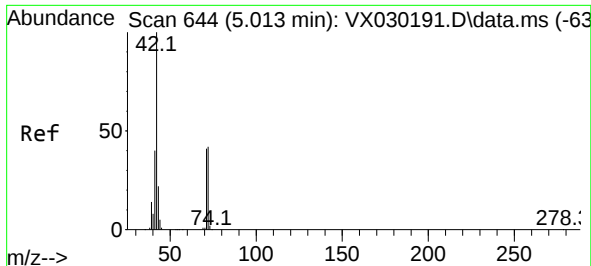
Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#

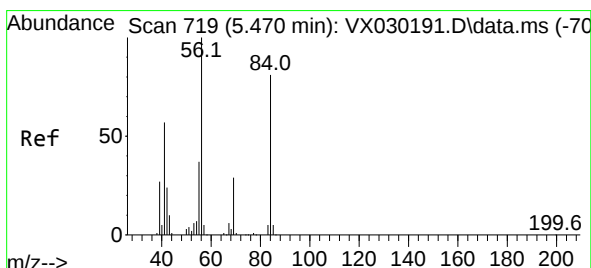
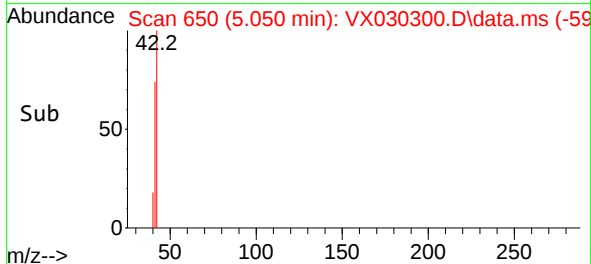
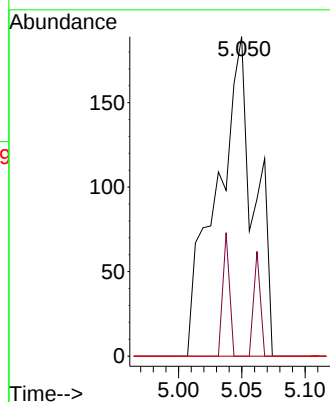
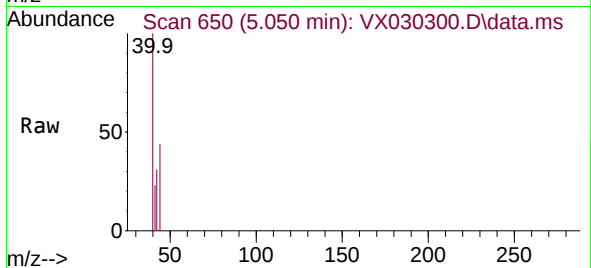




#29
Tetrahydrofuran
Concen: 0.220 ug/l
RT: 5.050 min Scan# 611
Delta R.T. 0.037 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

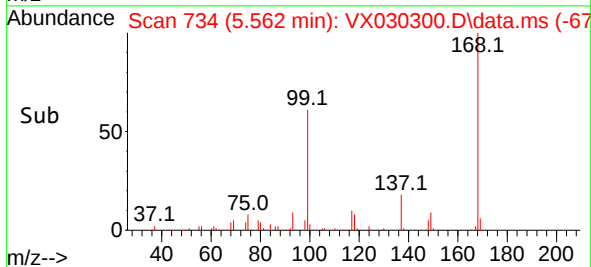
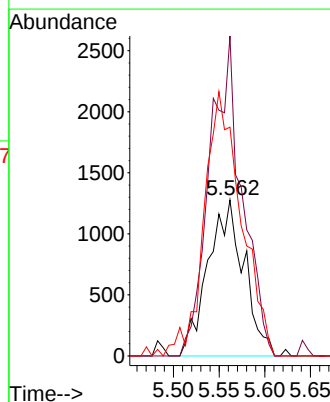
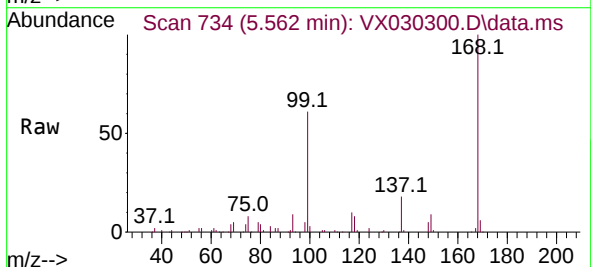
Instrument :
MSVOA_X
ClientSampleId :
MW-26

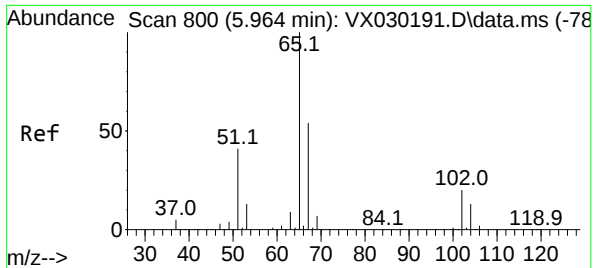
Tgt Ion: 42 Resp: 388
Ion Ratio Lower Upper
42 100
72 7.0 36.5 54.7#
71 0.0 33.9 50.9#



#31
Cyclohexane
Concen: 0.795 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 56 Resp: 3507
Ion Ratio Lower Upper
56 100
69 205.2 25.4 38.0#
84 146.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.527 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030300.D

Acq: 29 Jul 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

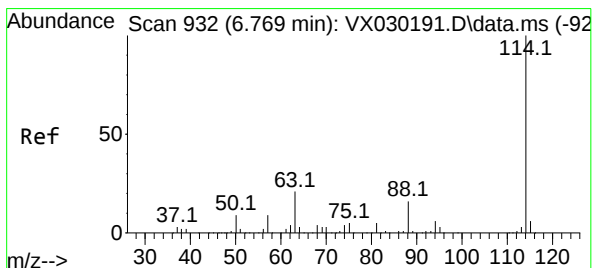
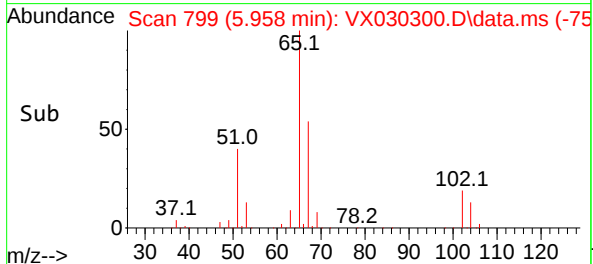
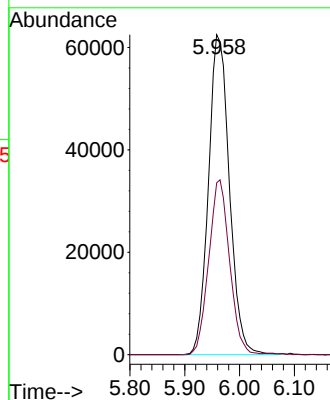
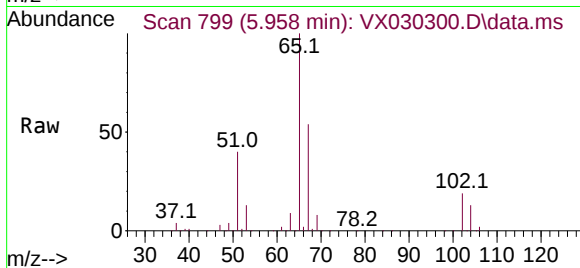
MW-26

Tgt Ion: 65 Resp: 165767

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030300.D

Acq: 29 Jul 2022 14:12

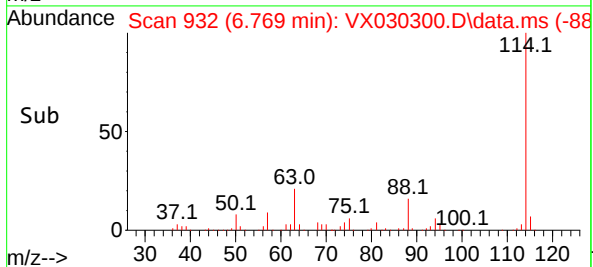
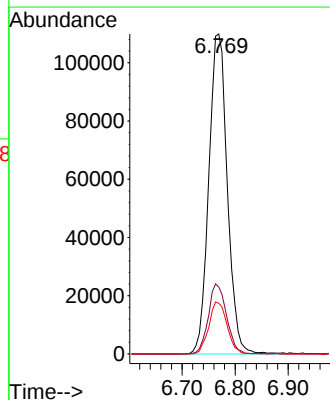
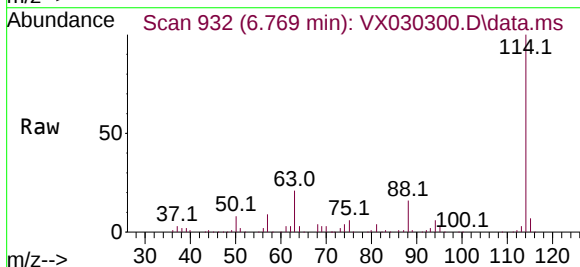
Tgt Ion: 114 Resp: 266738

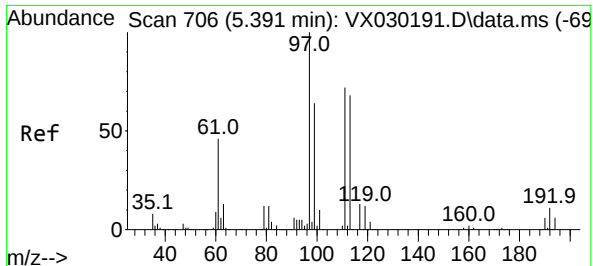
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.570 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030300.D

Acq: 29 Jul 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

MW-26

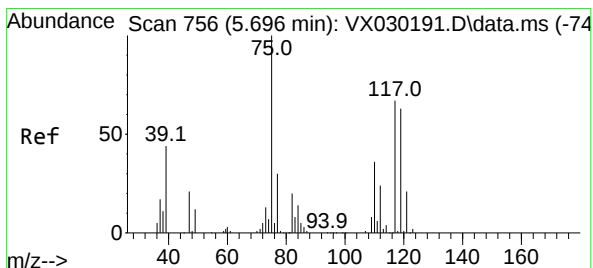
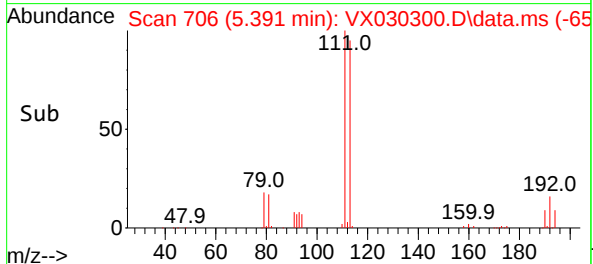
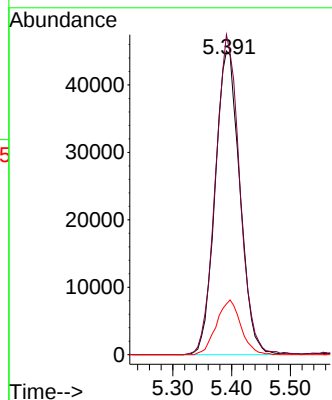
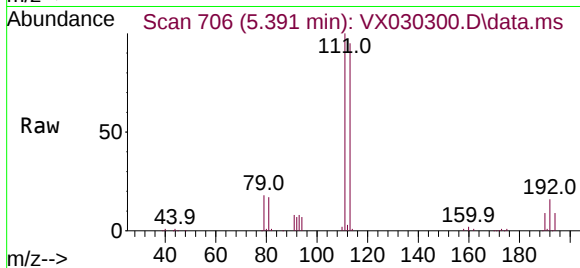
Tgt Ion:113 Resp: 131497

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.512 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030300.D

Acq: 29 Jul 2022 14:12

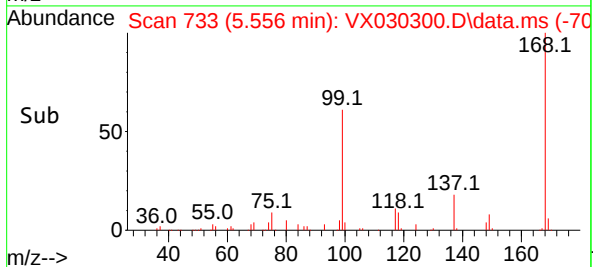
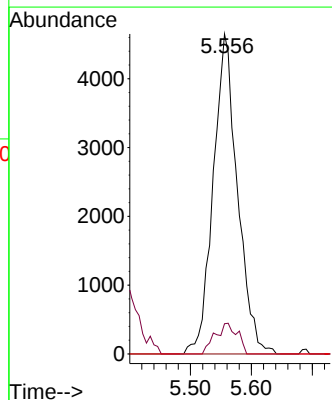
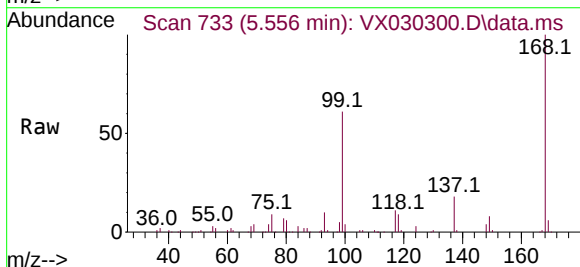
Tgt Ion: 75 Resp: 12886

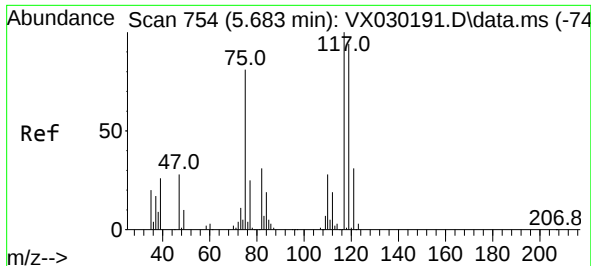
Ion Ratio Lower Upper

75 100

110 8.8 19.3 57.9#

77 0.0 24.4 36.6#

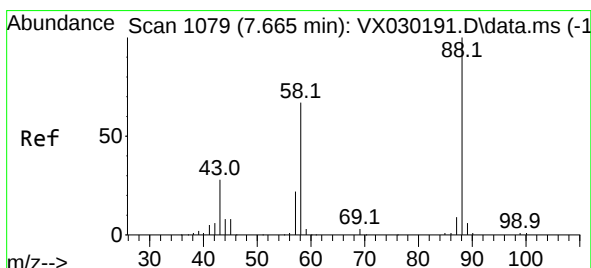
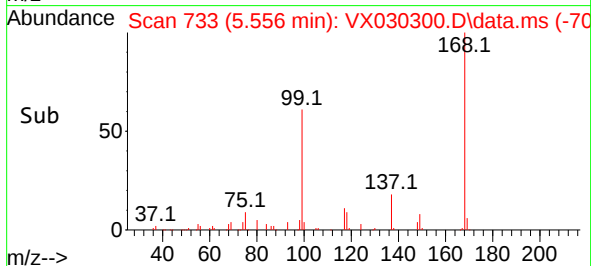
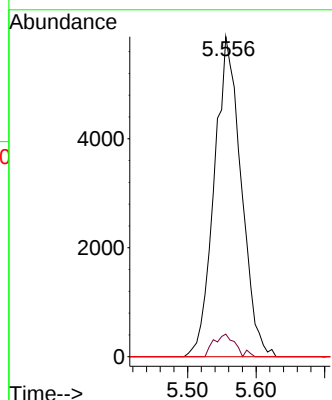
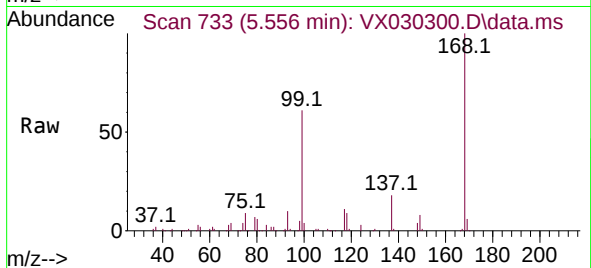




#38
Carbon Tetrachloride
Concen: 4.678 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

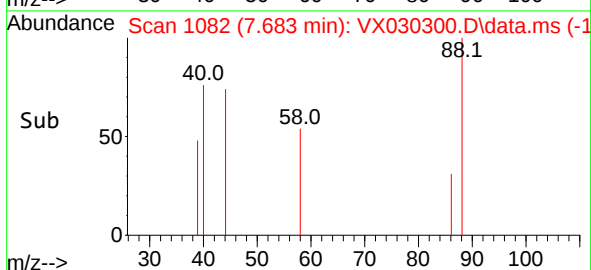
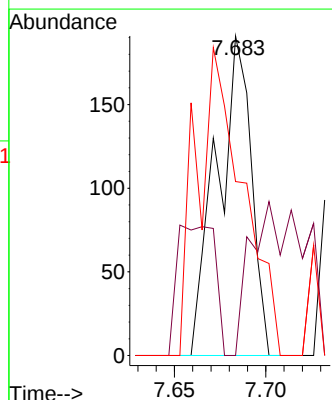
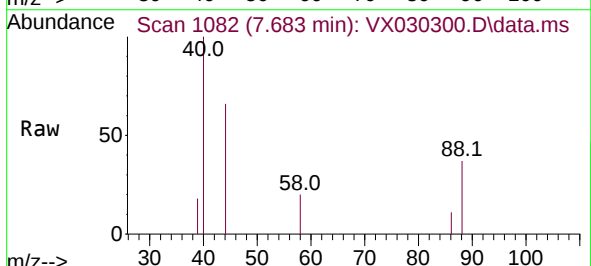
Instrument :
MSVOA_X
ClientSampleId :
MW-26

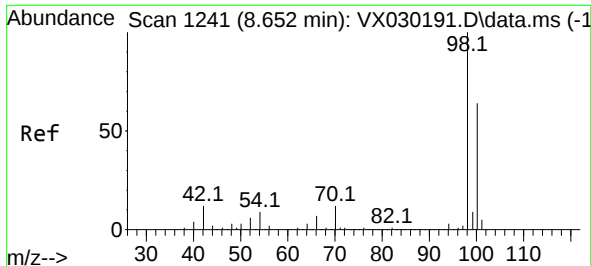
Tgt Ion:117 Resp: 16026
Ion Ratio Lower Upper
117 100
119 7.0 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 2.875 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 129.3 53.8 80.6#

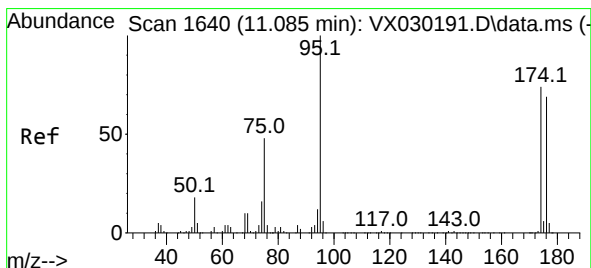
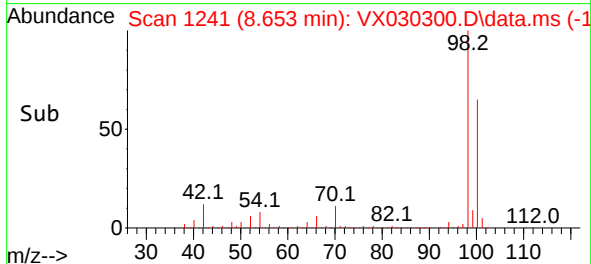
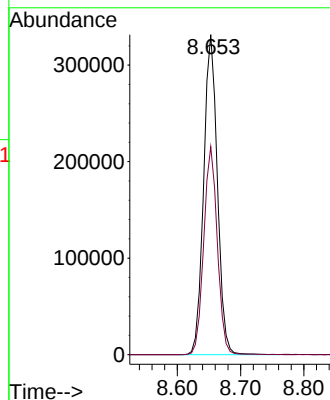
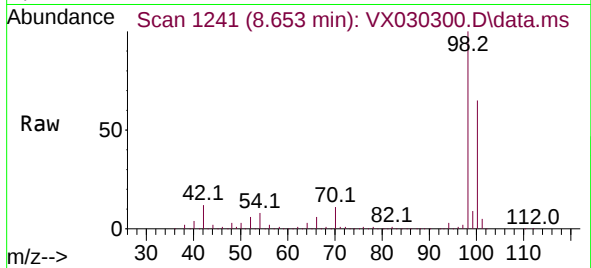




#50
Toluene-d8
Concen: 50.726 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

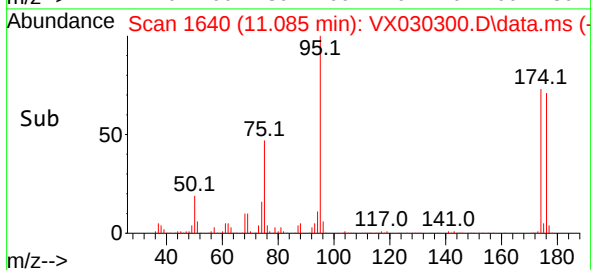
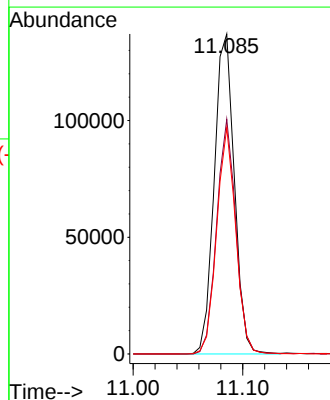
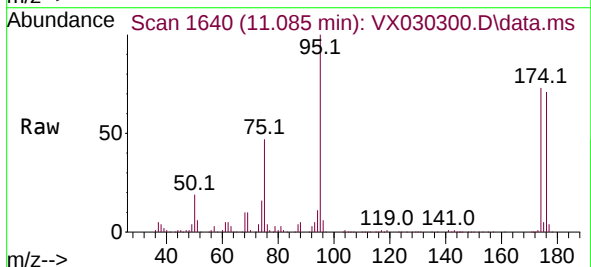
Instrument :
MSVOA_X
ClientSampleId :
MW-26

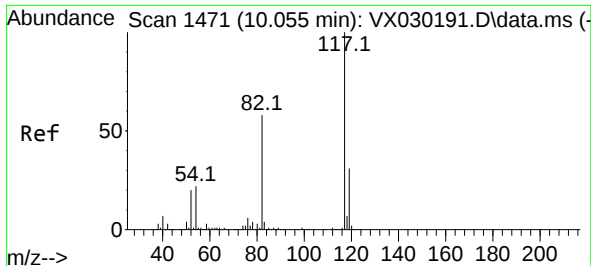
Tgt Ion: 98 Resp: 500907
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.643 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 95 Resp: 174600
Ion Ratio Lower Upper
95 100
174 69.9 0.0 149.0
176 67.1 0.0 146.0

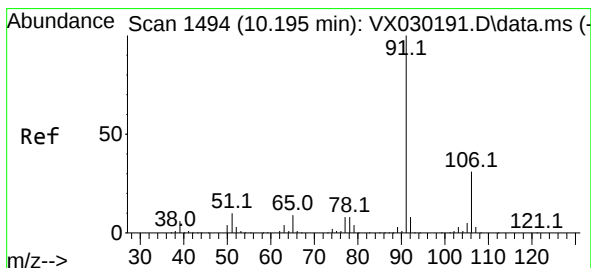
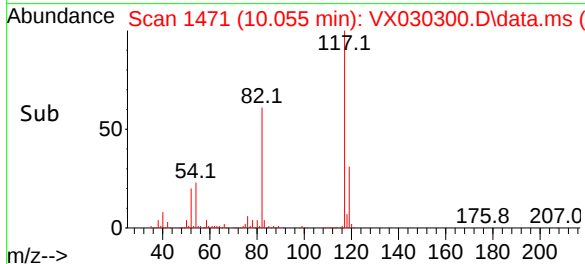
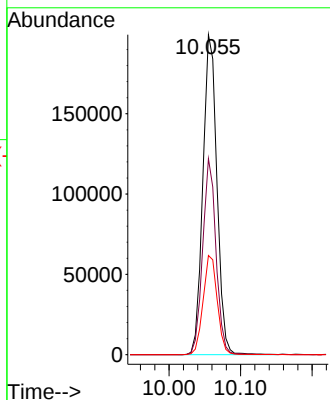
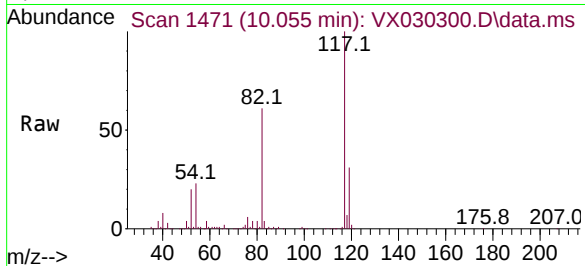




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

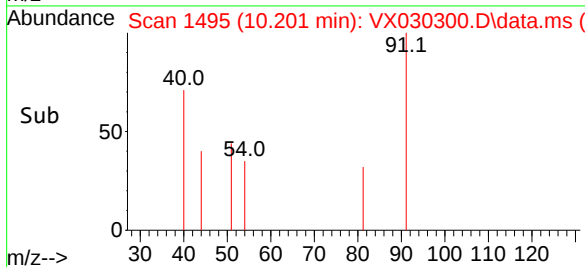
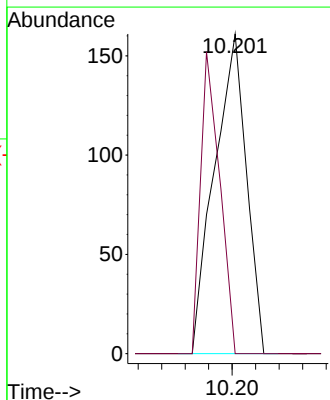
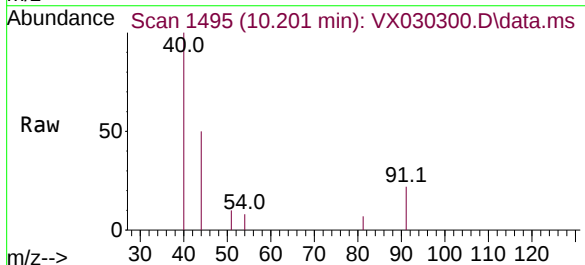
Instrument :
MSVOA_X
ClientSampleId :
MW-26

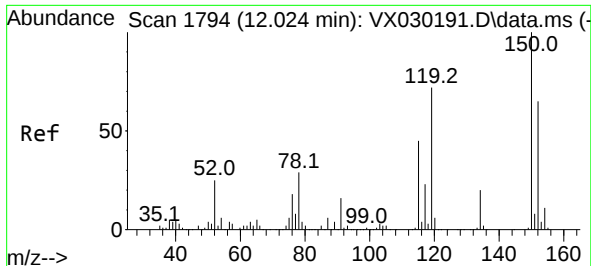
Tgt Ion:117 Resp: 271714
Ion Ratio Lower Upper
117 100
82 61.3 42.7 64.1
119 31.0 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030300.D
Acq: 29 Jul 2022 14:12

Tgt Ion: 91 Resp: 152
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

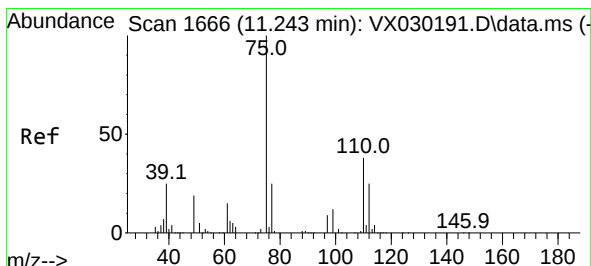
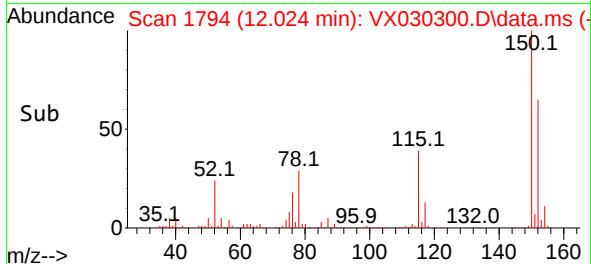
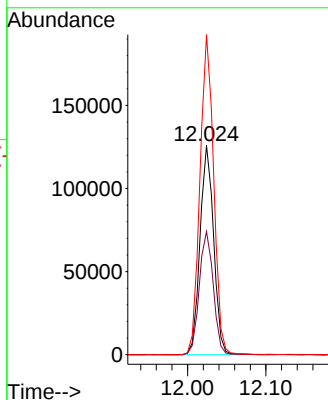
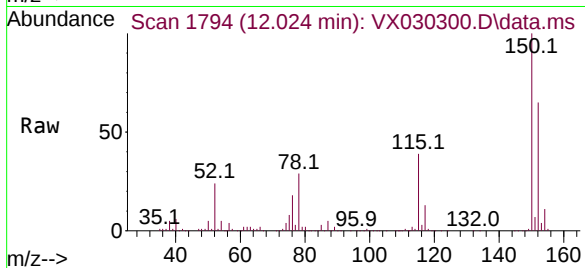




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030300.D
 Acq: 29 Jul 2022 14:12

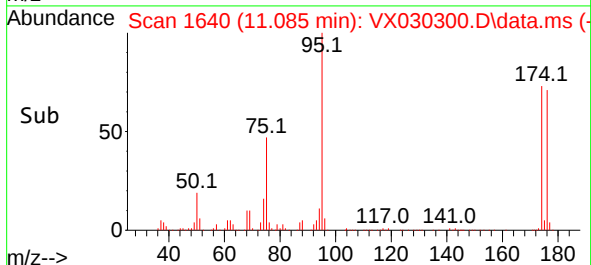
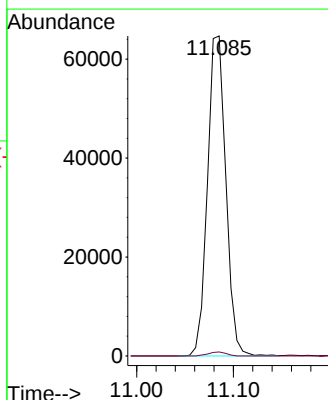
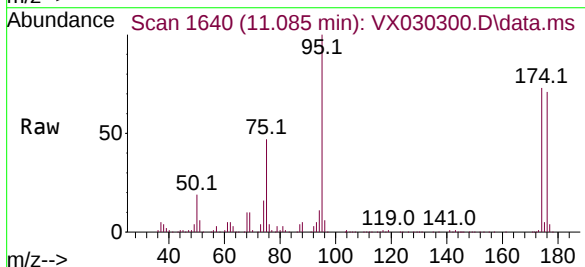
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

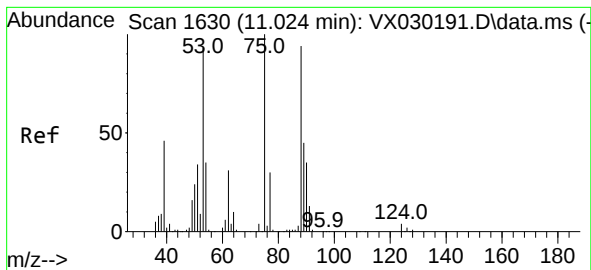
Tgt Ion:152 Resp: 151937
 Ion Ratio Lower Upper
 152 100
 115 60.5 40.5 121.5
 150 154.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.367 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030300.D
 Acq: 29 Jul 2022 14:12

Tgt Ion: 75 Resp: 85574
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.099 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030300.D
 Acq: 29 Jul 2022 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Tgt Ion: 75 Resp: 85574
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

