

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026965.D
 Acq On : 11 Feb 2022 14:32
 Operator : JC/MD
 Sample : N1467-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DDL

Quant Time: Feb 12 04:29:10 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)

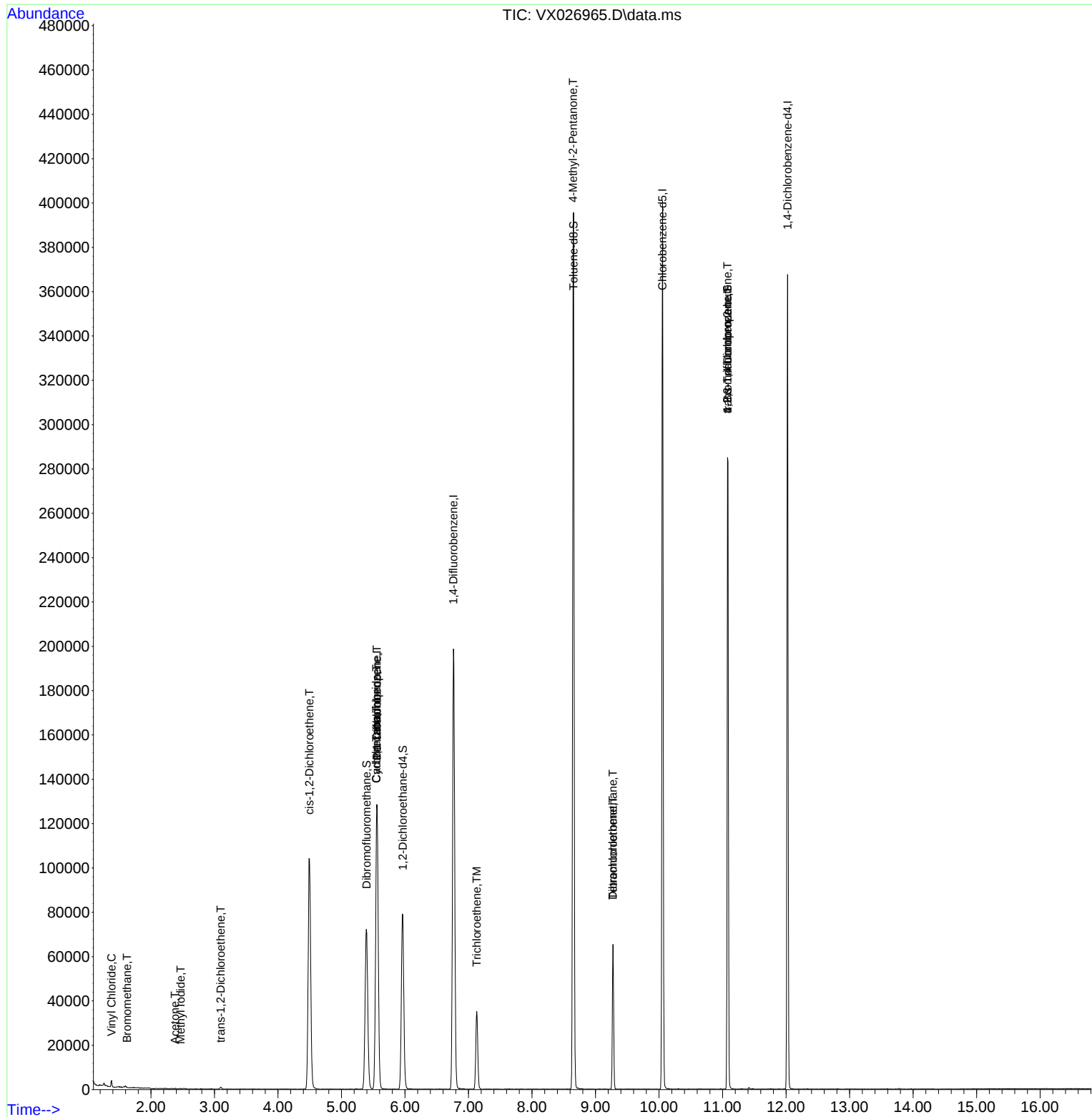
Internal Standards						
1) Pentafluorobenzene	5.556	168	122261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78654	53.593	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.180%		
35) Dibromofluoromethane	5.397	113	64355	52.853	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.700%		
50) Toluene-d8	8.653	98	233716	52.291	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.580%		
62) 4-Bromofluorobenzene	11.079	95	81517	51.804	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.600%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	1845	1.425	ug/l	100
5) Bromomethane	1.624	94	181	0.329	ug/l #	62
10) Methyl Iodide	2.465	142	300	2.419	ug/l #	68
16) Acetone	2.380	43	335	0.520	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	416	0.316	ug/l	84
27) cis-1,2-Dichloroethene	4.495	96	66833	44.209	ug/l	89
31) Cyclohexane	5.550	56	2458	1.054	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	9169	4.773	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12677	6.293	ug/l #	17
44) Trichloroethene	7.129	130	13735	8.171	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1056	0.519	ug/l #	1
60) Dibromochloromethane	9.275	129	11403	8.259	ug/l #	11
64) Tetrachloroethene	9.275	164	11962	6.702	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	40778	25.090	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40778	76.518	ug/l #	3

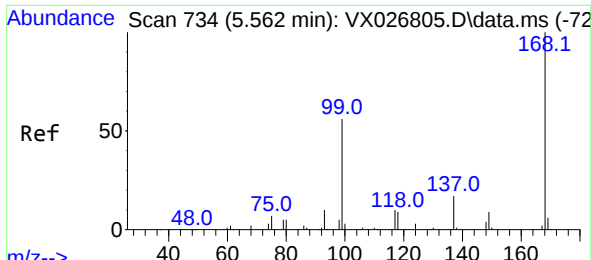
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX026965.D

Acq: 11 Feb 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

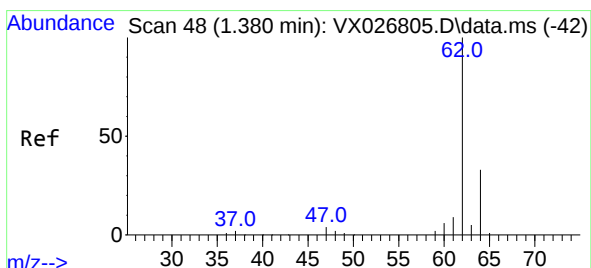
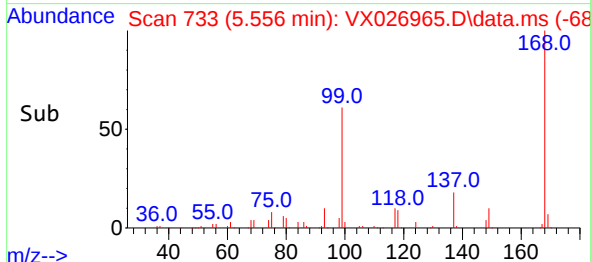
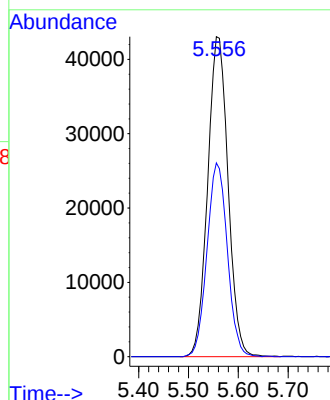
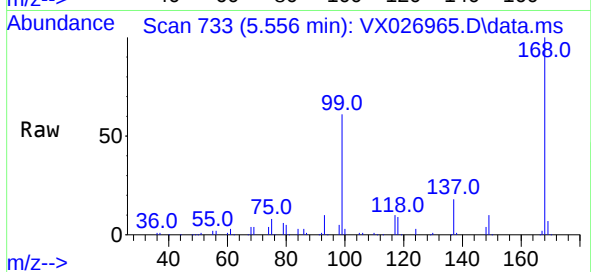
MW-1DDL

Tgt Ion:168 Resp: 122261

Ion Ratio Lower Upper

168 100

99 60.5 50.3 75.5



#4

Vinyl Chloride

Concen: 1.425 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX026965.D

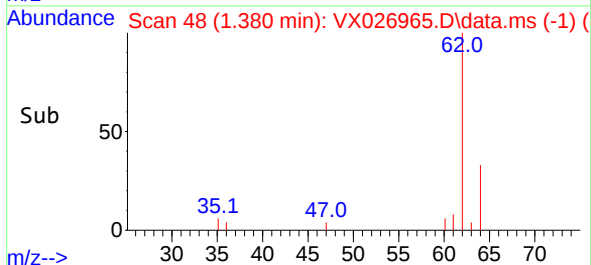
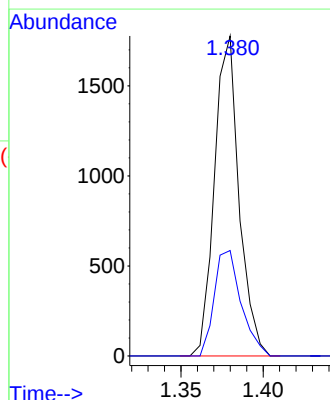
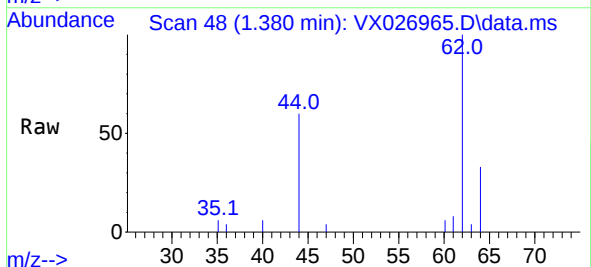
Acq: 11 Feb 2022 14:32

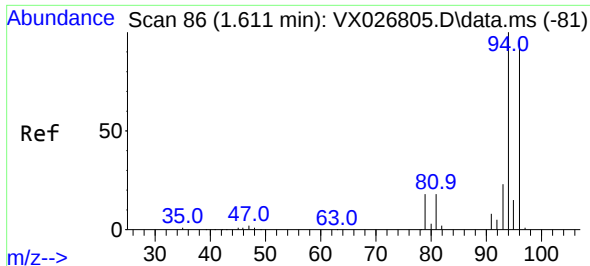
Tgt Ion: 62 Resp: 1845

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2

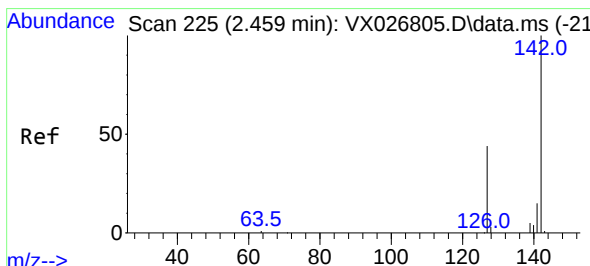
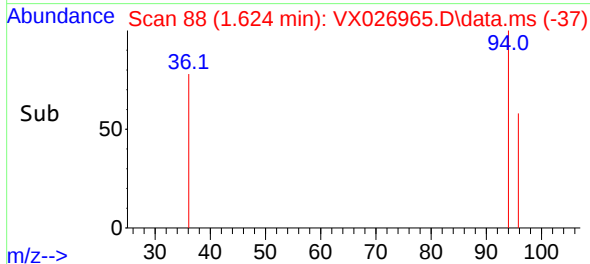
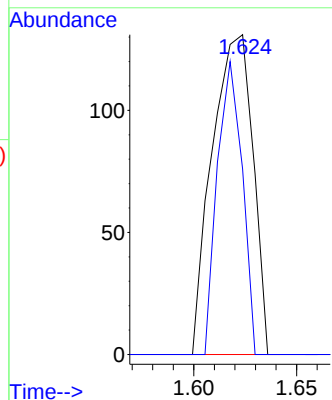
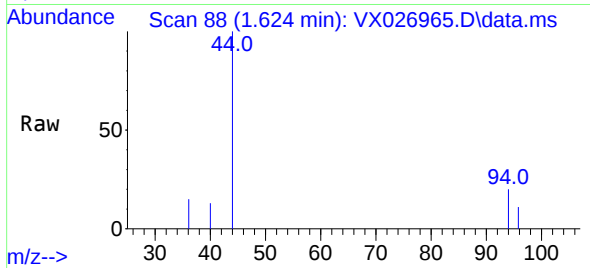




#5
Bromomethane
Concen: 0.329 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

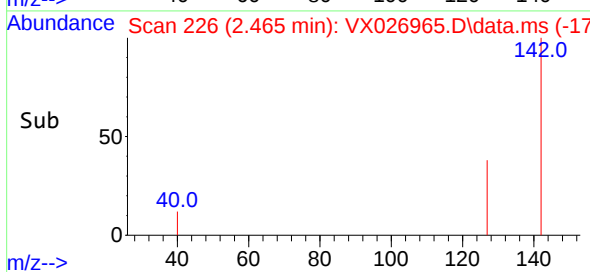
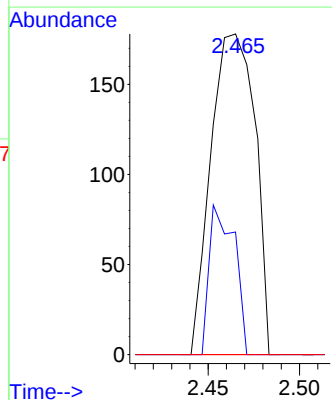
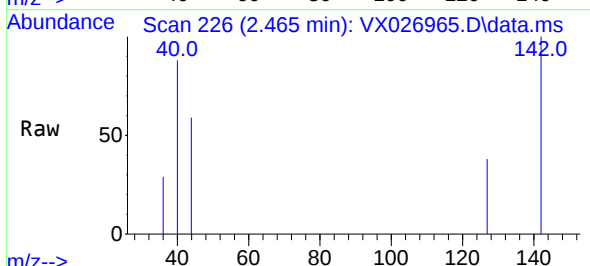
Instrument :
MSVOA_X
Client SampleId :
MW-1DDL

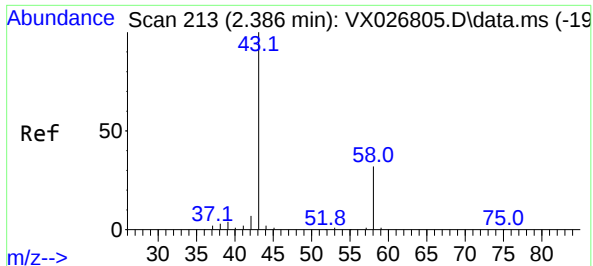
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 58.0 75.9 113.9#



#10
Methyl Iodide
Concen: 2.419 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion: 142 Resp: 300
Ion Ratio Lower Upper
142 100
127 26.7 38.1 57.1#
141 0.0 11.2 16.8#

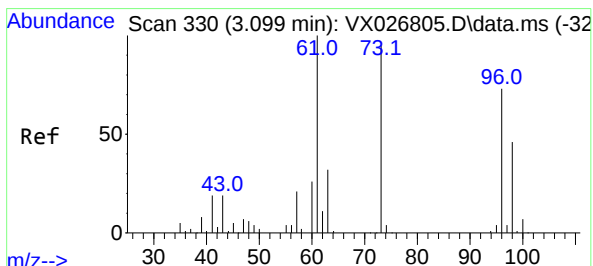
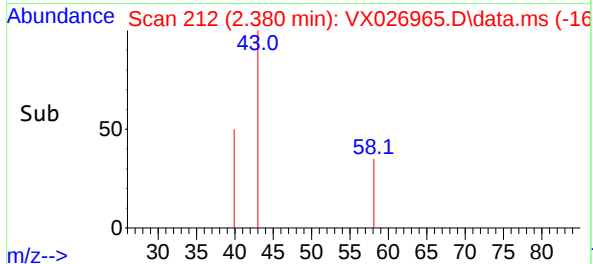
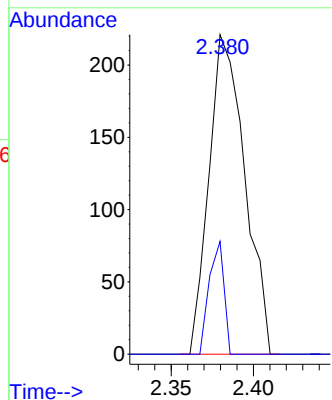
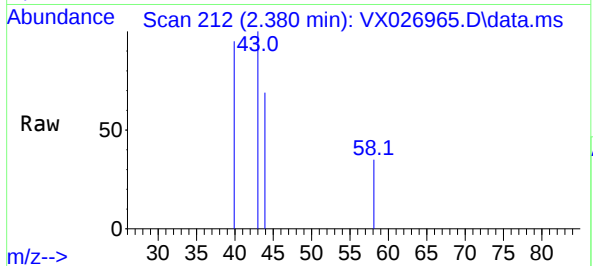




#16
Acetone
Concen: 0.520 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

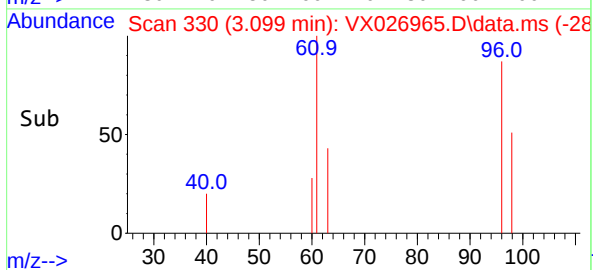
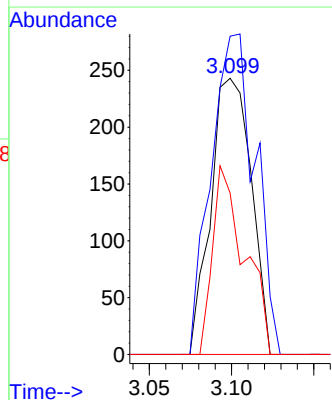
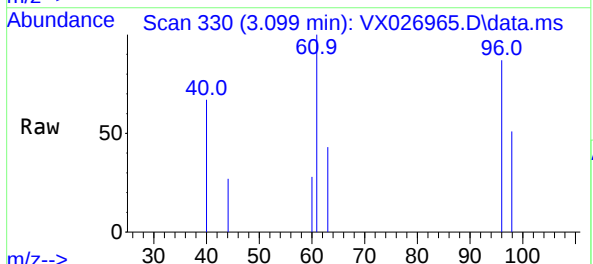
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

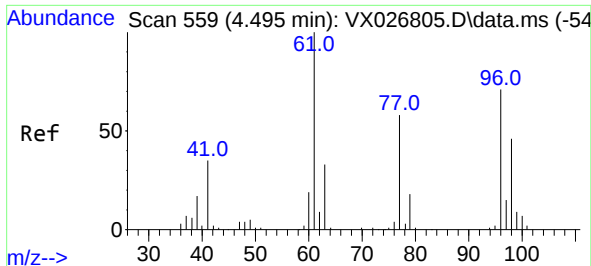
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 35.3 23.0 34.6#



#21
trans-1,2-Dichloroethene
Concen: 0.316 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion: 96 Resp: 416
Ion Ratio Lower Upper
96 100
61 115.2 112.9 169.3
98 58.4 49.5 74.3



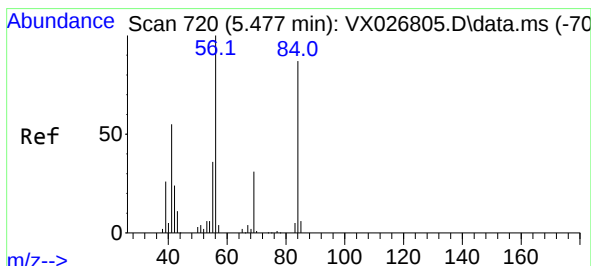
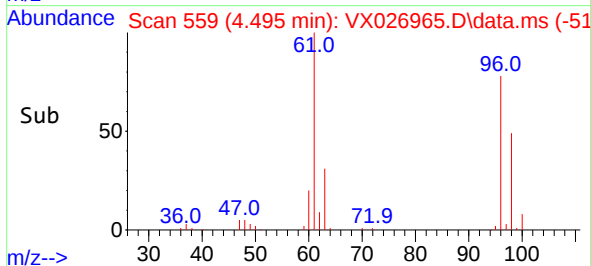
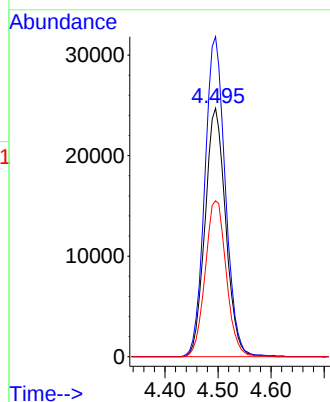
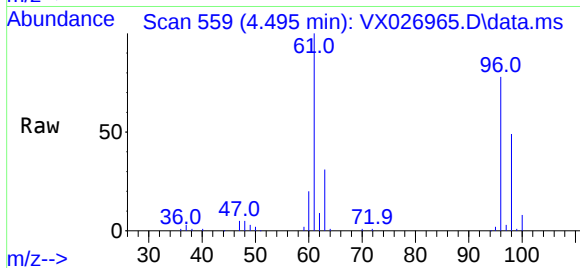


#27
 cis-1,2-Dichloroethene
 Concen: 44.209 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX026965.D
 Acq: 11 Feb 2022 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DDL

Tgt Ion: 96 Resp: 66833

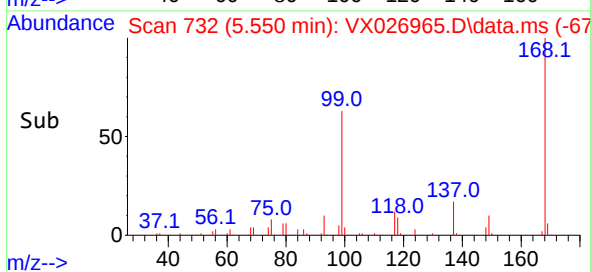
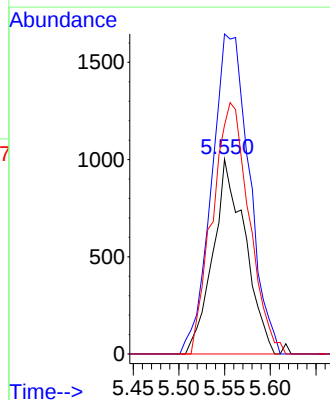
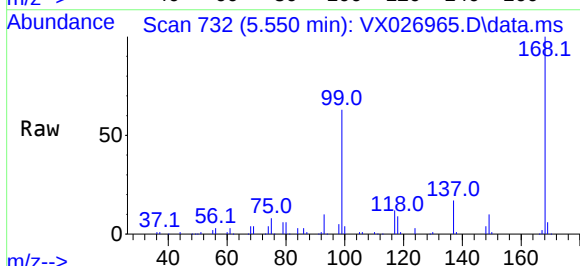
Ion	Ratio	Lower	Upper
96	100		
61	127.9	0.0	296.6
98	64.2	0.0	128.8

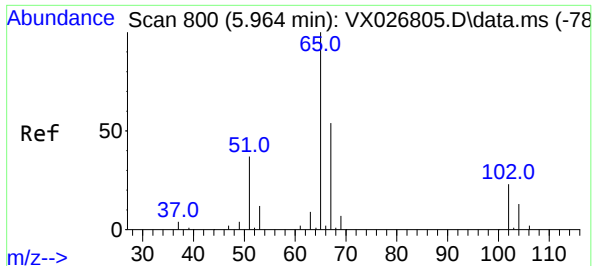


#31
 Cyclohexane
 Concen: 1.054 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.073 min
 Lab File: VX026965.D
 Acq: 11 Feb 2022 14:32

Tgt Ion: 56 Resp: 2458

Ion	Ratio	Lower	Upper
56	100		
69	164.3	25.8	38.6#
84	117.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.593 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026965.D

Acq: 11 Feb 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

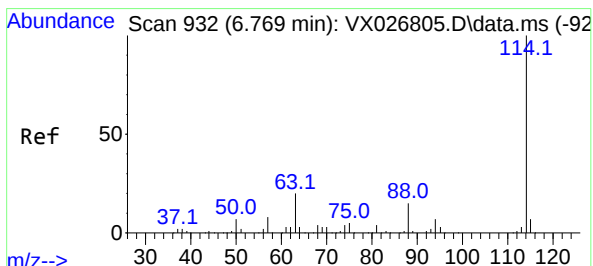
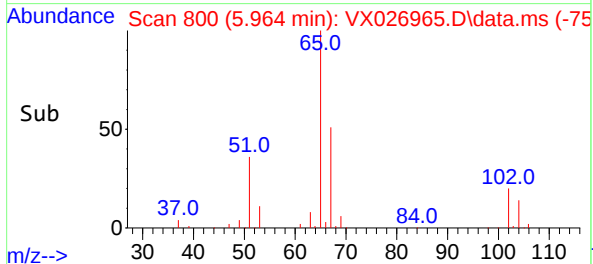
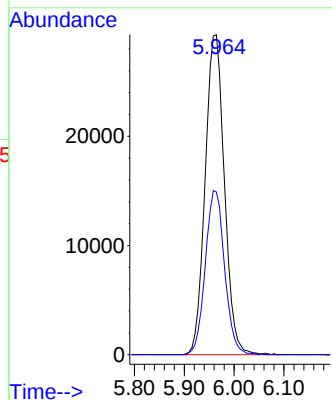
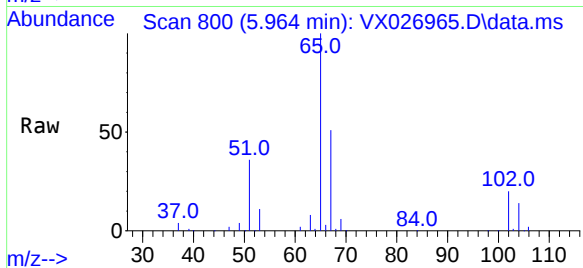
MW-1DDL

Tgt Ion: 65 Resp: 78654

Ion Ratio Lower Upper

65 100

67 51.3 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: VX026965.D

Acq: 11 Feb 2022 14:32

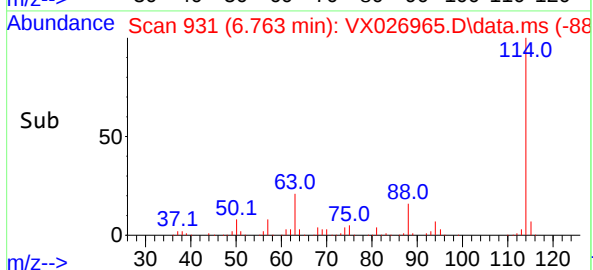
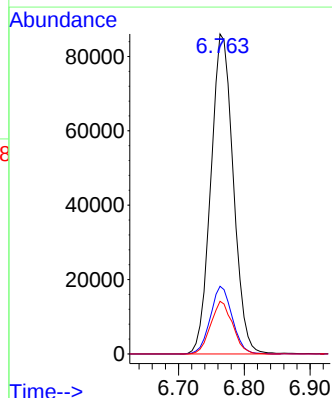
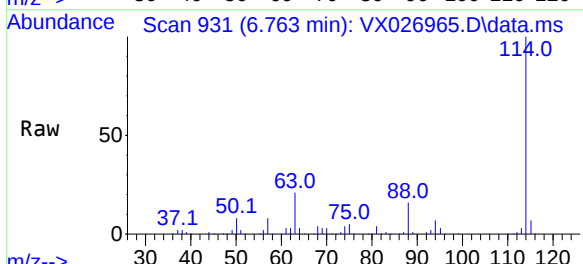
Tgt Ion: 114 Resp: 204373

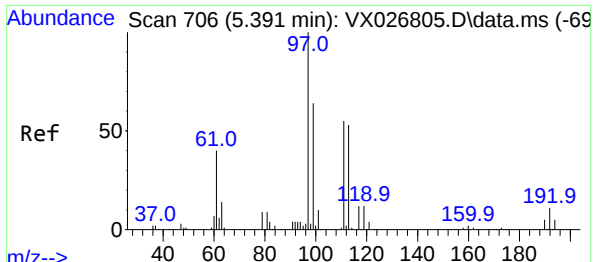
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 16.4 0.0 33.0

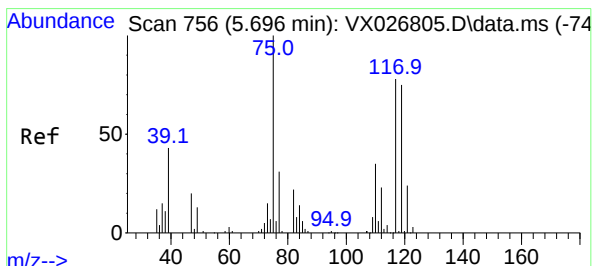
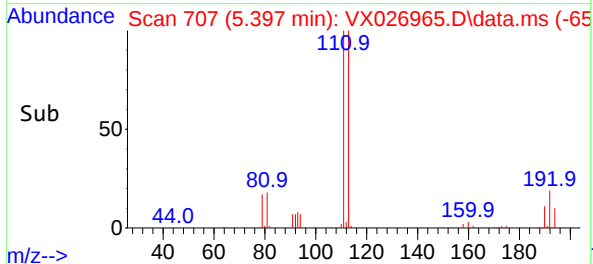
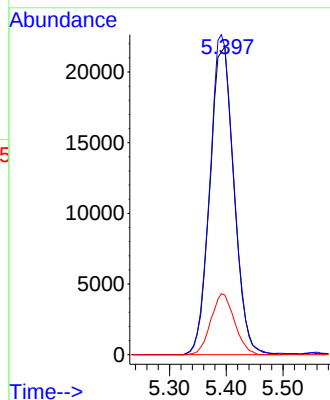
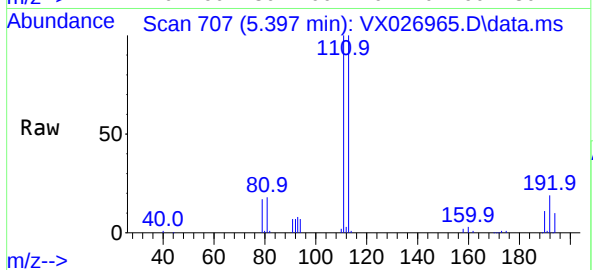




#35
Dibromofluoromethane
Concen: 52.853 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

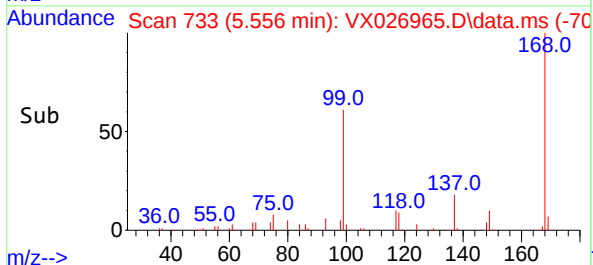
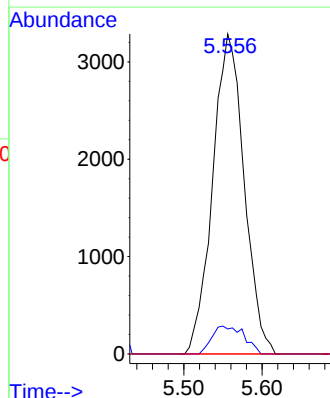
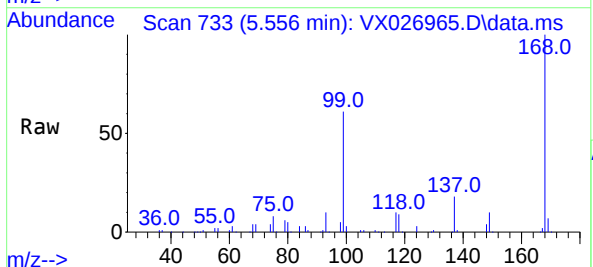
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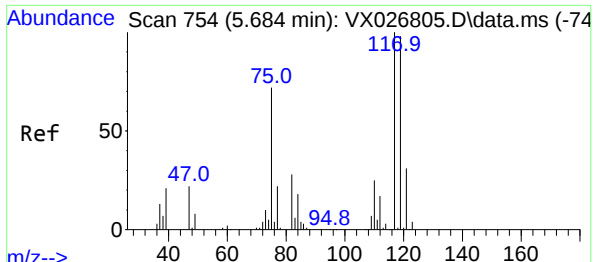
Tgt Ion:113 Resp: 64355
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion: 75 Resp: 9169
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#

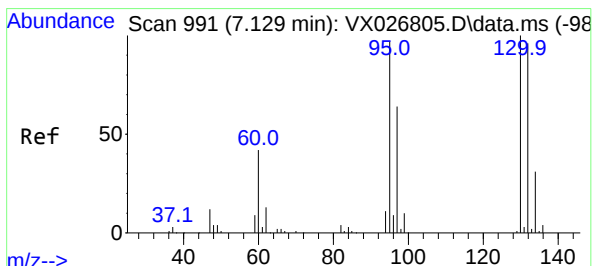
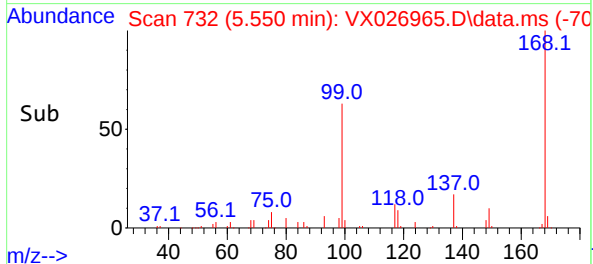
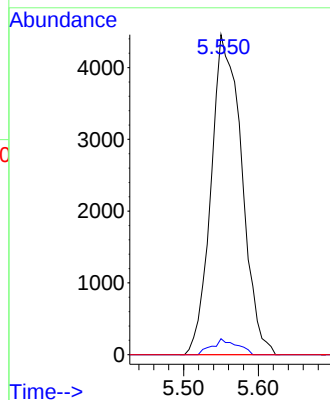
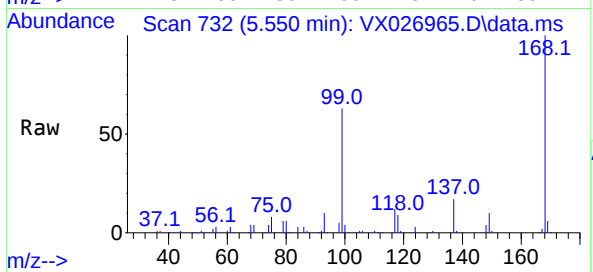




#38
Carbon Tetrachloride
Concen: 6.293 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

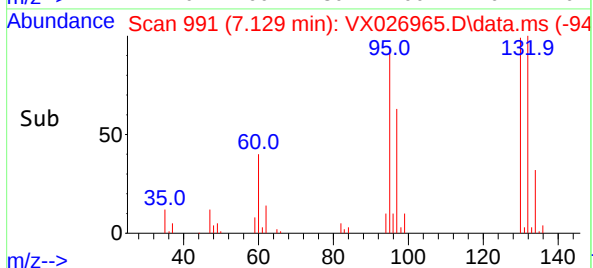
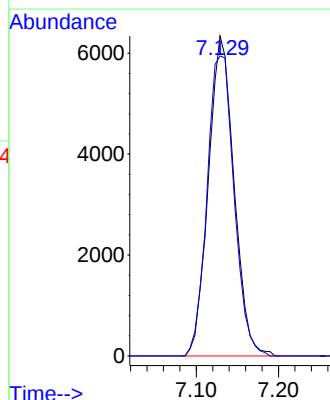
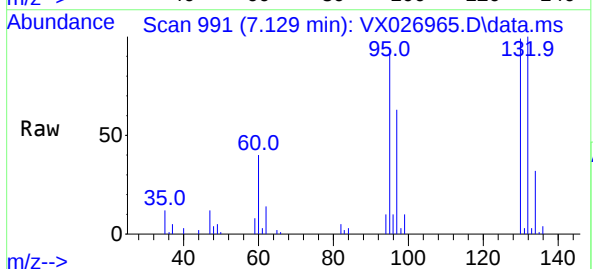
Instrument :
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MW-1DDL

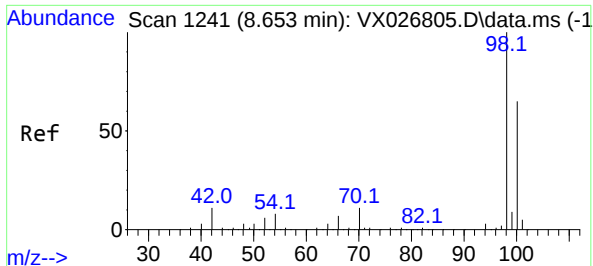
Tgt Ion:117 Resp: 12677
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 8.171 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion:130 Resp: 13735
Ion Ratio Lower Upper
130 100
95 93.8 0.0 202.6

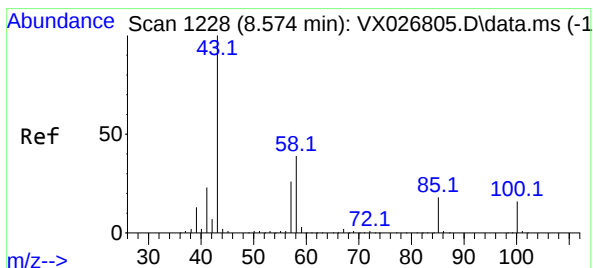
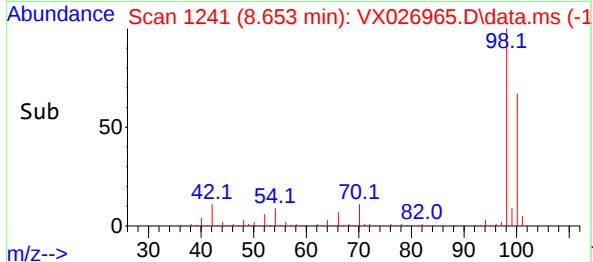
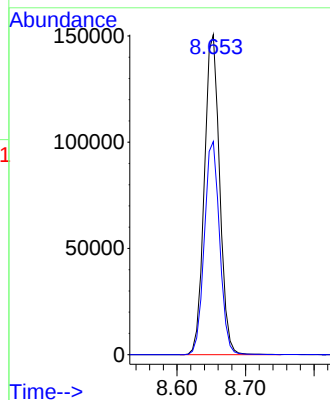
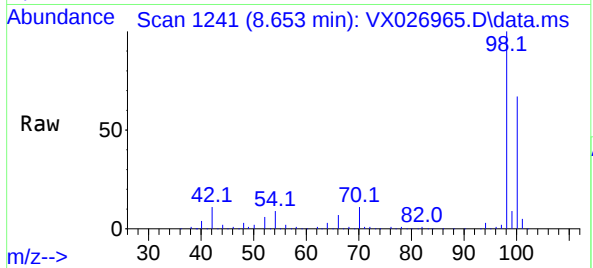




#50
Toluene-d8
Concen: 52.291 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

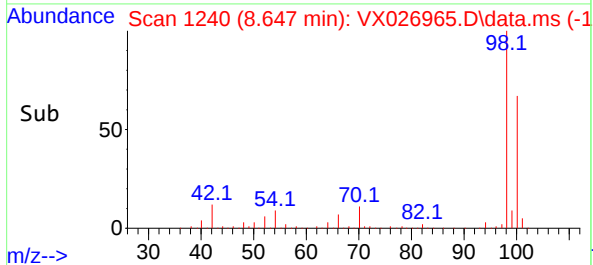
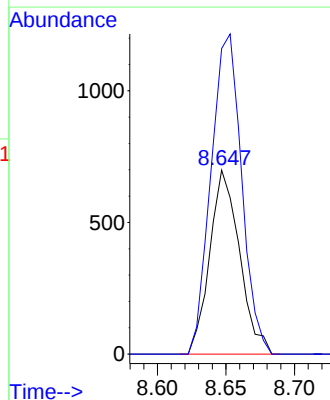
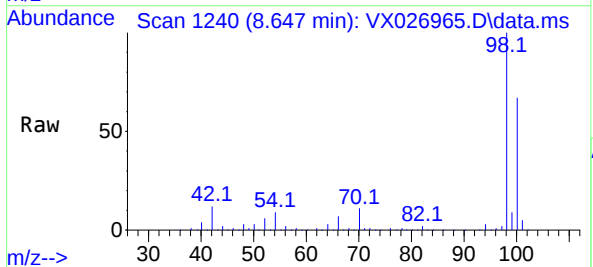
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

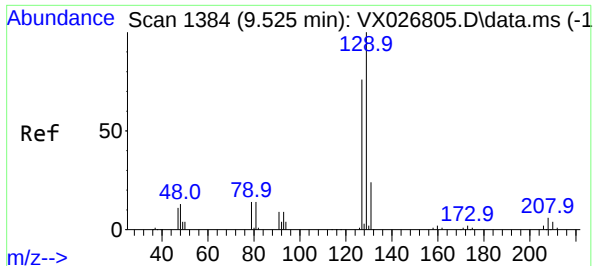
Tgt Ion: 98 Resp: 233716
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 179.0 30.5 45.7#

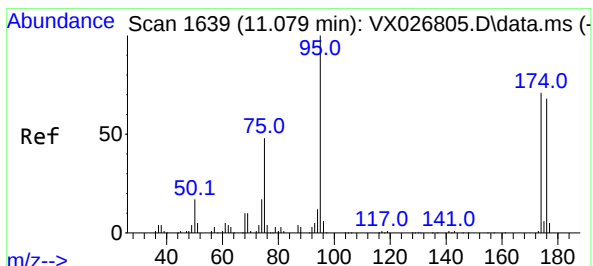
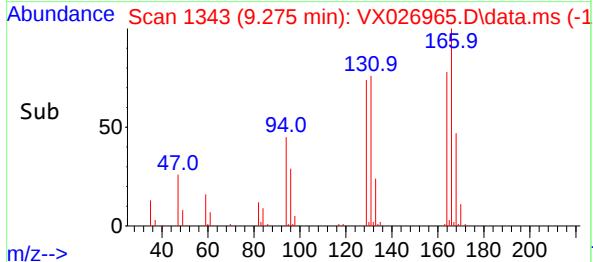
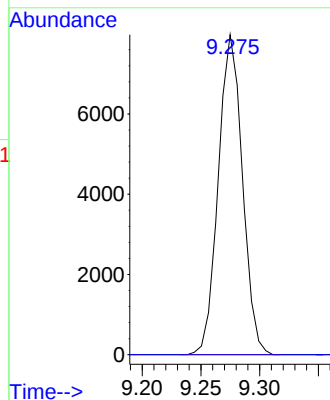
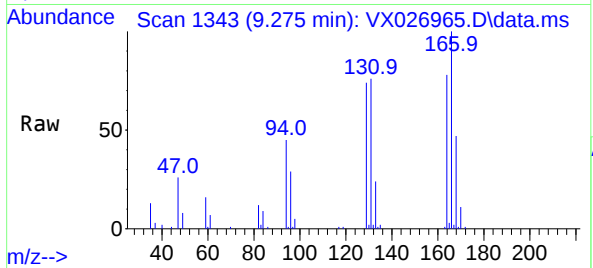




#60
Dibromochloromethane
Concen: 8.259 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

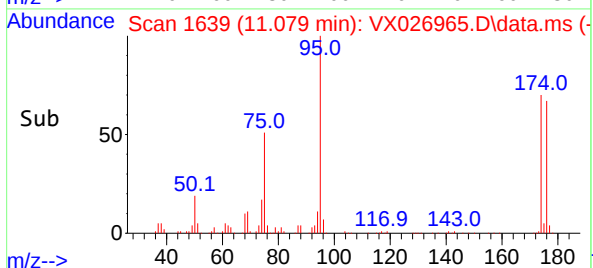
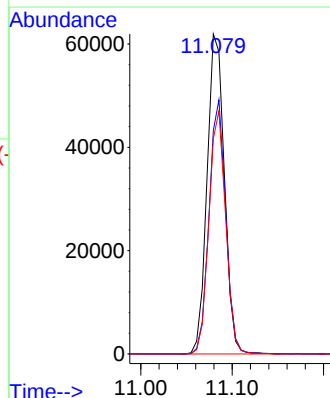
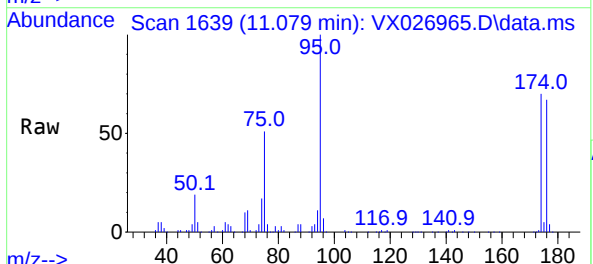
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

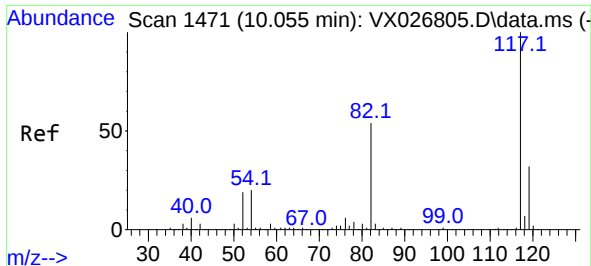
Tgt Ion:129 Resp: 11403
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 51.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion: 95 Resp: 81517
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.6
176 73.4 0.0 141.4

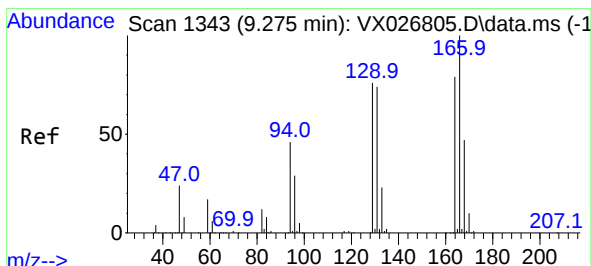
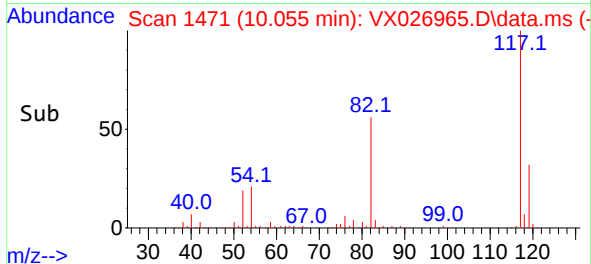
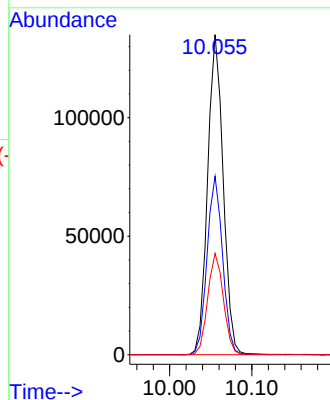
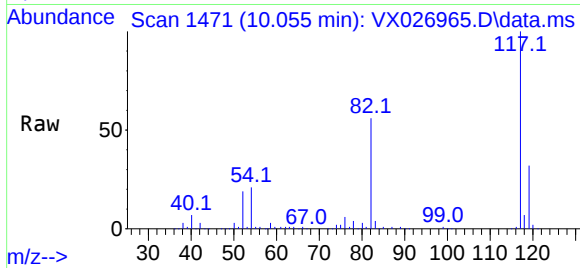




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

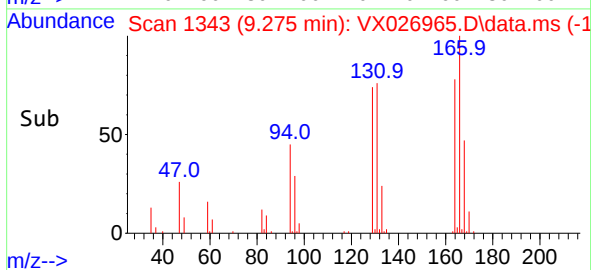
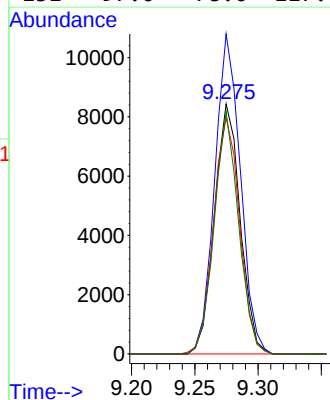
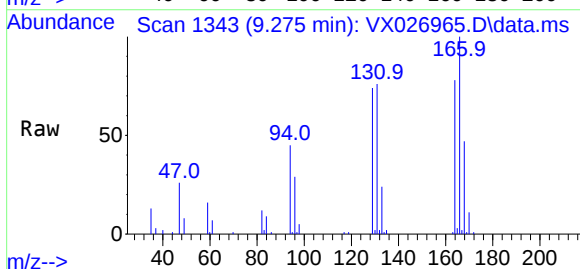
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

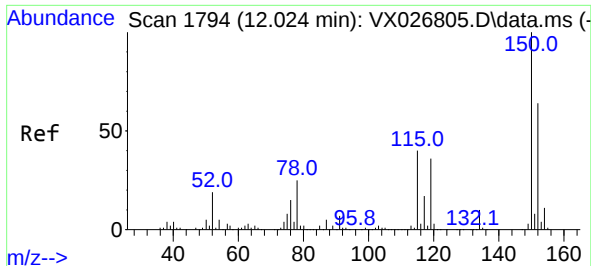
Tgt Ion:117 Resp: 177709
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 6.702 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion:164 Resp: 11962
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.6
129 94.5 83.3 124.9
131 97.0 78.0 117.0

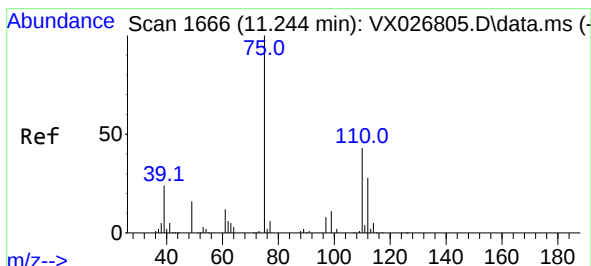
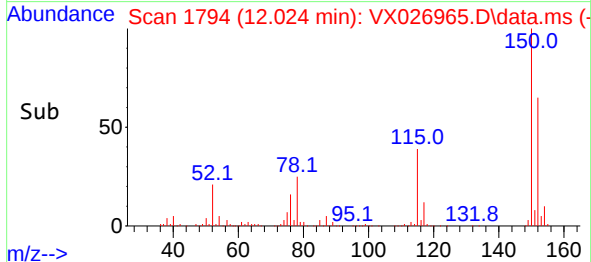
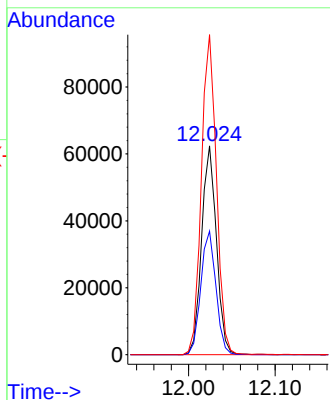
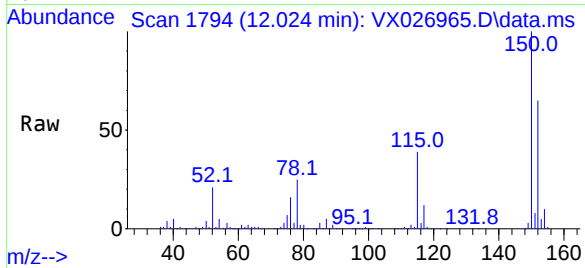




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

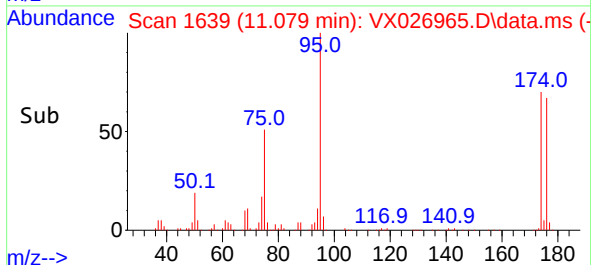
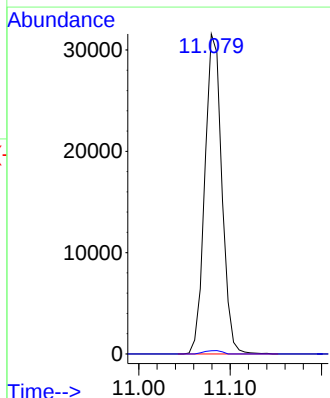
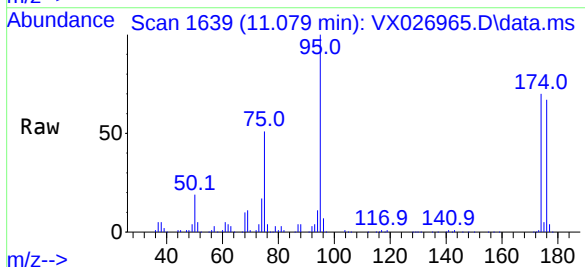
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

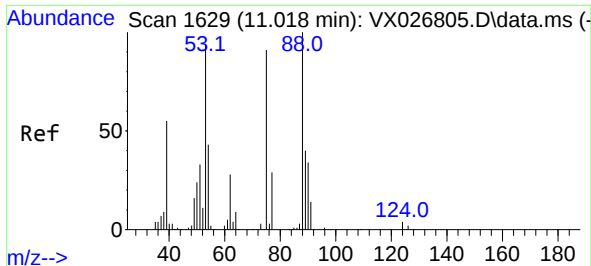
Tgt Ion:152 Resp: 74245
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 155.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Tgt Ion: 75 Resp: 40778
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.518 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026965.D
Acq: 11 Feb 2022 14:32

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion: 75 Resp: 40778
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

