

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026828.D
 Acq On : 08 Feb 2022 17:33
 Operator : JC/MD
 Sample : N1429-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21S

Quant Time: Feb 09 03:05:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

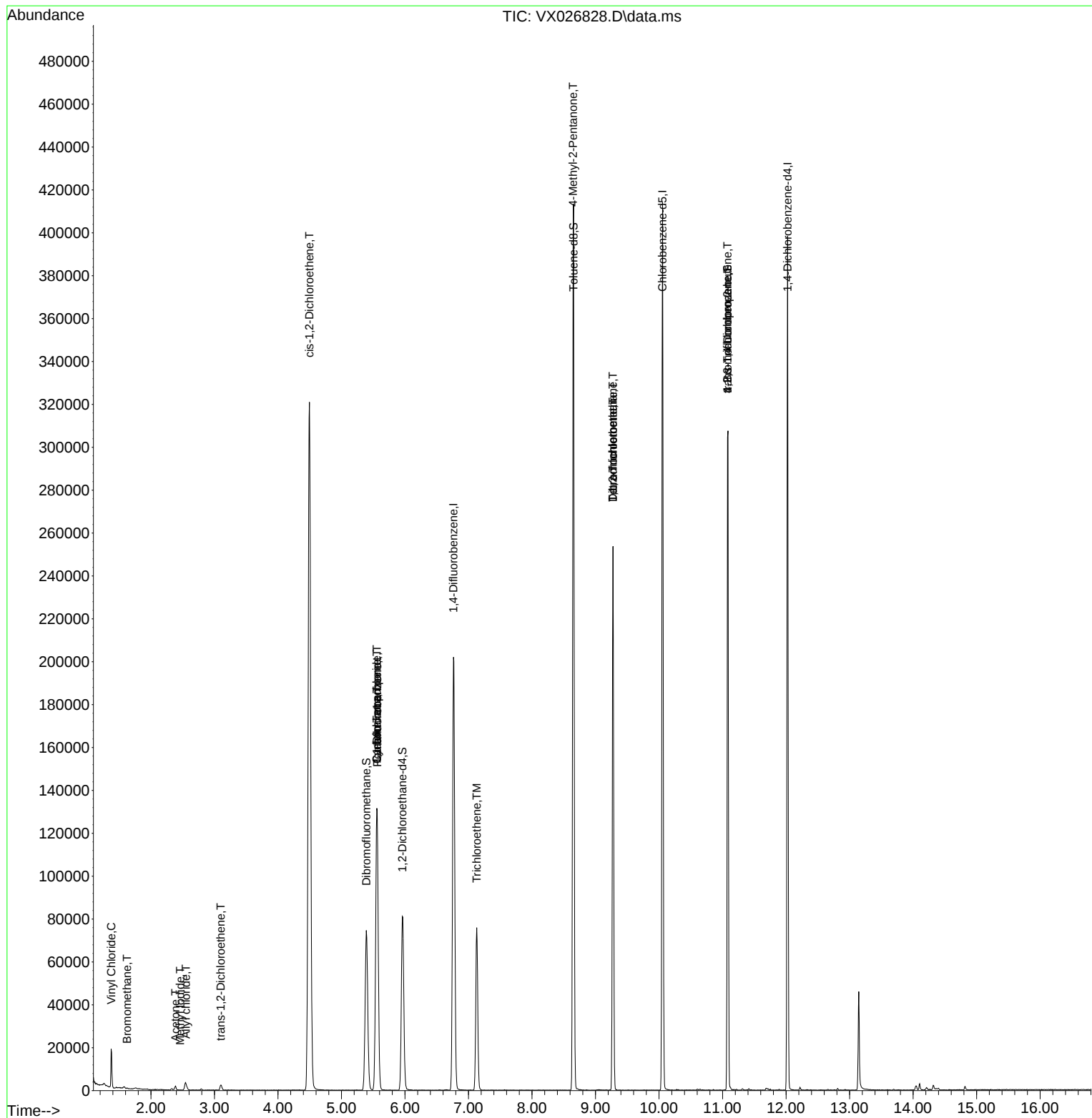
Internal Standards						
1) Pentafluorobenzene	5.562	168	127077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80049	52.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.960%	
35) Dibromofluoromethane	5.391	113	65915	52.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.100%	
50) Toluene-d8	8.653	98	244496	53.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	11.079	95	88222	54.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.840%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	11260	8.368	ug/l	100
5) Bromomethane	1.624	94	150	0.263	ug/l #	70
6) Chloroethane	1.587	64	22	Below Cal	#	43
10) Methyl Iodide	2.459	142	19	2.264	ug/l #	37
14) Allyl chloride	2.550	41	473	0.205	ug/l #	70
16) Acetone	2.386	43	2195	3.276	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	1030	0.753	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	208436	132.652	ug/l	87
31) Cyclohexane	5.556	56	2495	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9428	4.764	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12600	6.072	ug/l #	18
44) Trichloroethene	7.129	130	29895	17.264	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1166	0.556	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	410	0.297	ug/l #	12
60) Dibromochloromethane	9.275	129	45257	31.819	ug/l #	11
64) Tetrachloroethene	9.275	164	46591	24.954	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	43240	25.145	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43240	76.678	ug/l #	3

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

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MSVOA_X
ClientSampleId :
MW-21S

Quant Time: Feb 09 03:05:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

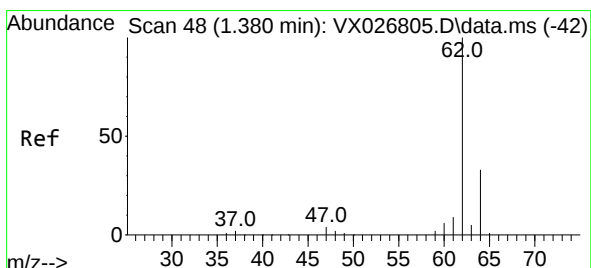
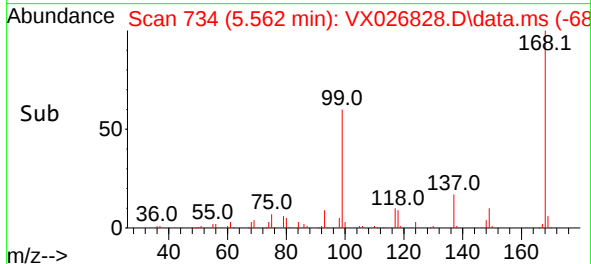
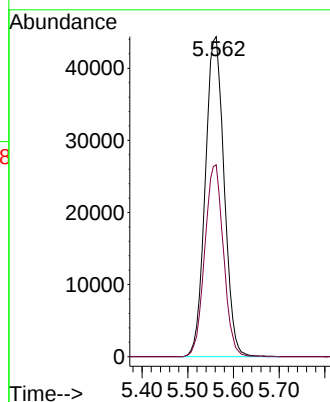
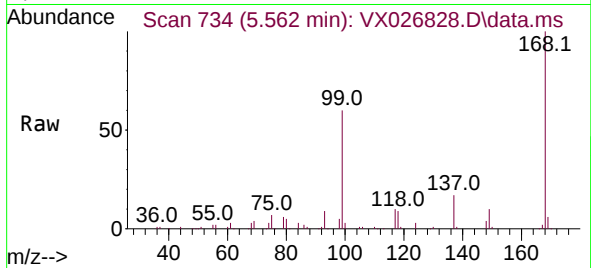




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

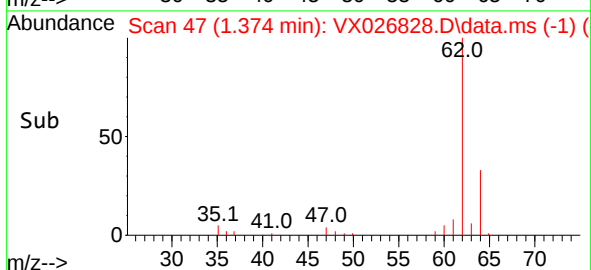
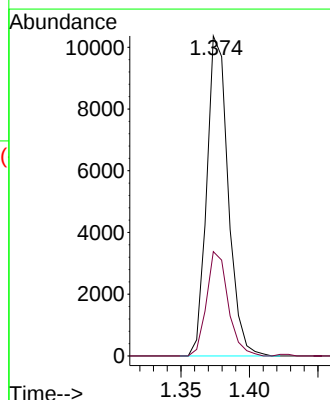
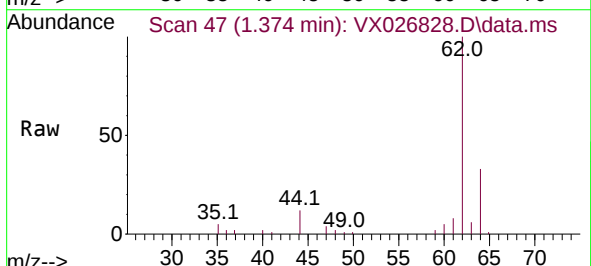
Instrument :
MSVOA_X
ClientSampleId :
MW-21S

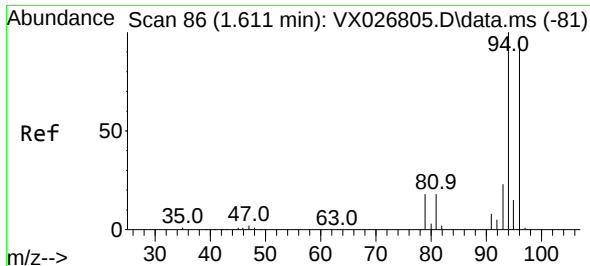
Tgt Ion:168 Resp: 127077
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#4
Vinyl Chloride
Concen: 8.368 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 62 Resp: 11260
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2

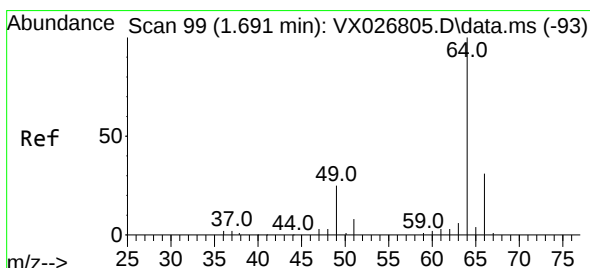
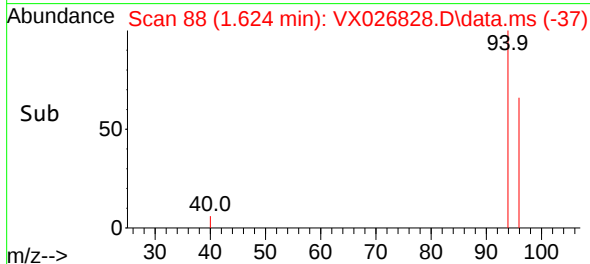
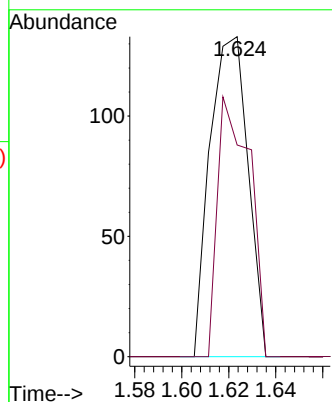
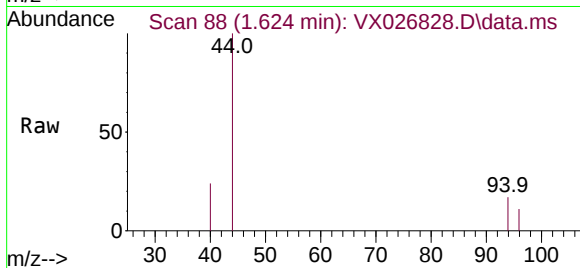




#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

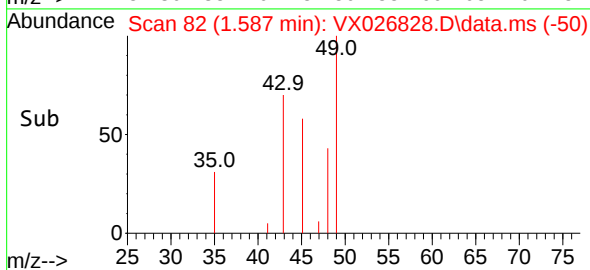
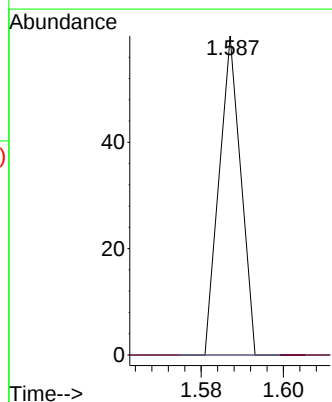
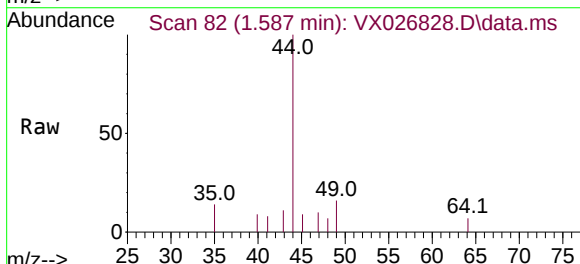
Instrument :
MSVOA_X
Client Sample Id :
MW-21S

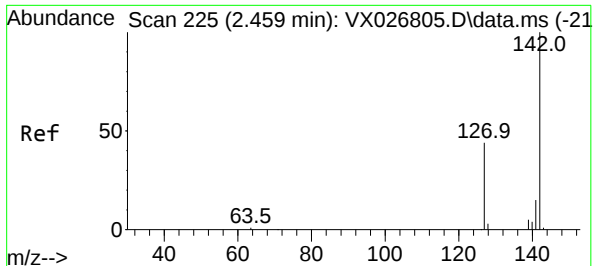
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 66.2 75.9 113.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.104 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

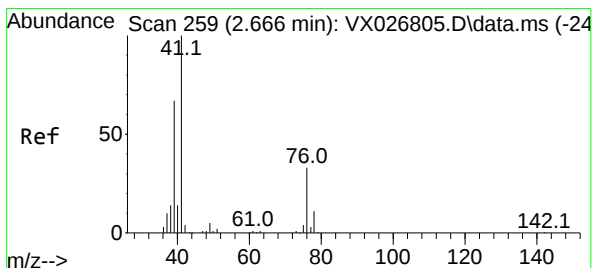
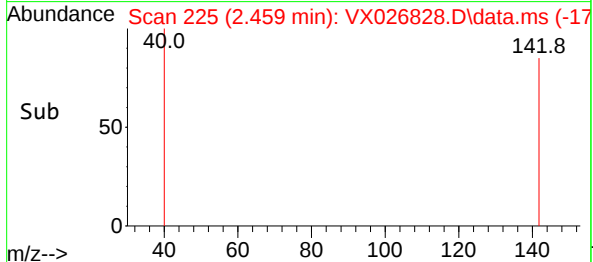
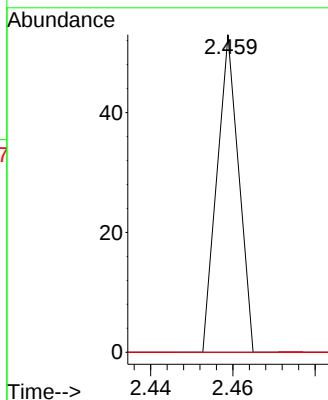
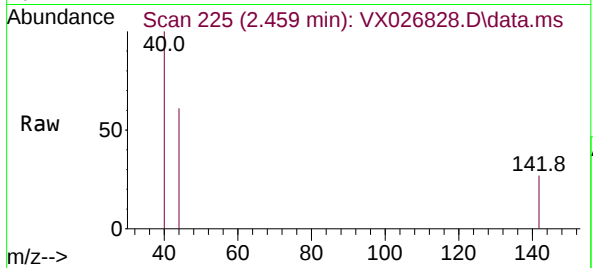




#10
Methyl Iodide
Concen: 2.264 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

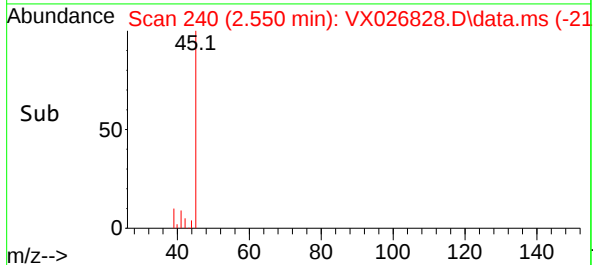
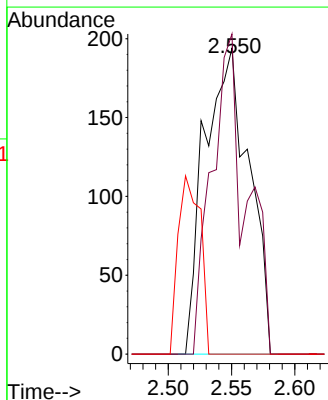
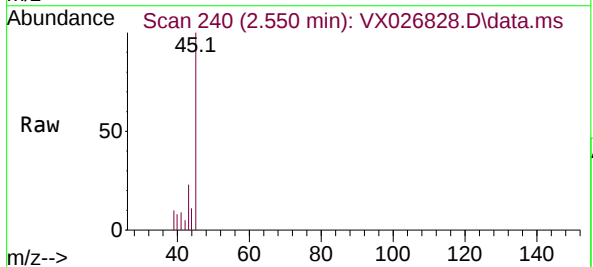
Instrument :
MSVOA_X
ClientSampleId :
MW-21S

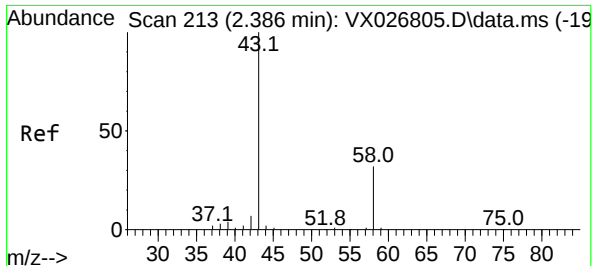
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#14
Allyl chloride
Concen: 0.205 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 41 Resp: 473
Ion Ratio Lower Upper
41 100
39 81.8 54.2 81.4#
76 0.0 25.2 37.8#

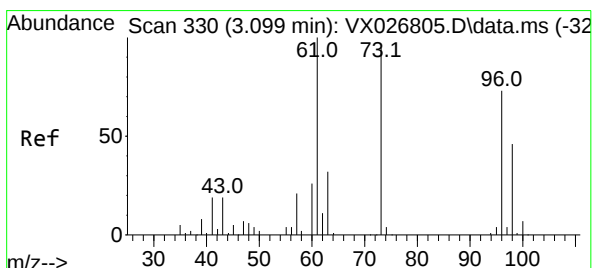
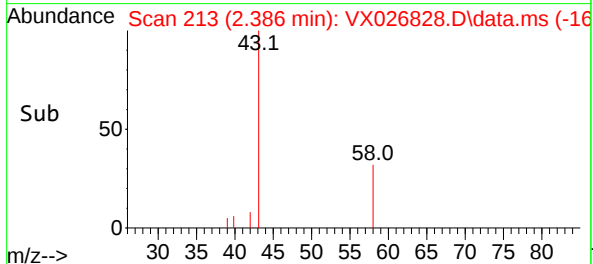
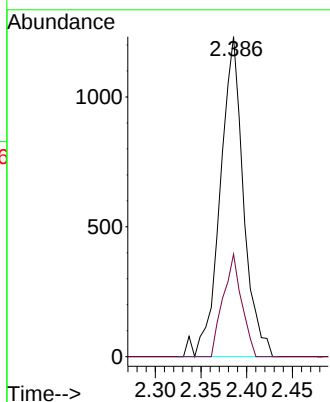
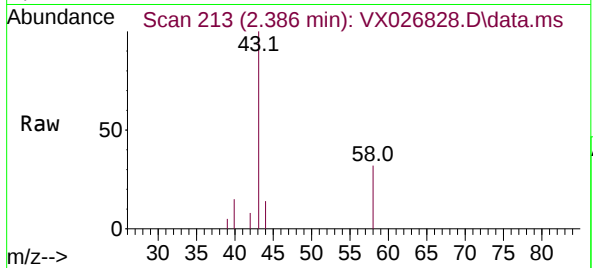




#16
Acetone
Concen: 3.276 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

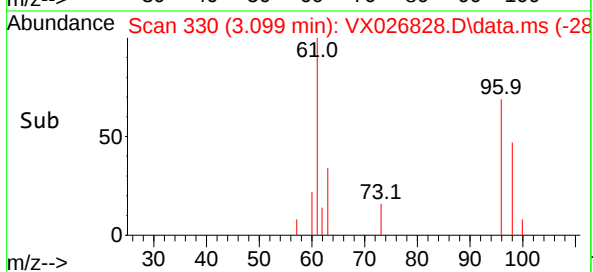
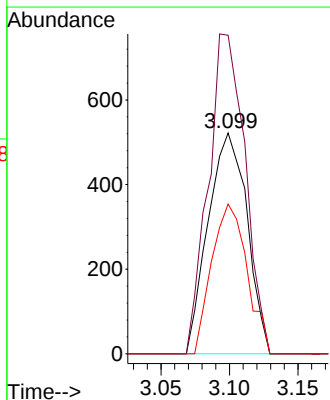
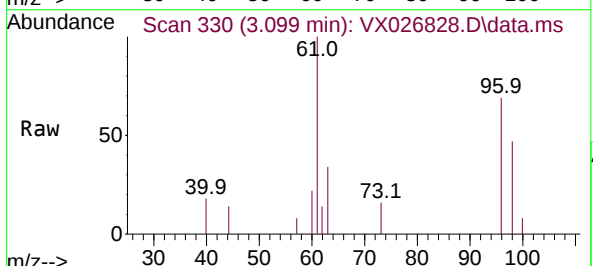
Instrument :
MSVOA_X
ClientSampleId :
MW-21S

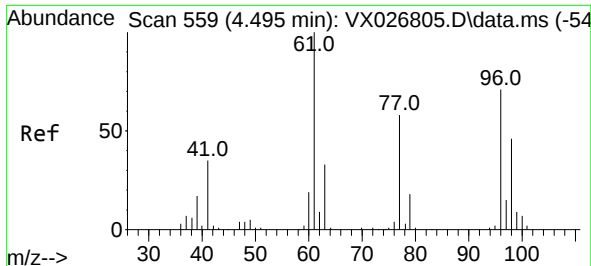
Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
58 32.1 23.0 34.6



#21
trans-1,2-Dichloroethene
Concen: 0.753 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 96 Resp: 1030
Ion Ratio Lower Upper
96 100
61 144.3 112.9 169.3
98 67.8 49.5 74.3





#27

cis-1,2-Dichloroethene

Concen: 132.652 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026828.D

Acq: 08 Feb 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-21S

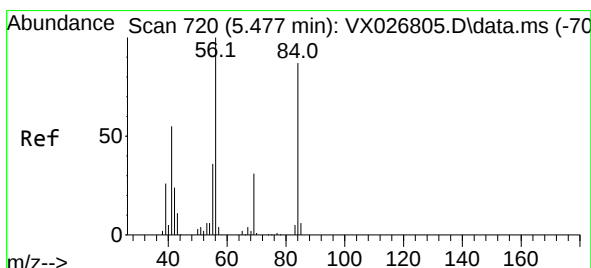
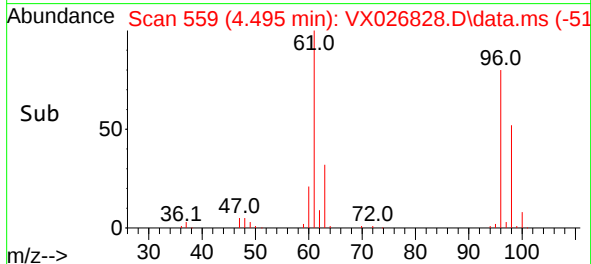
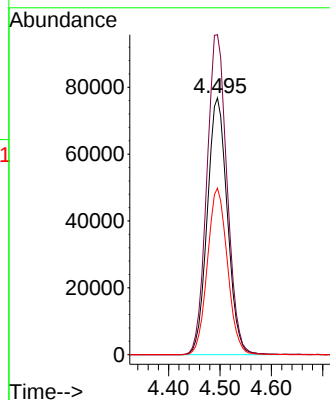
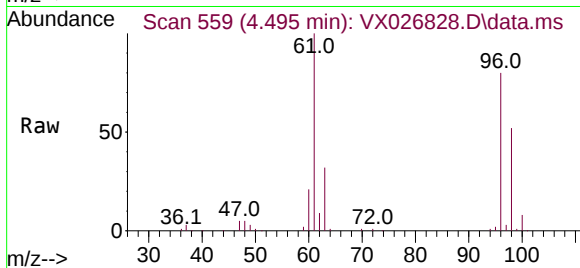
Tgt Ion: 96 Resp: 208436

Ion Ratio Lower Upper

96 100

61 125.8 0.0 296.6

98 64.6 0.0 128.8



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026828.D

Acq: 08 Feb 2022 17:33

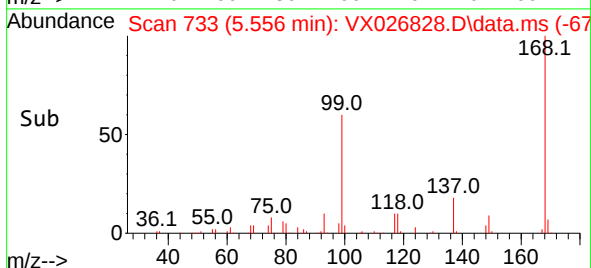
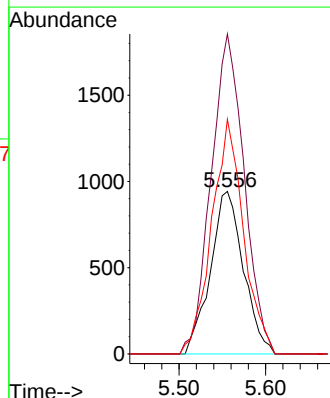
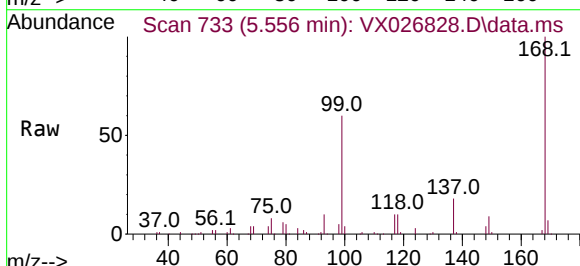
Tgt Ion: 56 Resp: 2495

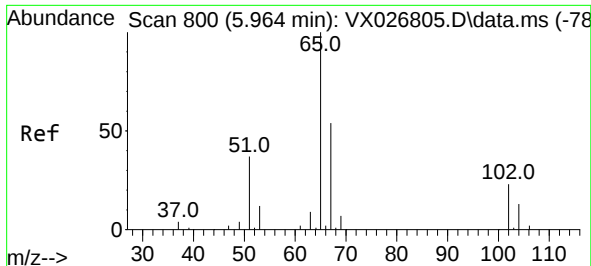
Ion Ratio Lower Upper

56 100

69 196.9 25.8 38.6#

84 144.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.476 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026828.D

Acq: 08 Feb 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

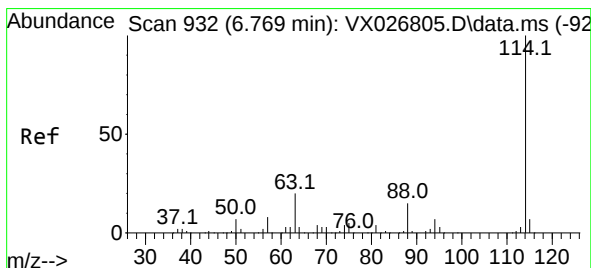
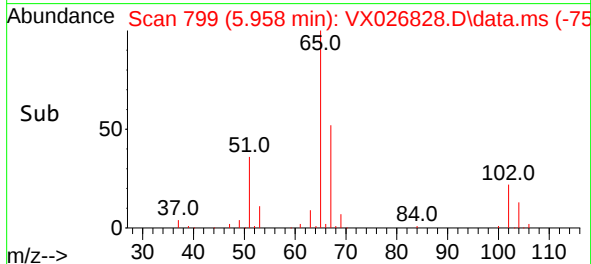
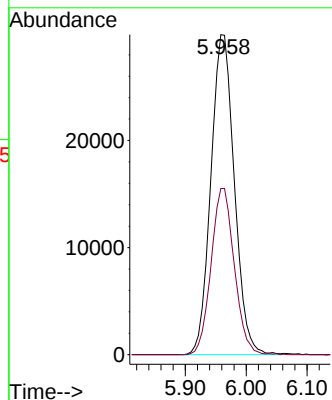
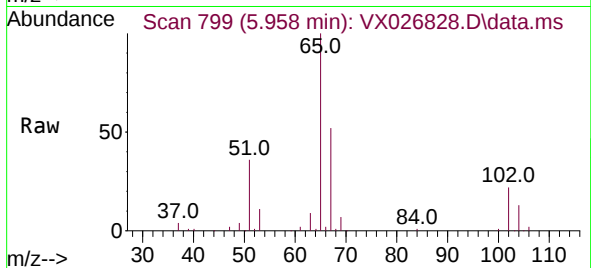
MW-21S

Tgt Ion: 65 Resp: 80049

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026828.D

Acq: 08 Feb 2022 17:33

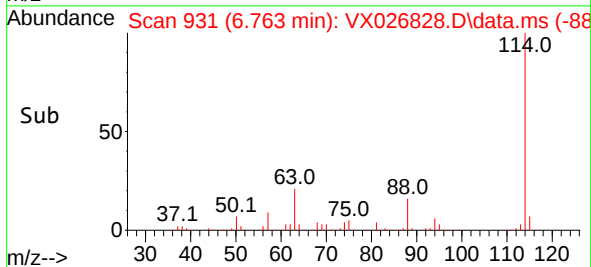
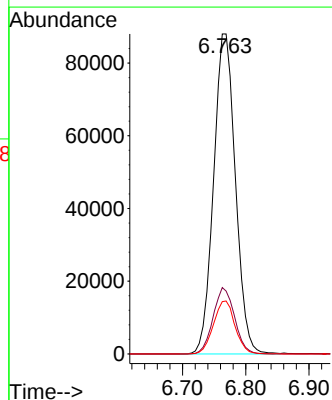
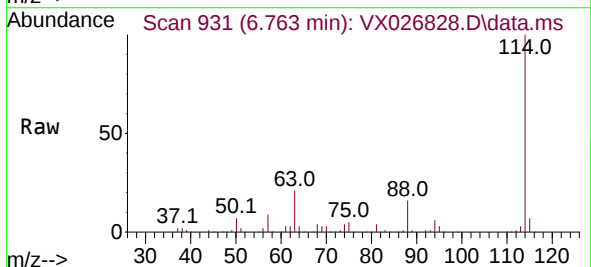
Tgt Ion: 114 Resp: 210543

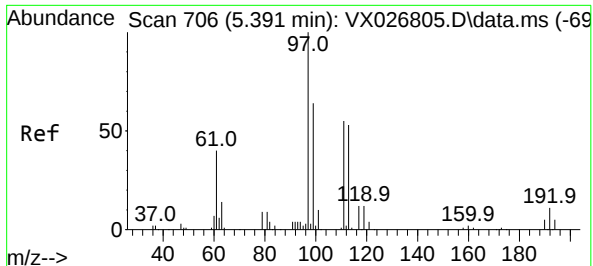
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.3 0.0 33.0

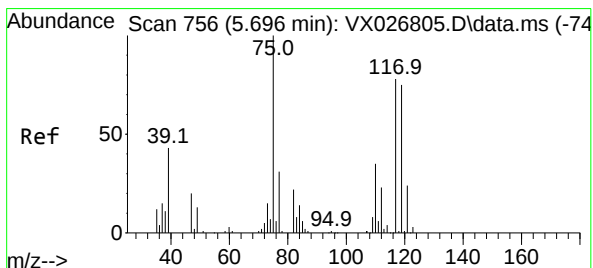
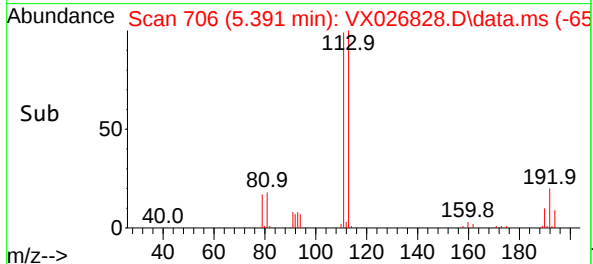
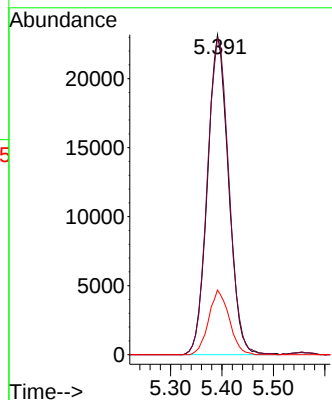
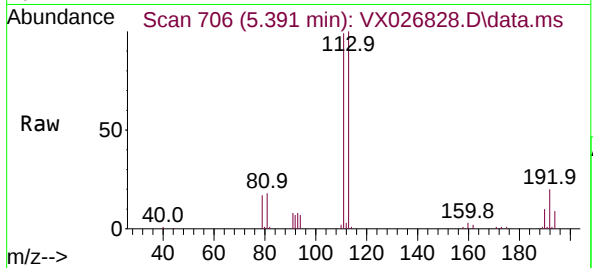




#35
Dibromofluoromethane
Concen: 52.548 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

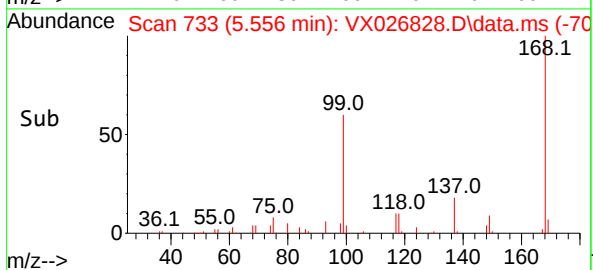
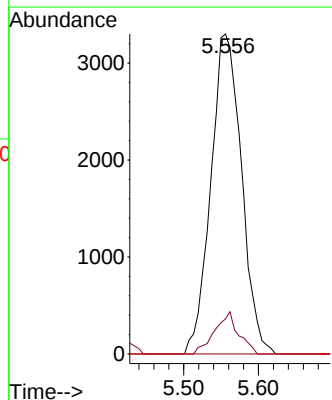
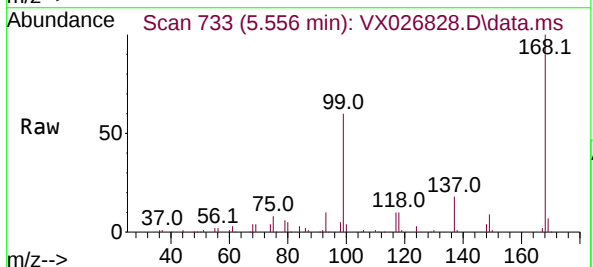
Instrument :
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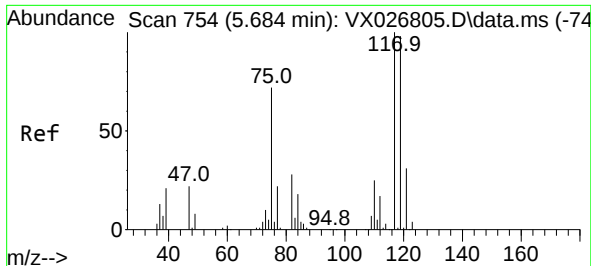
Tgt Ion:113 Resp: 65915
Ion Ratio Lower Upper
113 100
111 101.4 81.2 121.8
192 19.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.764 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

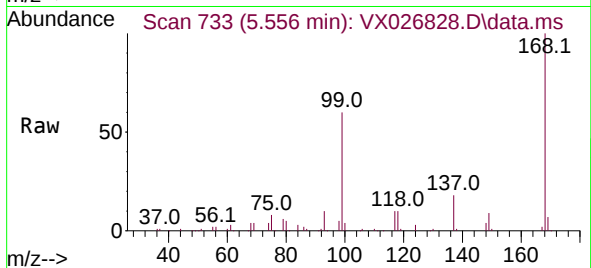
Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
110 10.2 17.2 51.6#
77 0.0 24.6 36.8#



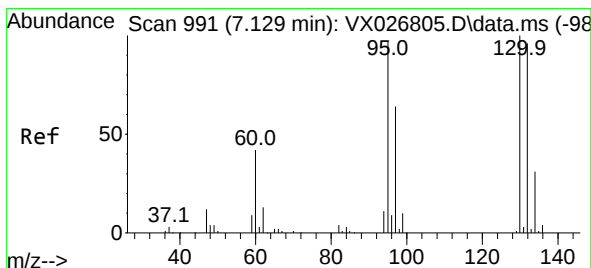
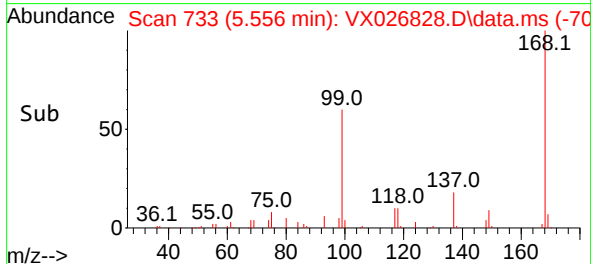
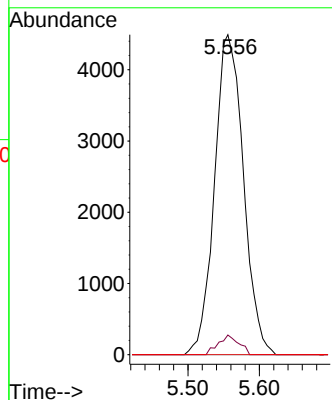


#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :
MW-21S

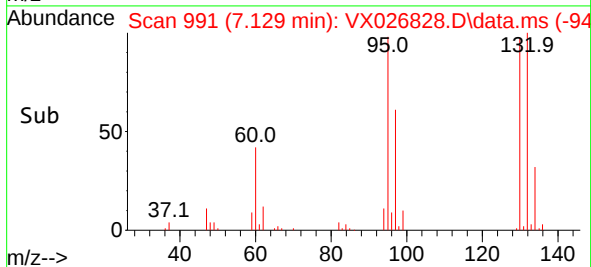
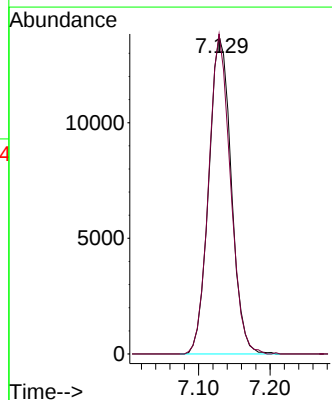
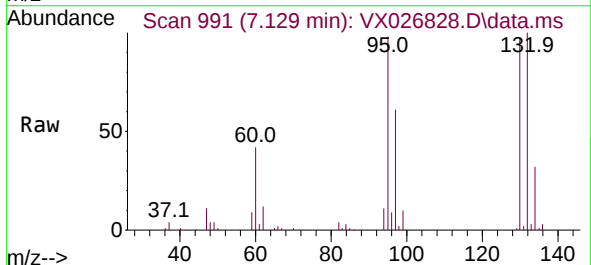


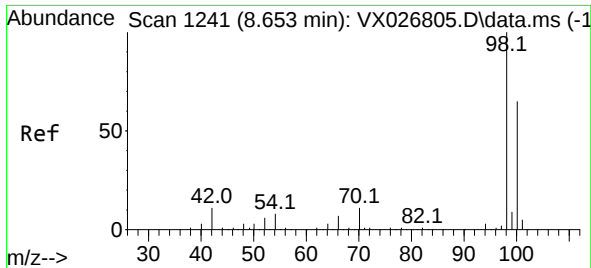
Tgt Ion:117 Resp: 12600
Ion Ratio Lower Upper
117 100
119 6.1 74.7 112.1#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 17.264 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion:130 Resp: 29895
Ion Ratio Lower Upper
130 100
95 100.7 0.0 202.6

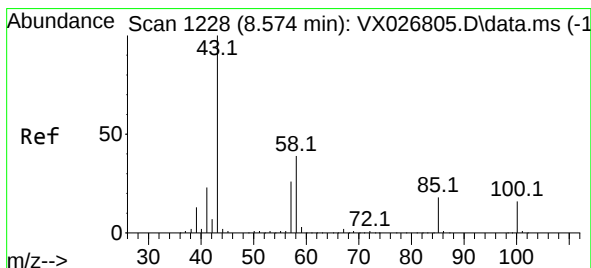
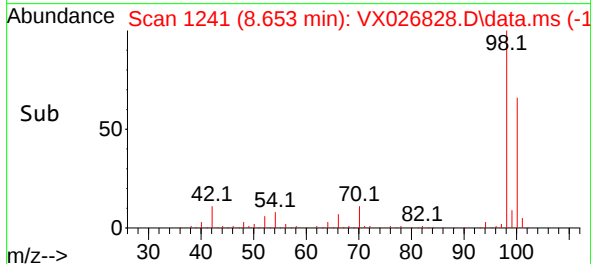
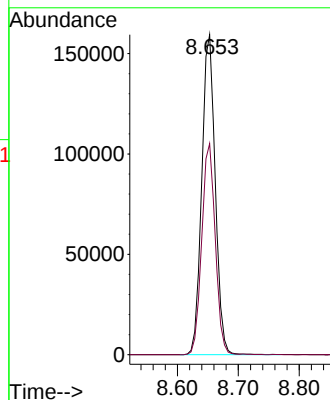
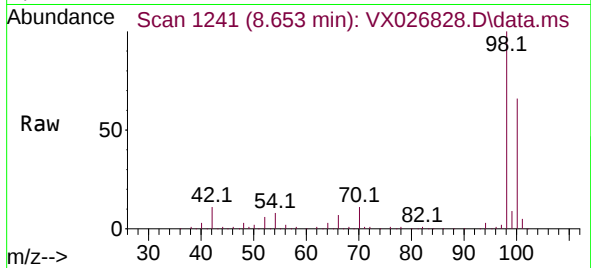




#50
Toluene-d8
Concen: 53.100 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

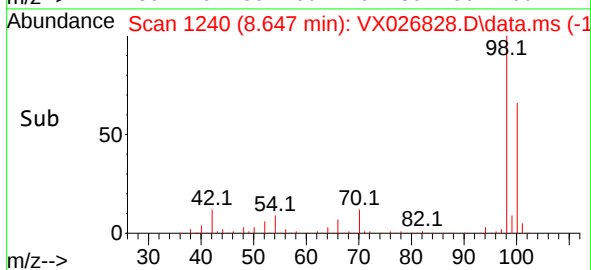
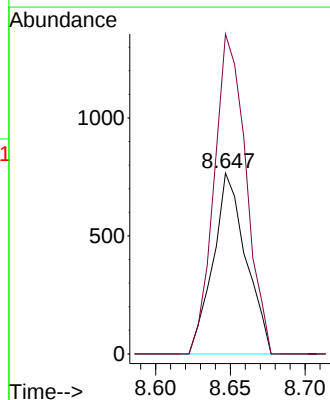
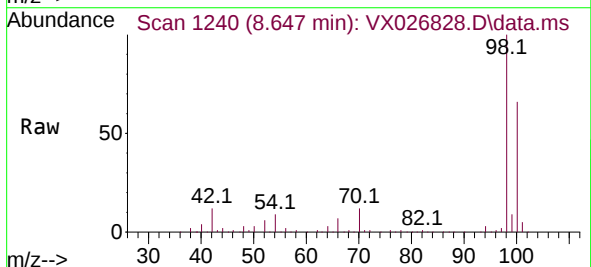
Instrument :
MSVOA_X
ClientSampleId :
MW-21S

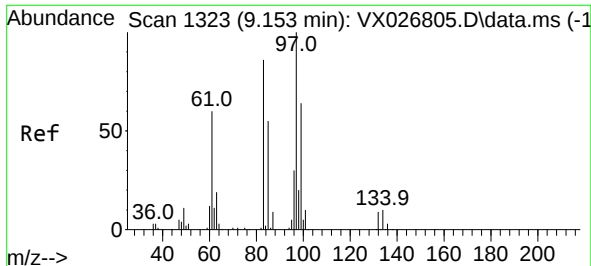
Tgt Ion: 98 Resp: 244496
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
58 172.0 30.5 45.7#





#55

1,1,2-Trichloroethane

Concen: 0.297 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX026828.D

Acq: 08 Feb 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-21S

Tgt Ion: 97 Resp: 410

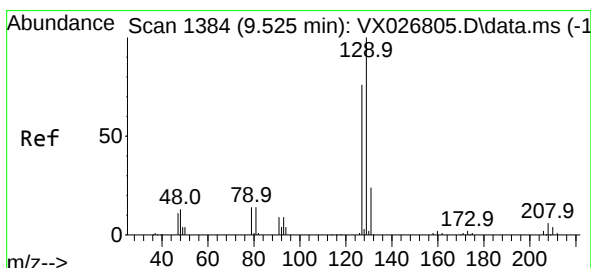
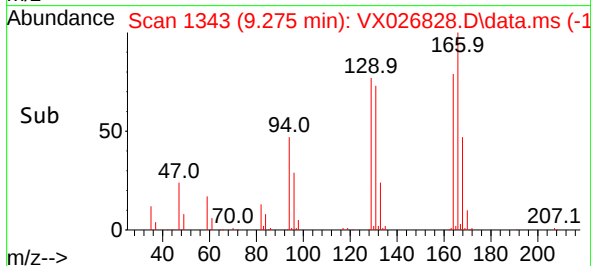
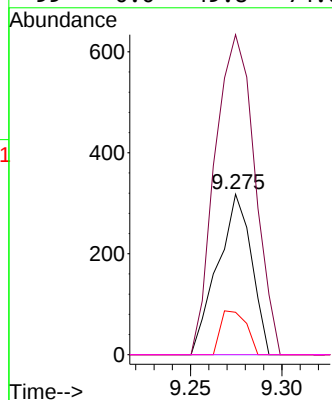
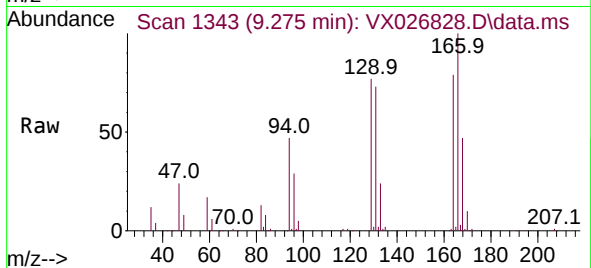
Ion Ratio Lower Upper

97 100

83 199.4 68.4 102.6#

85 26.4 44.0 66.0#

99 0.0 49.8 74.6#



#60

Dibromochloromethane

Concen: 31.819 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX026828.D

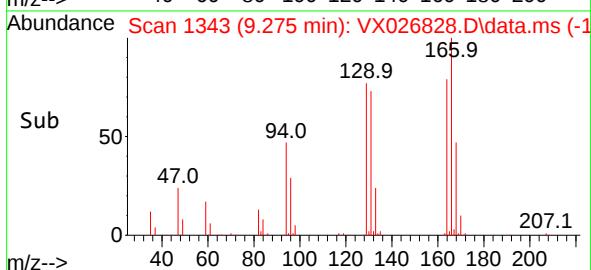
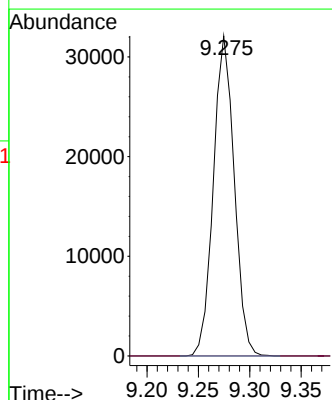
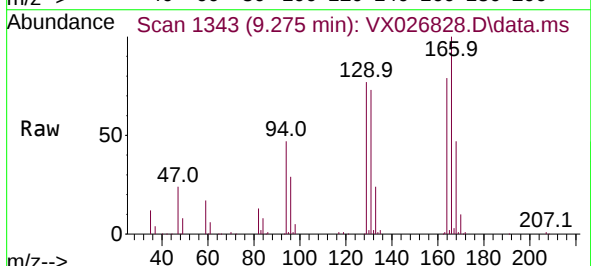
Acq: 08 Feb 2022 17:33

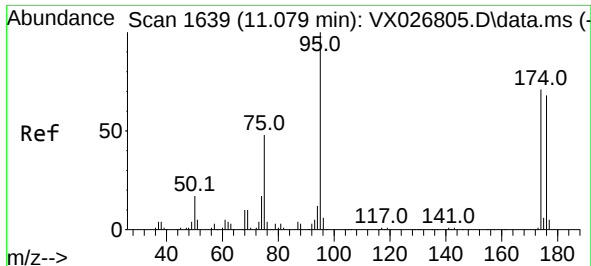
Tgt Ion: 129 Resp: 45257

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

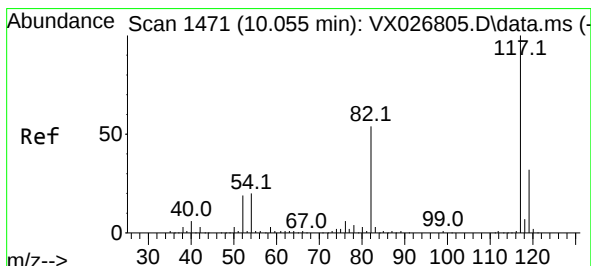
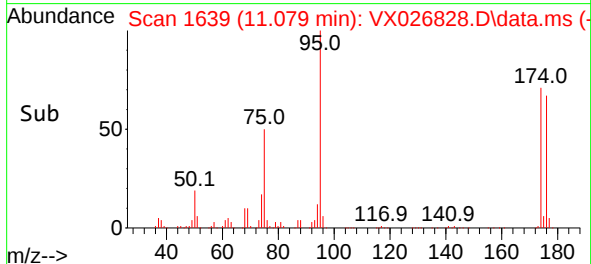
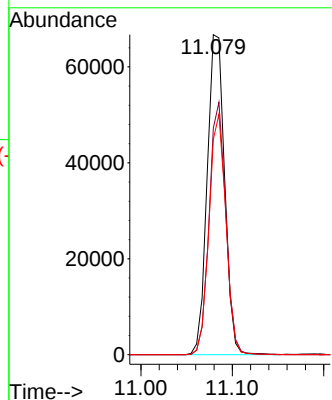
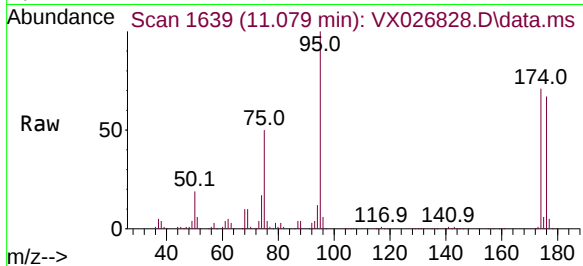




#62
4-Bromofluorobenzene
Concen: 54.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

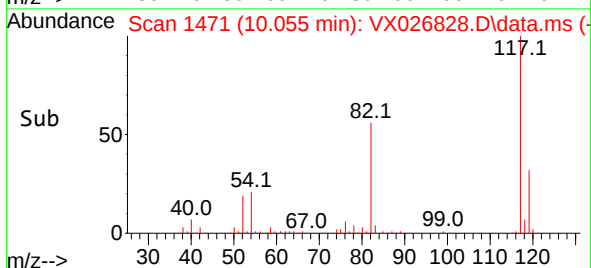
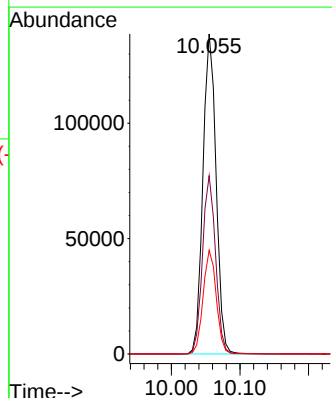
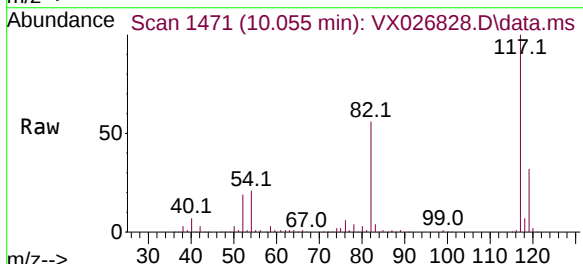
Instrument :
MSVOA_X
ClientSampleId :
MW-21S

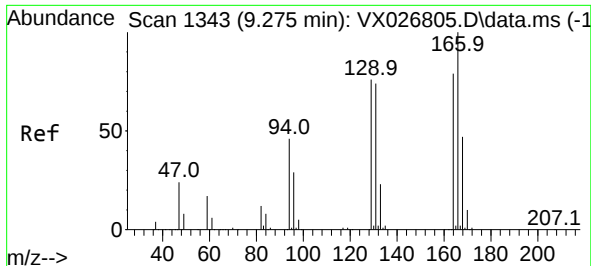
Tgt Ion: 95 Resp: 88222
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 117 Resp: 185895
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.4 26.2 39.2

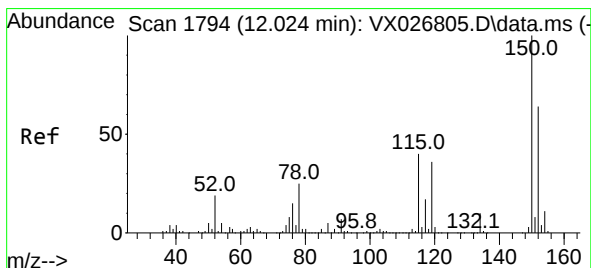
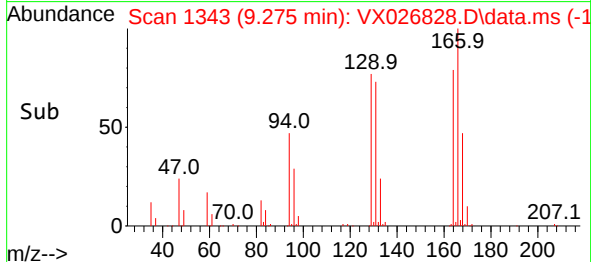
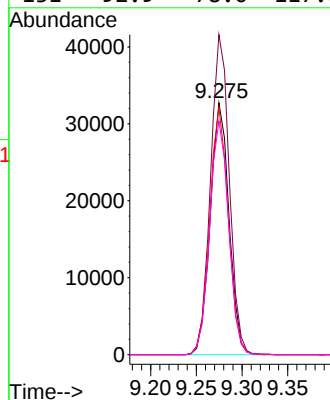
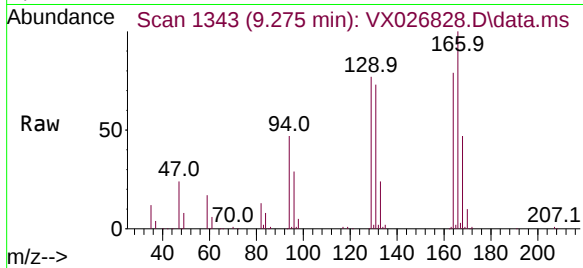




#64
Tetrachloroethene
Concen: 24.954 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

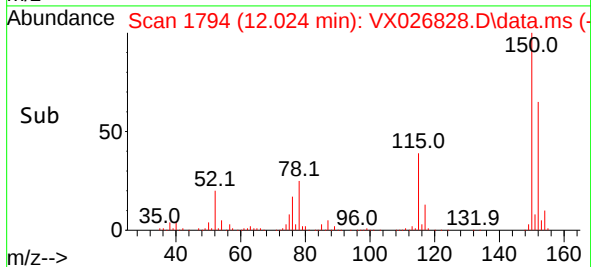
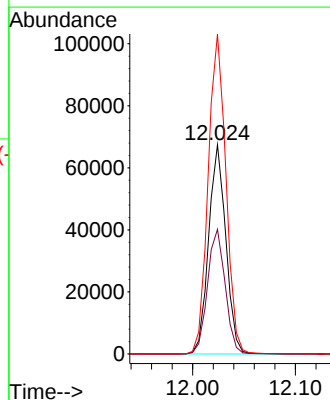
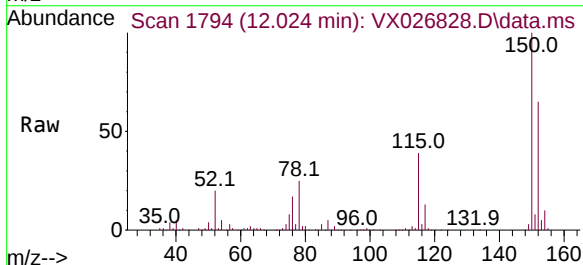
Instrument :
MSVOA_X
ClientSampleId :
MW-21S

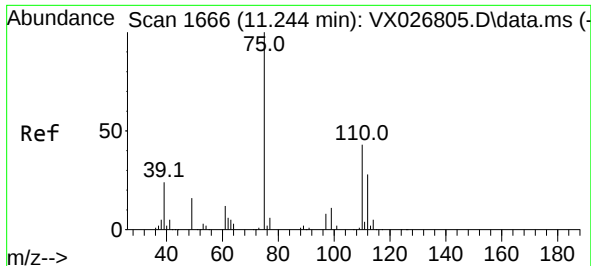
Tgt Ion:164 Resp: 46591
Ion Ratio Lower Upper
164 100
166 127.1 101.8 152.6
129 98.1 83.3 124.9
131 92.9 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion:152 Resp: 78556
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.7 0.0 348.2

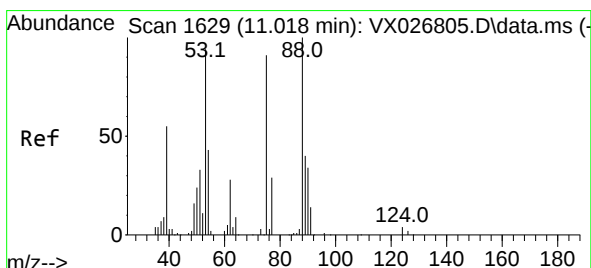
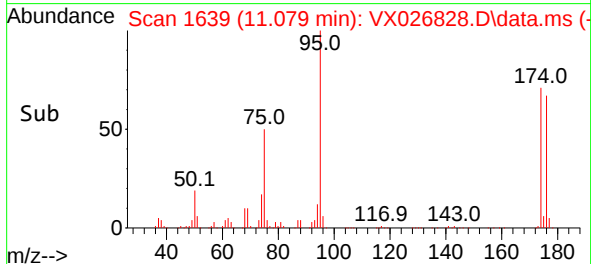
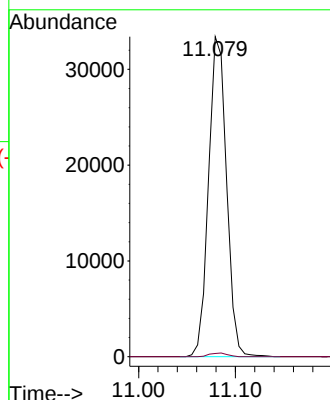
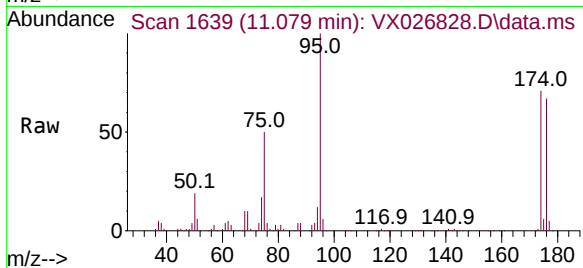




#76
1,2,3-Trichloropropane
Concen: 25.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :
MW-21S

Tgt Ion: 75 Resp: 43240
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026828.D
Acq: 08 Feb 2022 17:33

Tgt Ion: 75 Resp: 43240
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

