

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026946.D
 Acq On : 11 Feb 2022 02:22
 Operator : JC/MD
 Sample : N1467-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30S

Quant Time: Feb 11 04:08:18 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	5.556	168	120217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77188	53.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.980%
35) Dibromofluoromethane	5.391	113	62894	52.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.420%
50) Toluene-d8	8.653	98	234360	53.503	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.000%
62) 4-Bromofluorobenzene	11.079	95	90065	58.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.800%

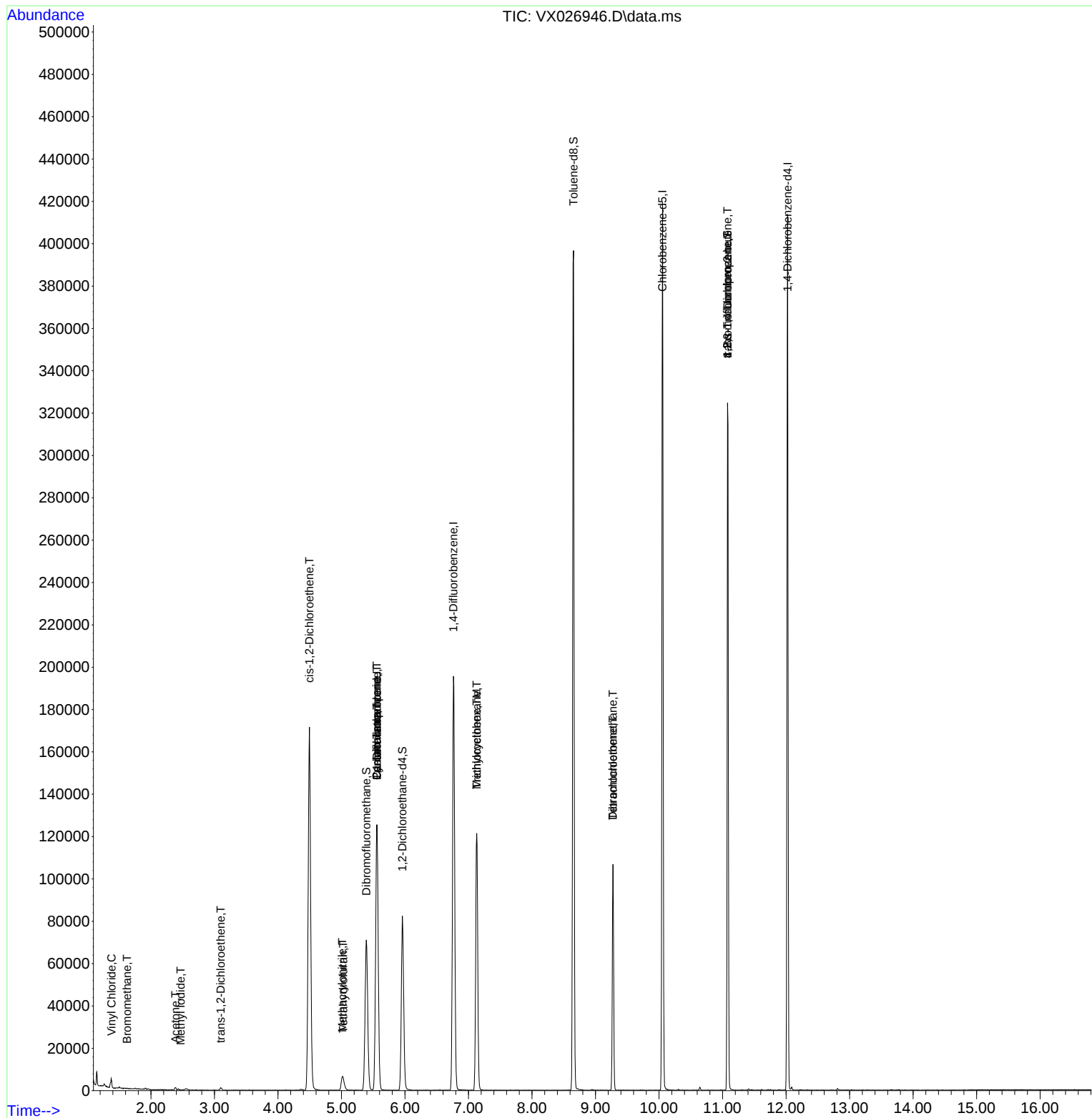
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	2039	1.602	ug/l	99
5) Bromomethane	1.624	94	155	0.287	ug/l	96
10) Methyl Iodide	2.465	142	193	2.362	ug/l #	61
16) Acetone	2.386	43	1447	2.283	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	582	0.450	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	107130	72.070	ug/l	88
29) Tetrahydrofuran	5.025	42	6766	9.746	ug/l	99
31) Cyclohexane	5.556	56	2388	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9052	4.808	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12213	6.187	ug/l #	18
39) Methylcyclohexane	7.129	83	580	0.251	ug/l #	1
41) Methacrylonitrile	5.013	41	3725	3.212	ug/l #	48
44) Trichloroethene	7.129	130	48965	29.723	ug/l	97
60) Dibromochloromethane	9.275	129	19007	14.047	ug/l #	11
64) Tetrachloroethene	9.275	164	19866	10.596	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	44556	24.946	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44556	76.100	ug/l #	3

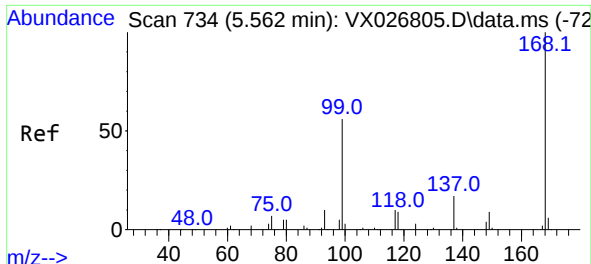
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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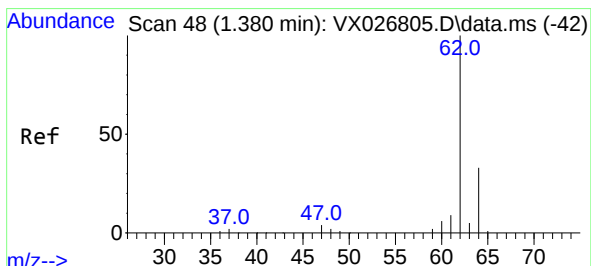
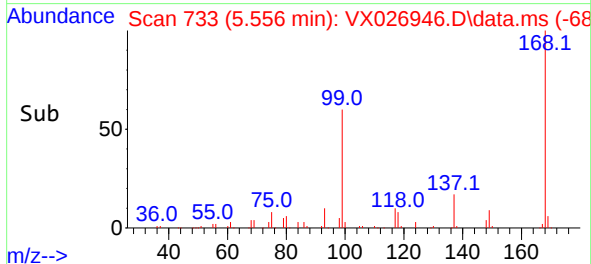
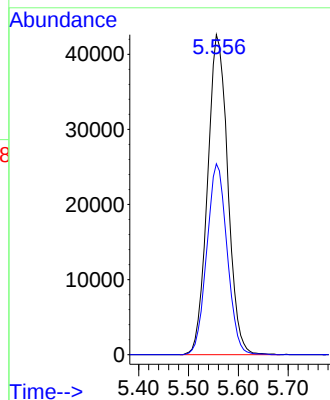
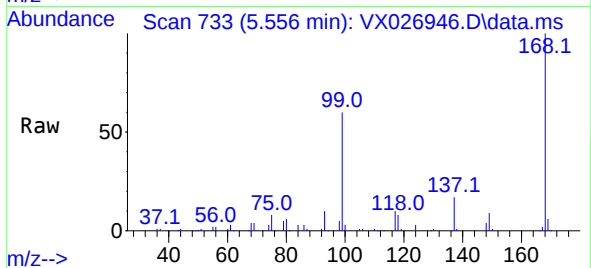




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

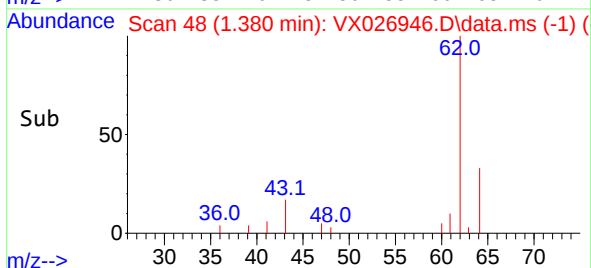
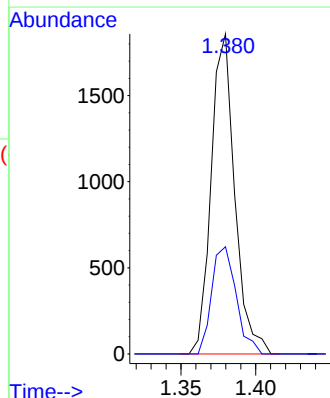
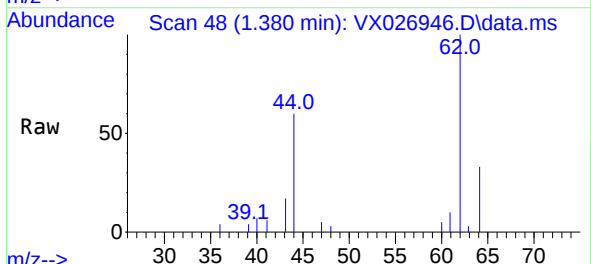
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

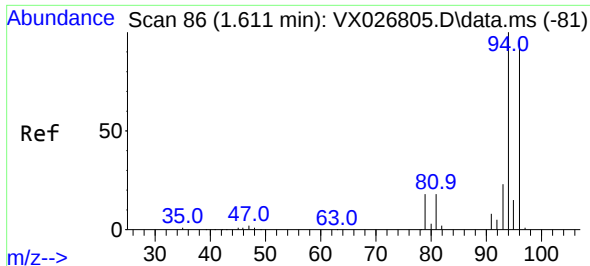
Tgt Ion:168 Resp: 120217
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#4
Vinyl Chloride
Concen: 1.602 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 62 Resp: 2039
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2

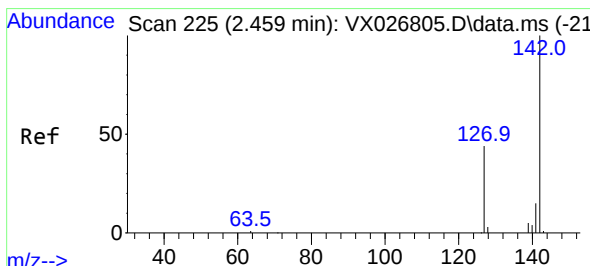
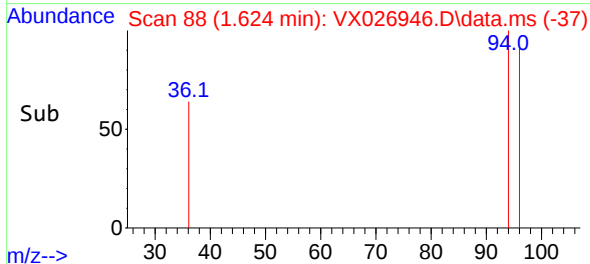
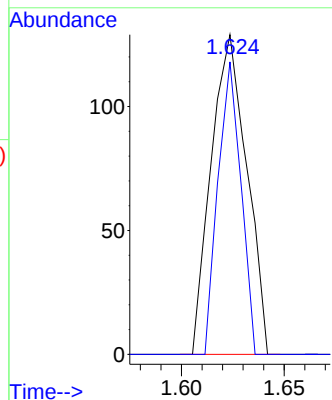
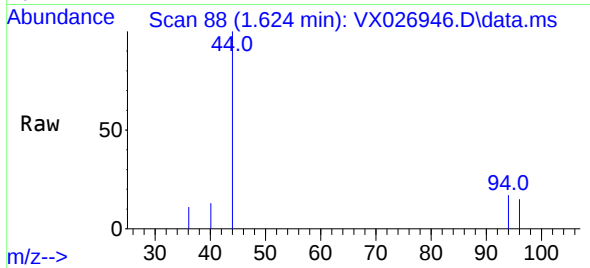




#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

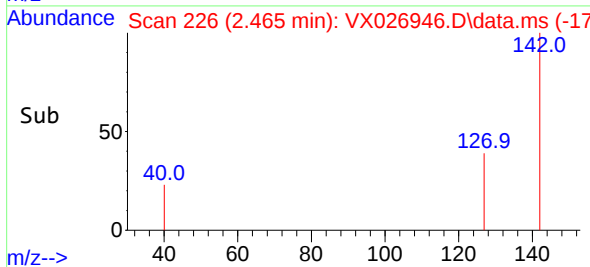
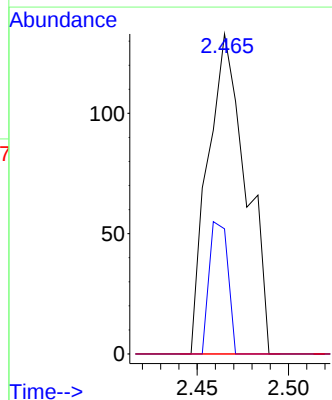
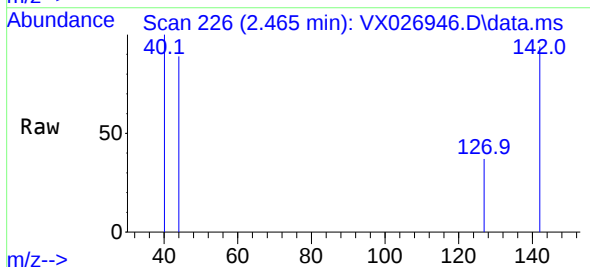
Instrument :
MSVOA_X
Client SampleId :
MW-30S

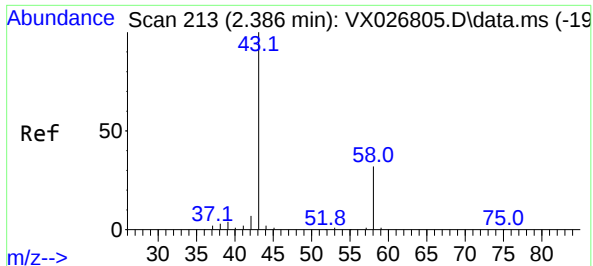
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 91.5 75.9 113.9



#10
Methyl Iodide
Concen: 2.362 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 142 Resp: 193
Ion Ratio Lower Upper
142 100
127 20.2 38.1 57.1#
141 0.0 11.2 16.8#

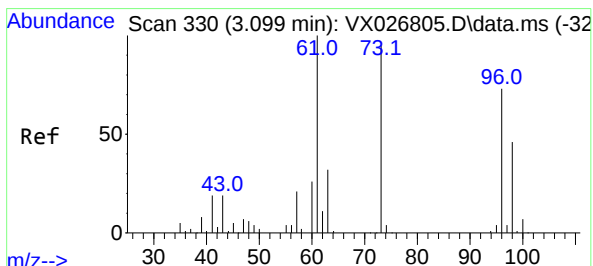
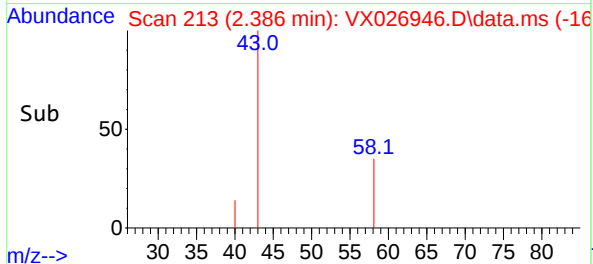
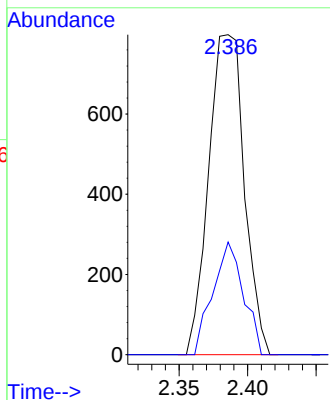
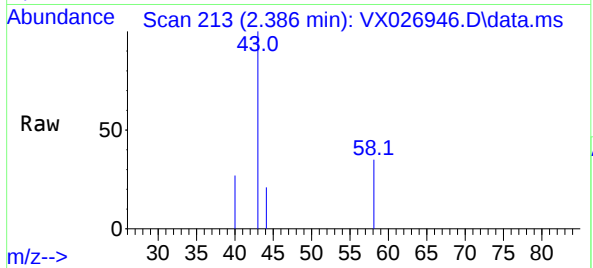




#16
Acetone
Concen: 2.283 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

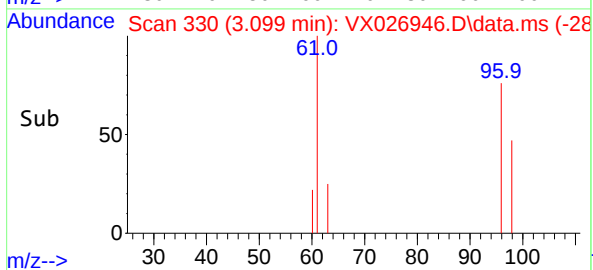
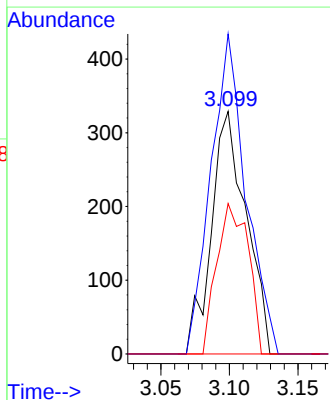
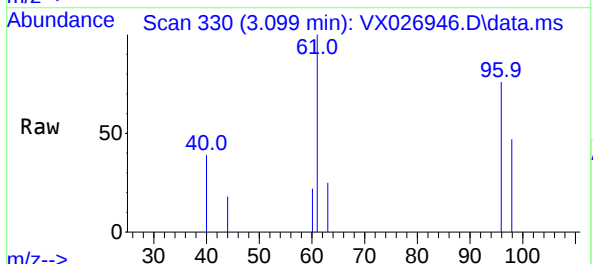
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

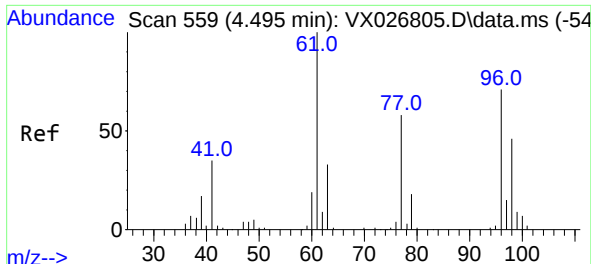
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
58 35.2 23.0 34.6#



#21
trans-1,2-Dichloroethene
Concen: 0.450 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 96 Resp: 582
Ion Ratio Lower Upper
96 100
61 131.9 112.9 169.3
98 62.0 49.5 74.3

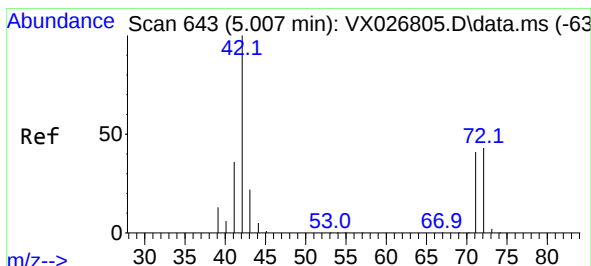
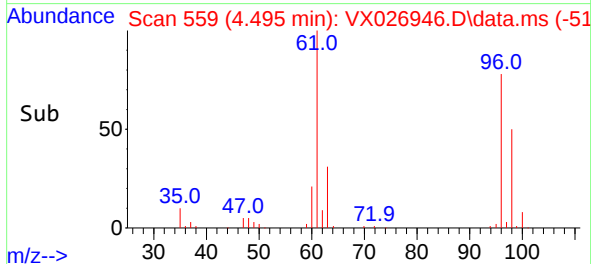
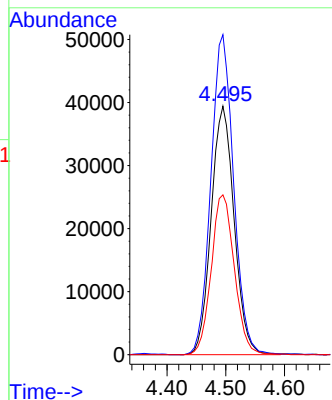
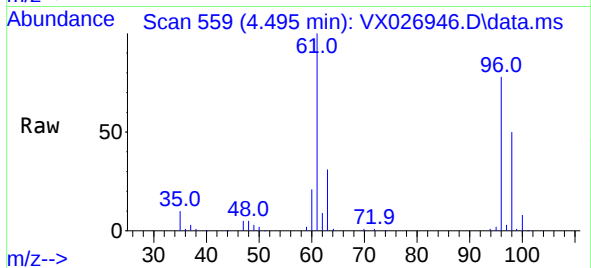




#27
cis-1,2-Dichloroethene
Concen: 72.070 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

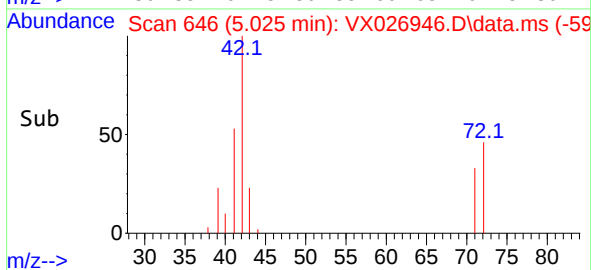
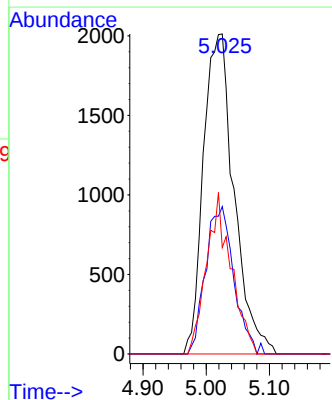
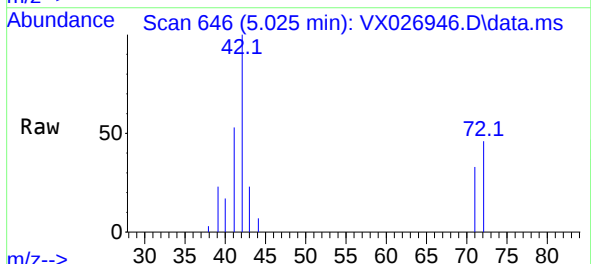
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

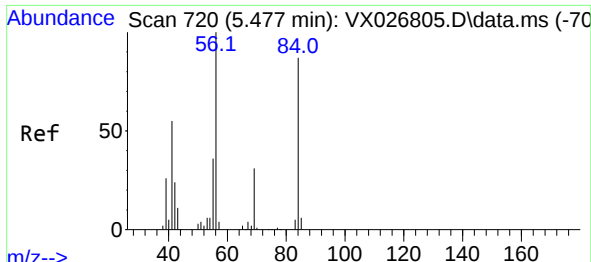
Tgt Ion: 96 Resp: 107130
Ion Ratio Lower Upper
96 100
61 127.6 0.0 296.6
98 64.8 0.0 128.8



#29
Tetrahydrofuran
Concen: 9.746 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

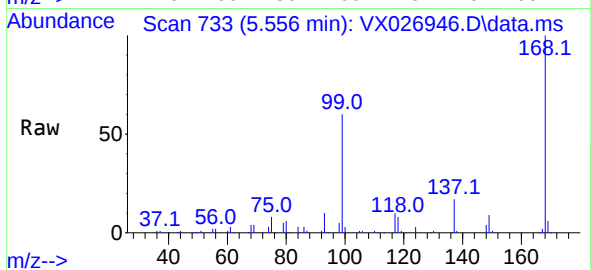
Tgt Ion: 42 Resp: 6766
Ion Ratio Lower Upper
42 100
72 42.6 34.6 52.0
71 40.5 31.8 47.8



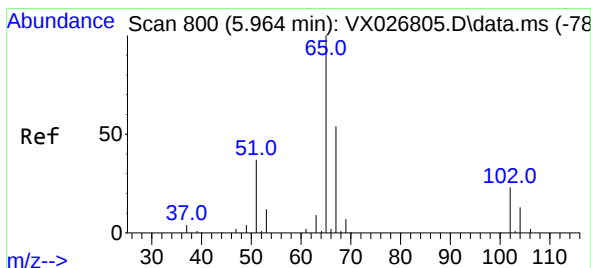
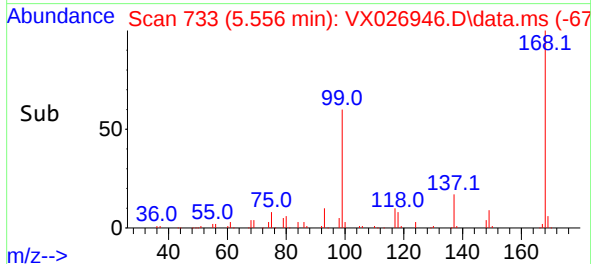
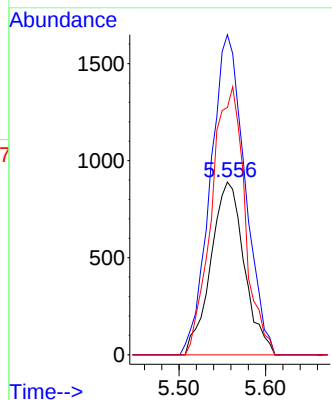


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Instrument :
MSVOA_X
ClientSampleId :
MW-30S

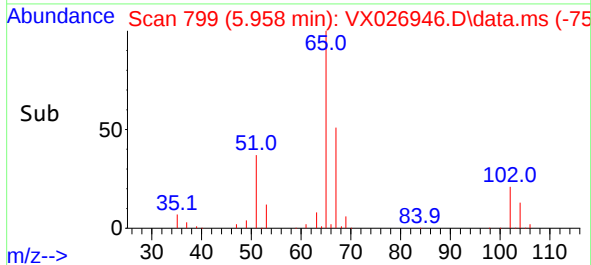
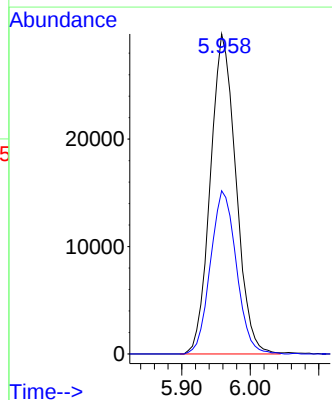
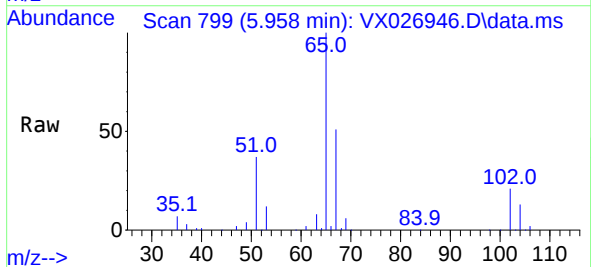


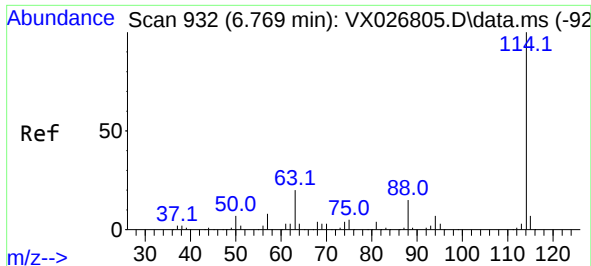
Tgt Ion: 56 Resp: 2388
Ion Ratio Lower Upper
56 100
69 185.3 25.8 38.6#
84 143.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.488 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 65 Resp: 77188
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

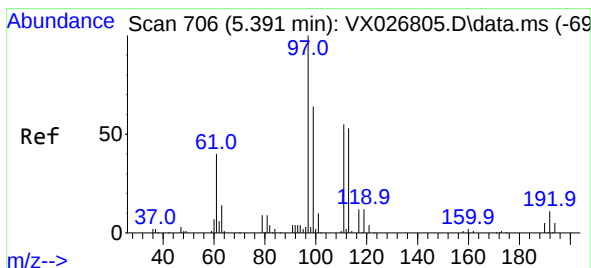
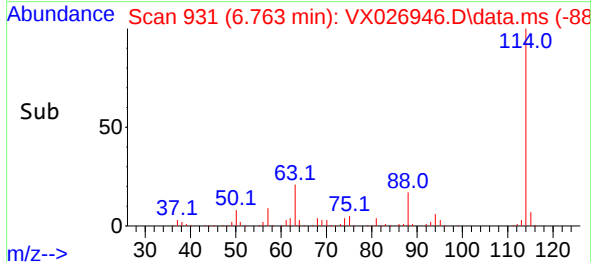
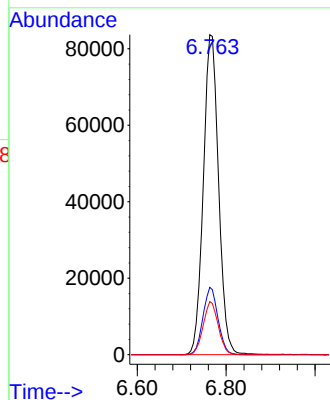
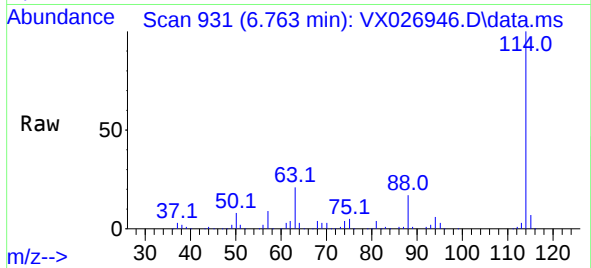




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

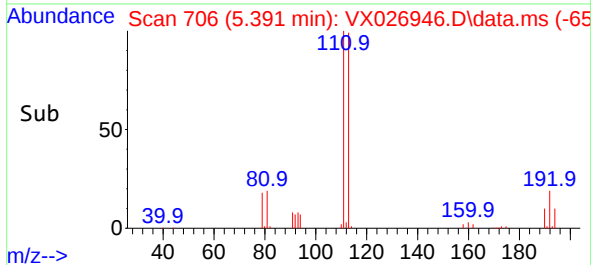
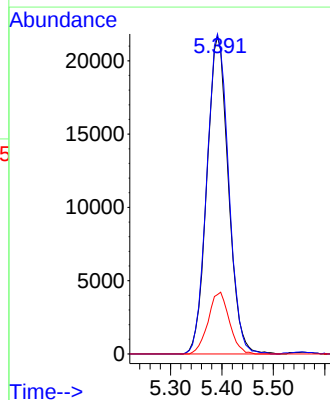
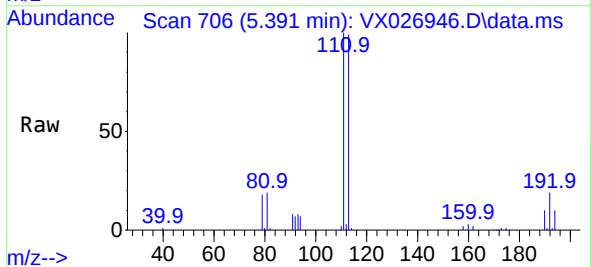
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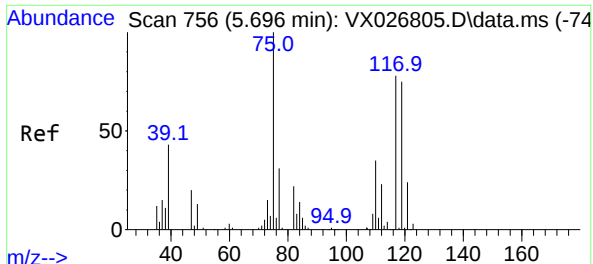
Tgt Ion:114 Resp: 200295
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.705 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion:113 Resp: 62894
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.1 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026946.D

Acq: 11 Feb 2022 02:22

Instrument :

MSVOA_X

ClientSampleId :

MW-30S

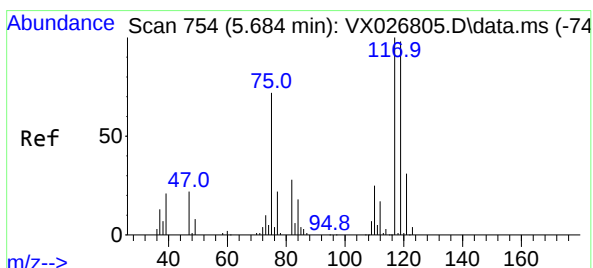
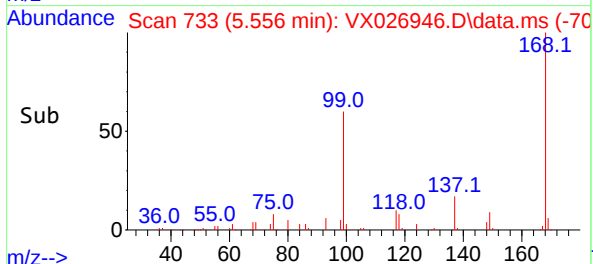
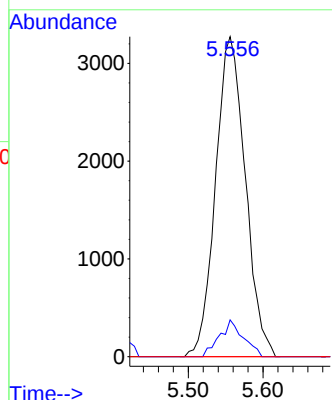
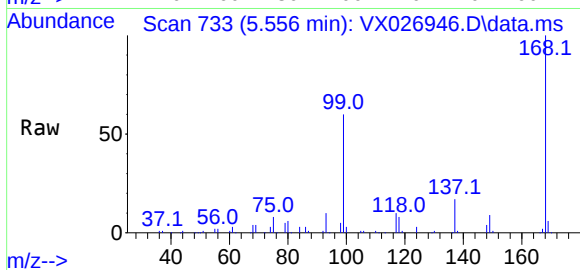
Tgt Ion: 75 Resp: 9052

Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026946.D

Acq: 11 Feb 2022 02:22

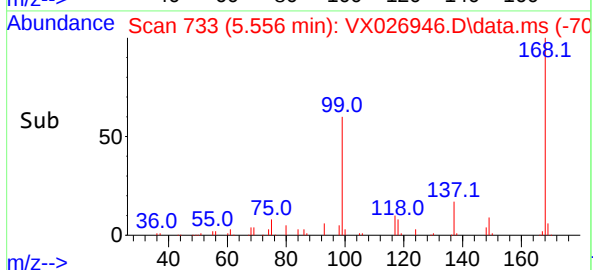
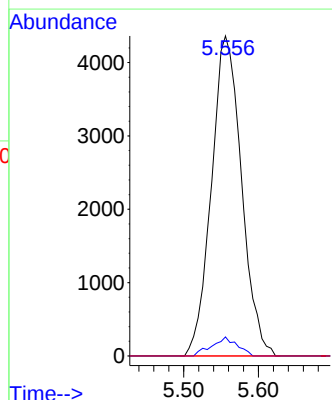
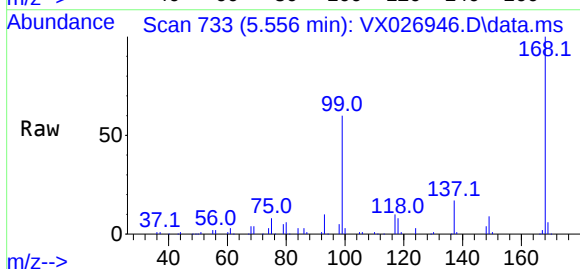
Tgt Ion: 117 Resp: 12213

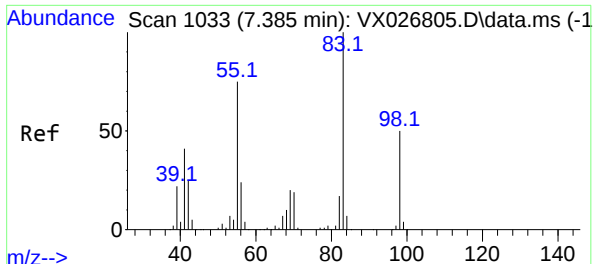
Ion Ratio Lower Upper

117 100

119 6.0 74.7 112.1#

121 0.0 25.4 38.0#





#39

Methylcyclohexane

Concen: 0.251 ug/l

RT: 7.129 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX026946.D

Acq: 11 Feb 2022 02:22

Instrument :

MSVOA_X

ClientSampleId :

MW-30S

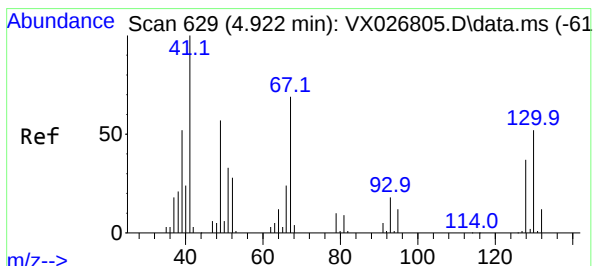
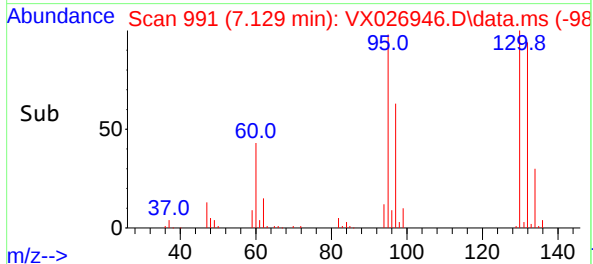
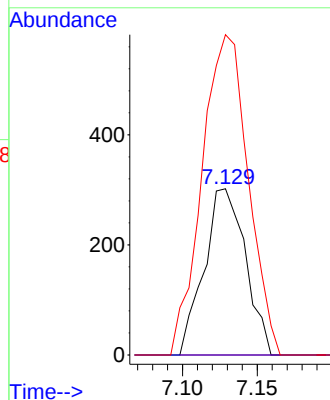
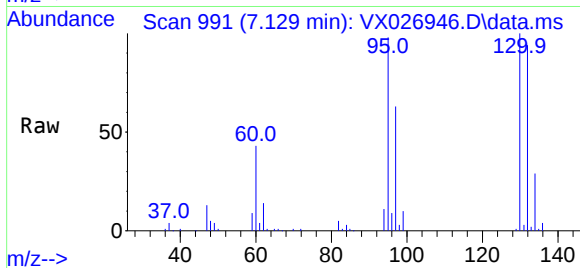
Tgt Ion: 83 Resp: 580

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

98 192.7 38.4 57.6#



#41

Methacrylonitrile

Concen: 3.212 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.092 min

Lab File: VX026946.D

Acq: 11 Feb 2022 02:22

Tgt Ion: 41 Resp: 3725

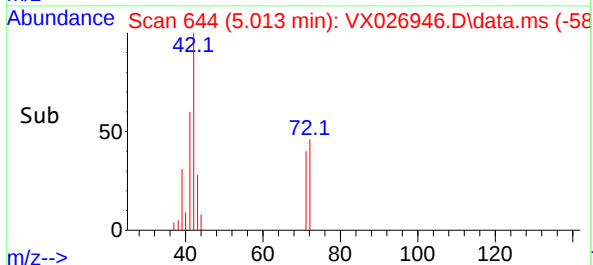
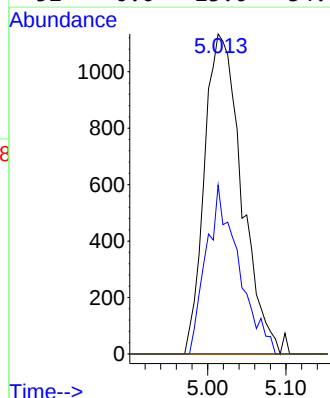
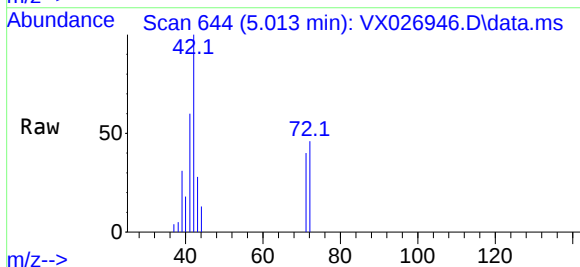
Ion Ratio Lower Upper

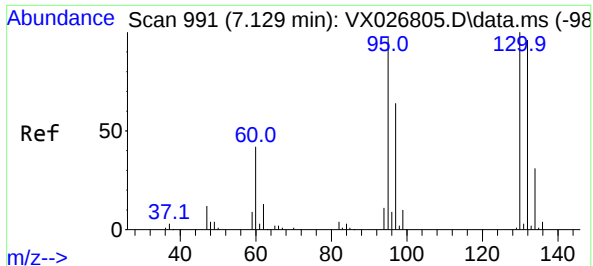
41 100

39 46.2 45.4 68.0

67 0.0 53.2 79.8#

52 0.0 23.0 34.6#

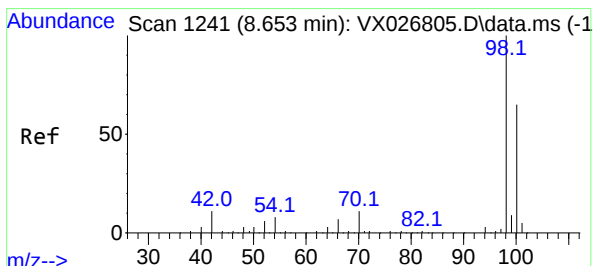
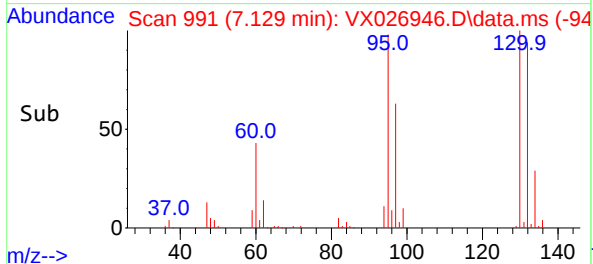
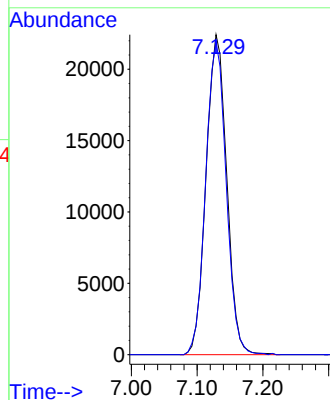
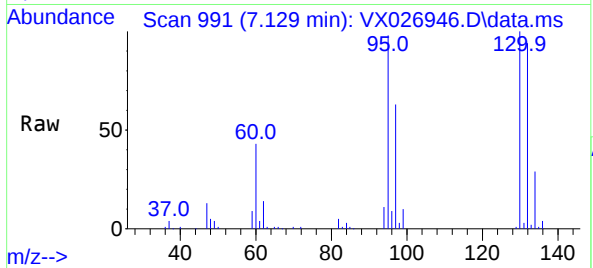




#44
Trichloroethene
Concen: 29.723 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

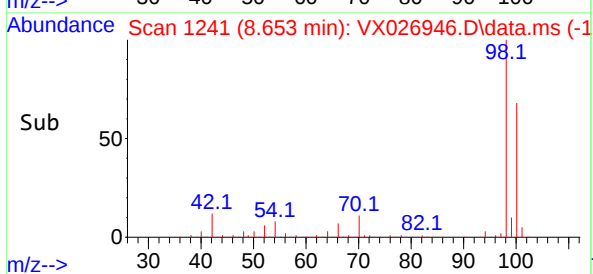
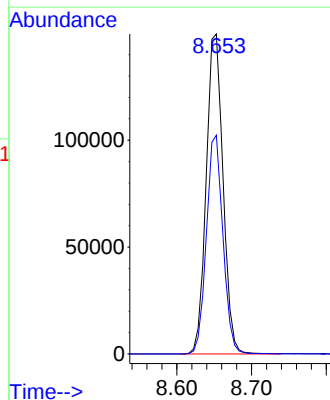
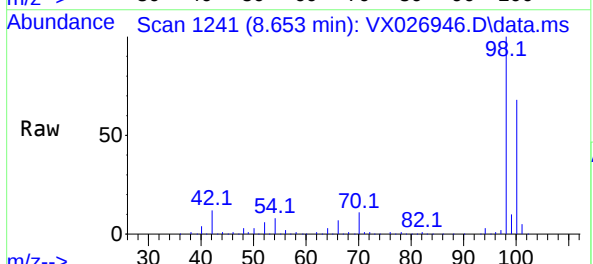
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

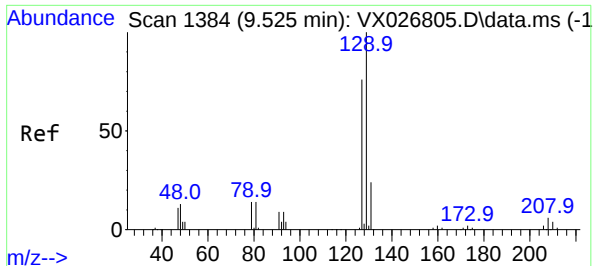
Tgt Ion:130 Resp: 48965
Ion Ratio Lower Upper
130 100
95 97.9 0.0 202.6



#50
Toluene-d8
Concen: 53.503 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 98 Resp: 234360
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8

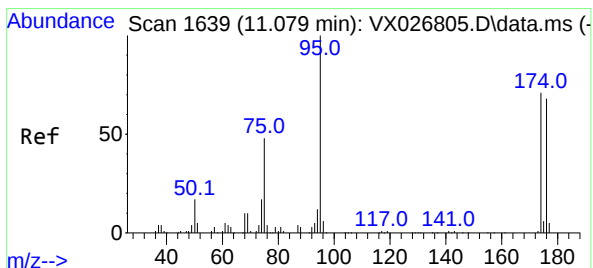
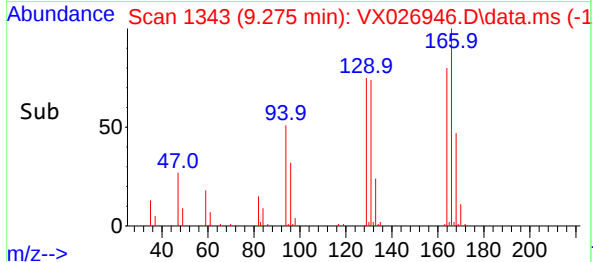
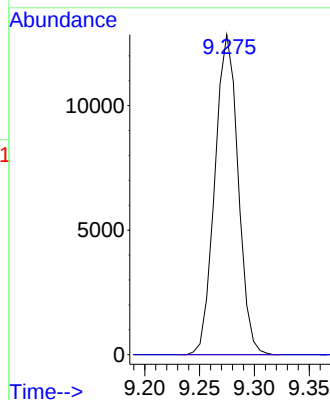
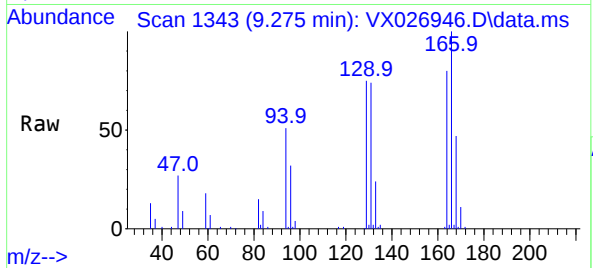




#60
Dibromochloromethane
Concen: 14.047 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

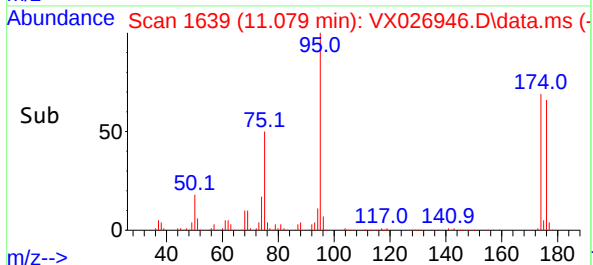
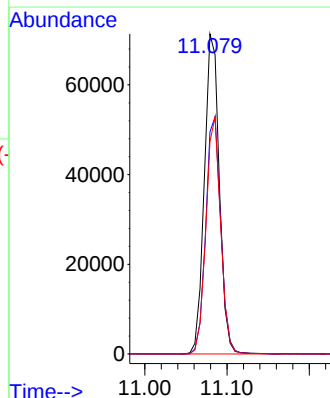
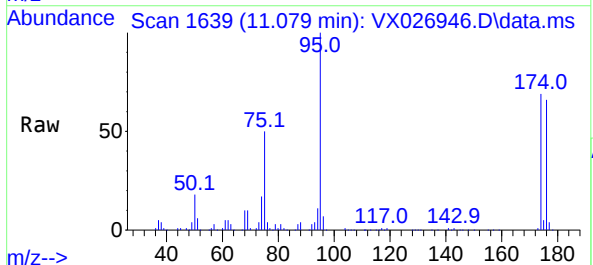
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

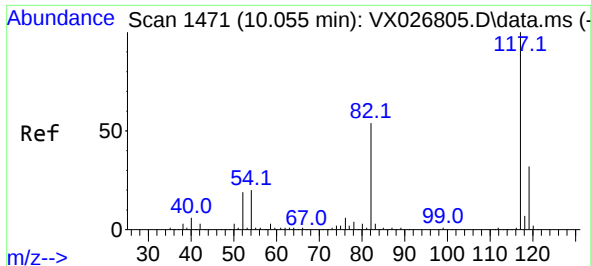
Tgt Ion:129 Resp: 19007
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 58.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 95 Resp: 90065
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.6
176 72.6 0.0 141.4

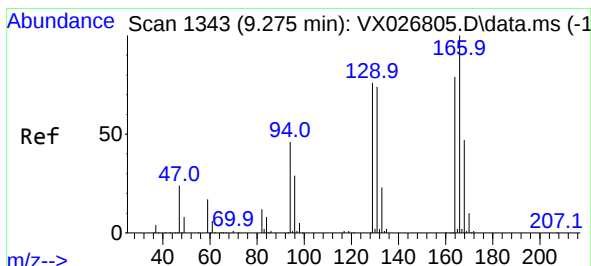
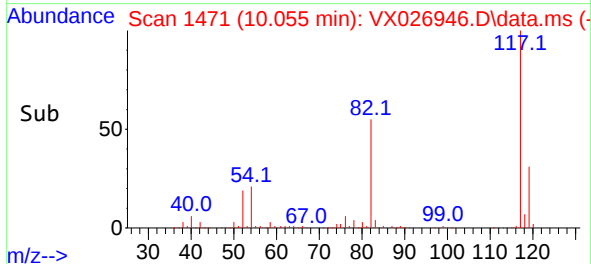
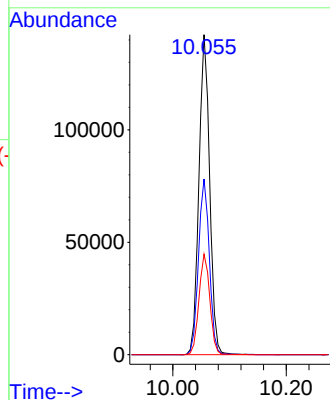
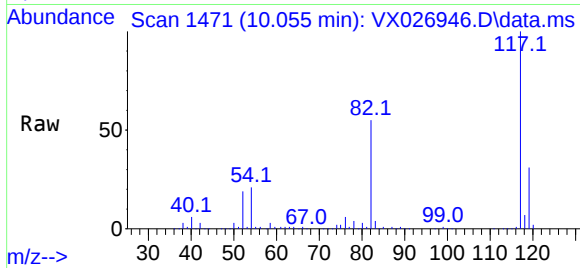




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

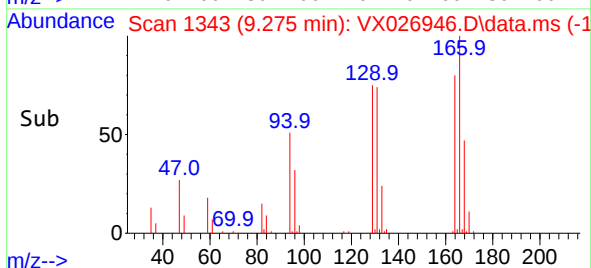
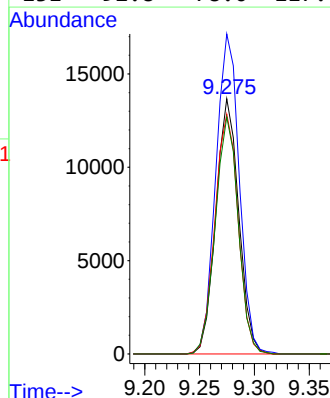
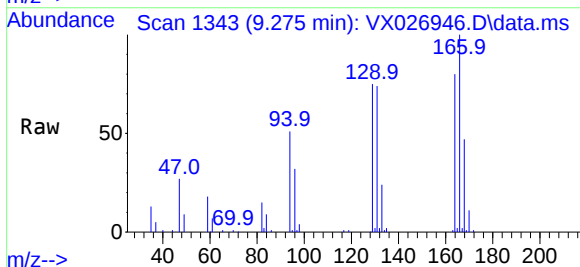
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

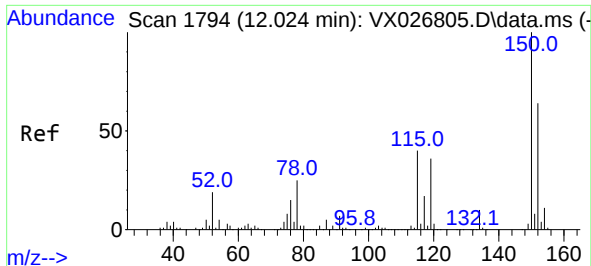
Tgt Ion:117 Resp: 186665
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 10.596 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion:164 Resp: 19866
Ion Ratio Lower Upper
164 100
166 125.4 101.8 152.6
129 94.0 83.3 124.9
131 92.8 78.0 117.0

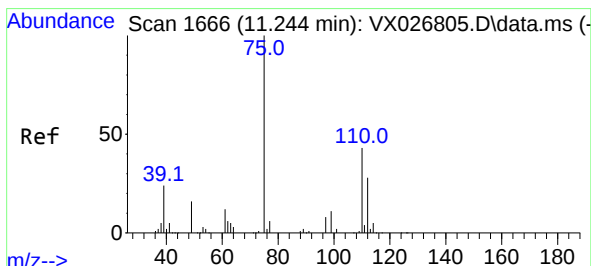
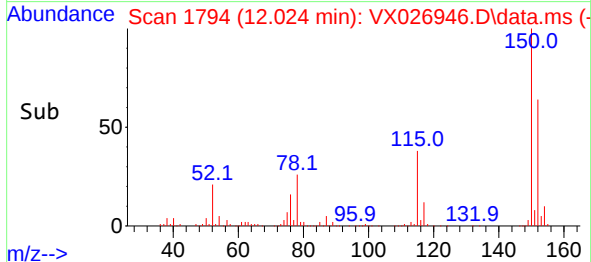
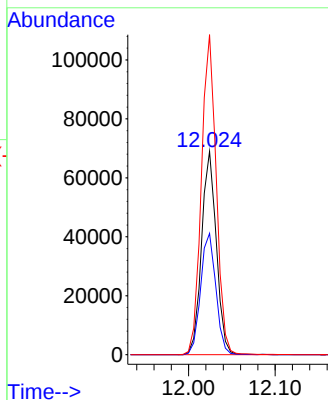
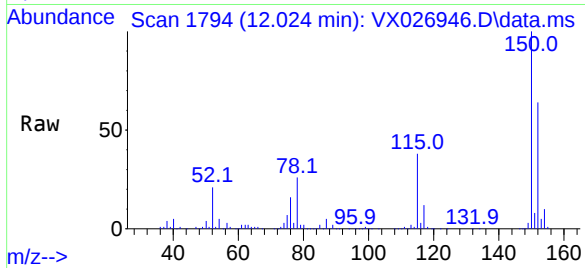




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

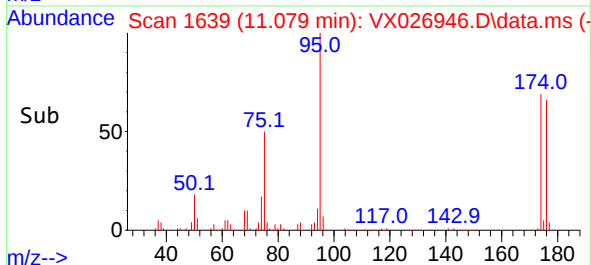
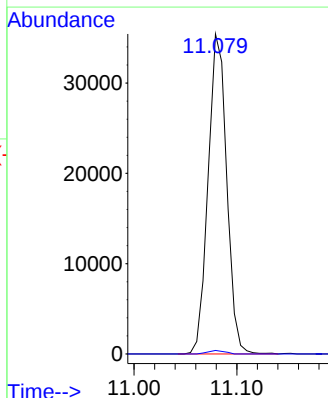
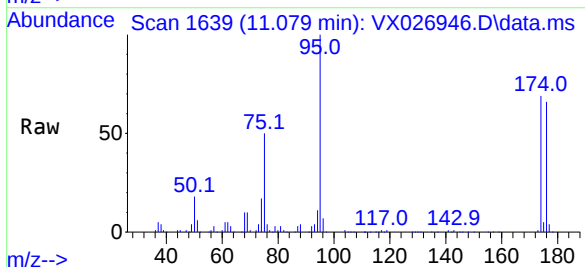
Instrument :
MSVOA_X
ClientSampleId :
MW-30S

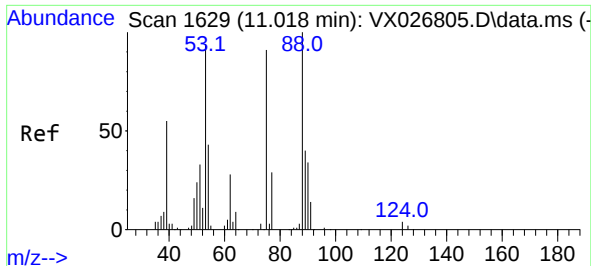
Tgt Ion:152 Resp: 81591
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 158.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Tgt Ion: 75 Resp: 44556
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.100 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026946.D
Acq: 11 Feb 2022 02:22

Instrument :
MSVOA_X
ClientSampleId :
MW-30S

Tgt Ion: 75 Resp: 44556
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

