

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026931.D
 Acq On : 10 Feb 2022 19:27
 Operator : JC/MD
 Sample : N1438-03DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25-R-DDL

Quant Time: Feb 11 04:02:45 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)

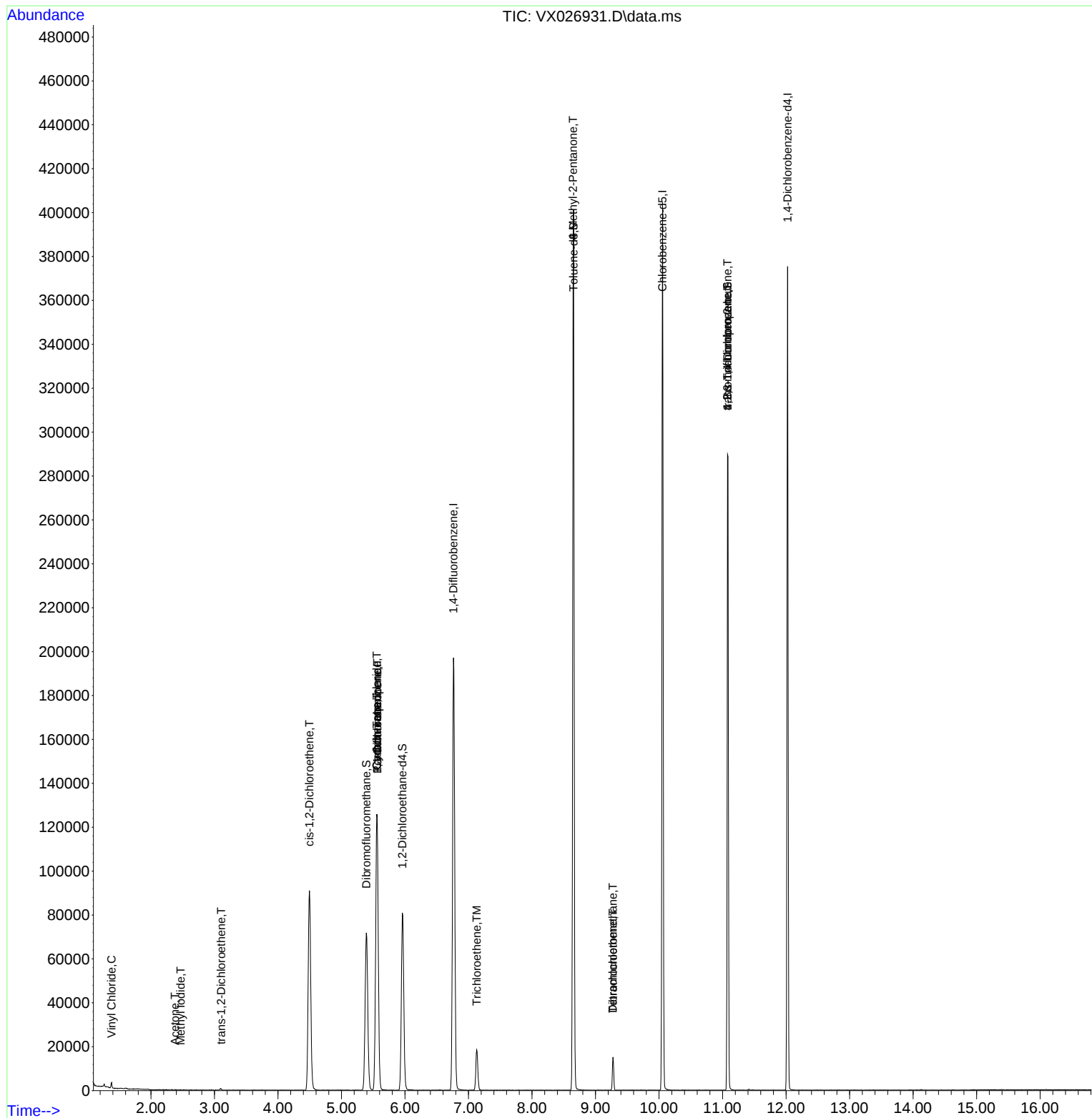
Internal Standards						
1) Pentafluorobenzene	5.562	168	119376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79084	55.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.380%	
35) Dibromofluoromethane	5.391	113	63895	52.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.840%	
50) Toluene-d8	8.653	98	233764	52.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	11.079	95	82543	52.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	1567	1.240	ug/l	95
10) Methyl Iodide	2.465	142	61	2.288	ug/l #	37
16) Acetone	2.379	43	244	0.388	ug/l #	46
21) trans-1,2-Dichloroethene	3.105	96	329	0.256	ug/l #	72
27) cis-1,2-Dichloroethene	4.495	96	58853	39.871	ug/l	89
31) Cyclohexane	5.556	56	2371	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9412	4.941	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12510	6.263	ug/l #	16
44) Trichloroethene	7.129	130	7498	4.498	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1056	0.523	ug/l #	1
60) Dibromochloromethane	9.275	129	2894	2.114	ug/l #	11
64) Tetrachloroethene	9.275	164	2870	1.598	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	41797	25.552	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41797	77.863	ug/l #	3

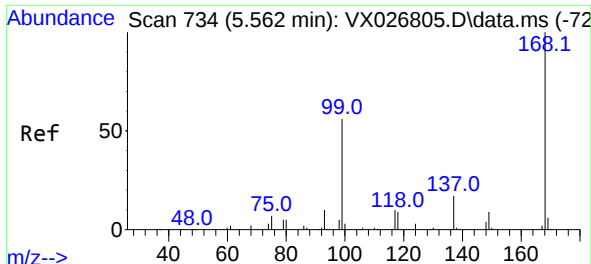
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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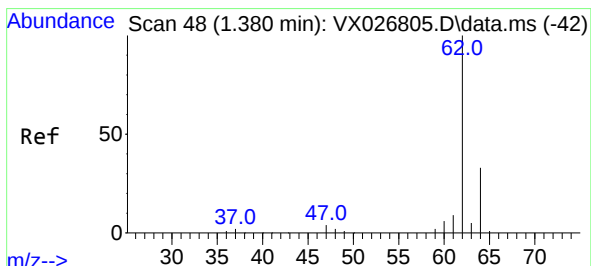
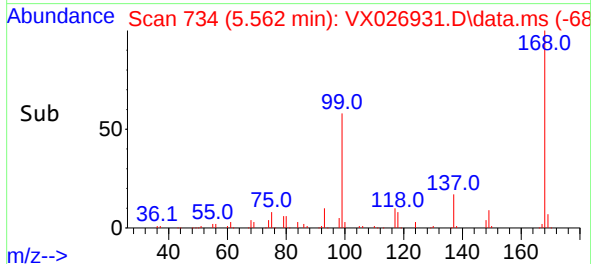
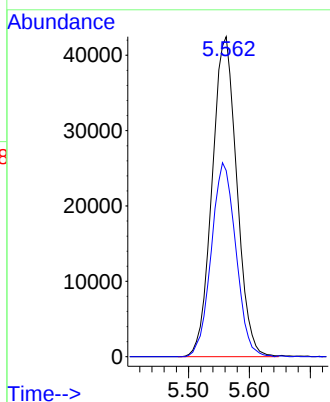
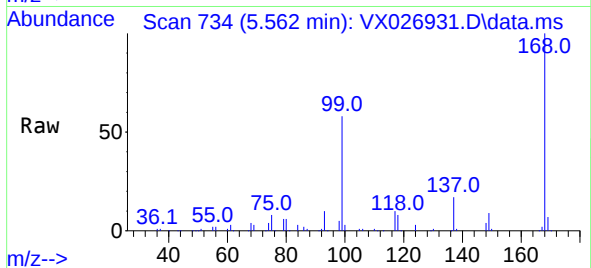




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

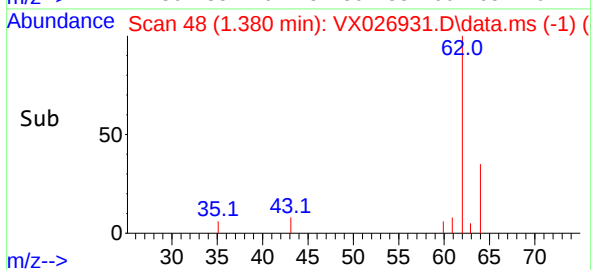
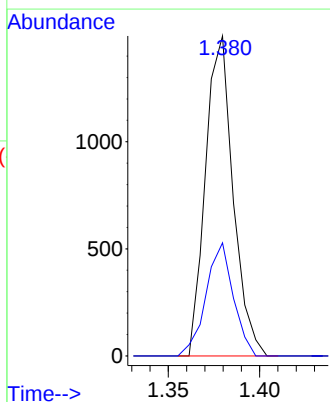
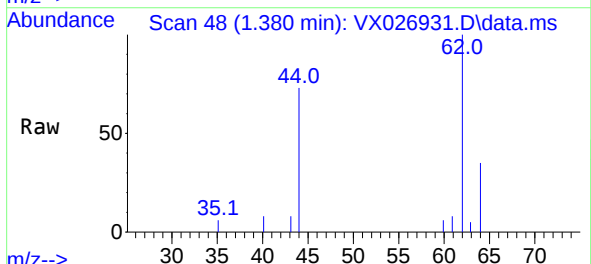
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

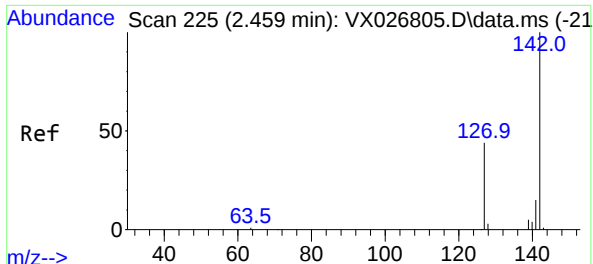
Tgt Ion:168 Resp: 119376
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#4
Vinyl Chloride
Concen: 1.240 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 62 Resp: 1567
Ion Ratio Lower Upper
62 100
64 35.3 26.2 39.2

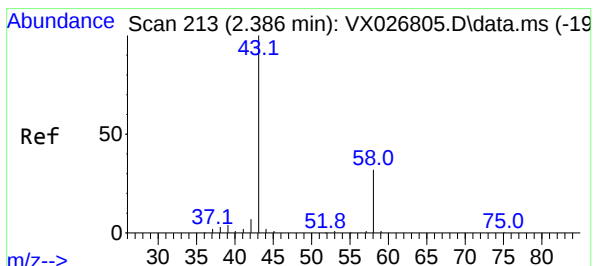
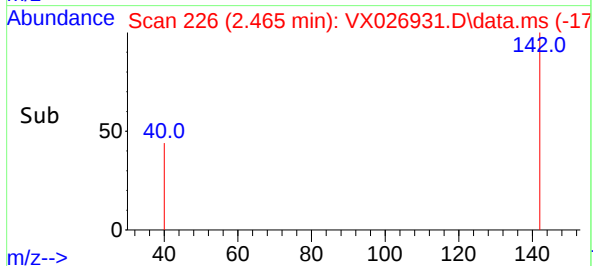
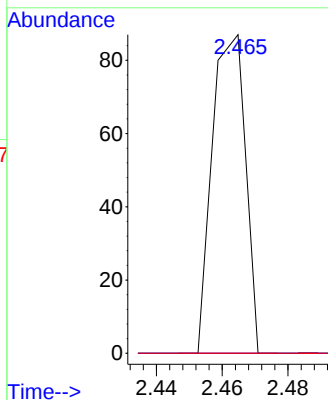
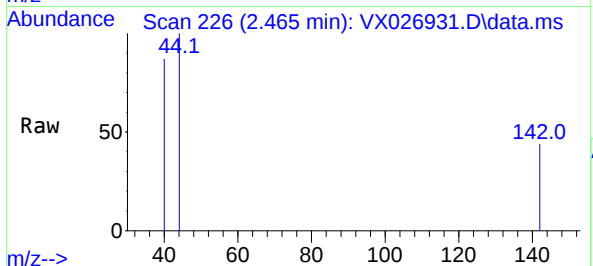




#10
Methyl Iodide
Concen: 2.288 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

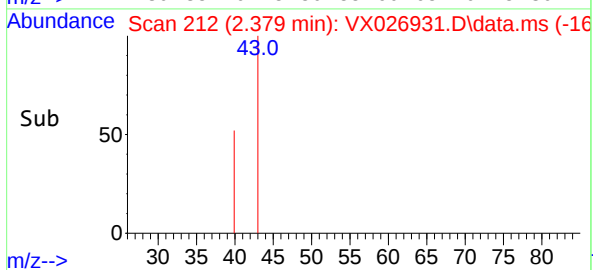
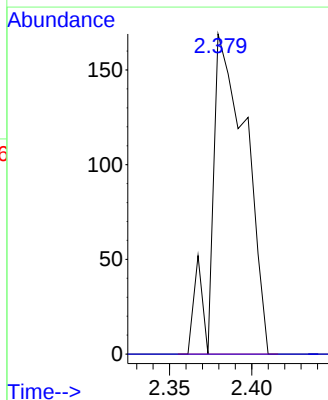
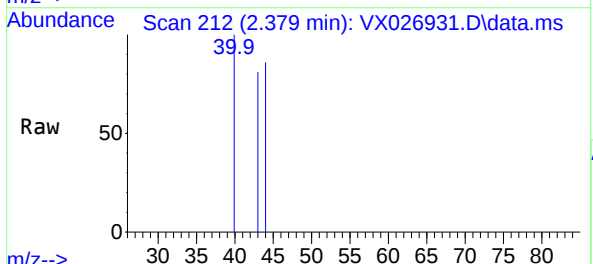
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

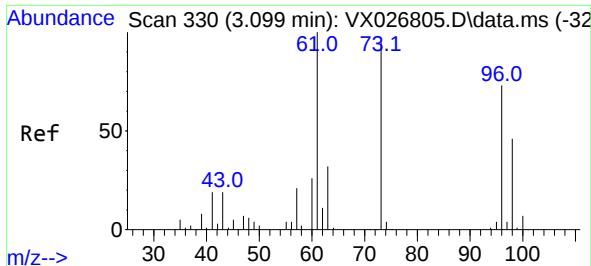
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.388 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

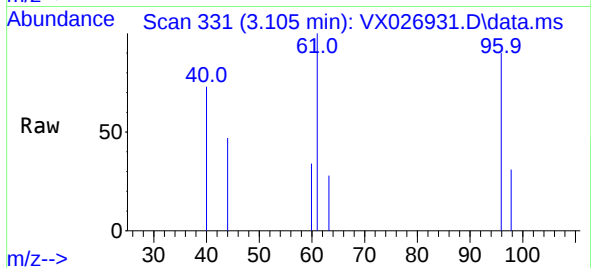
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



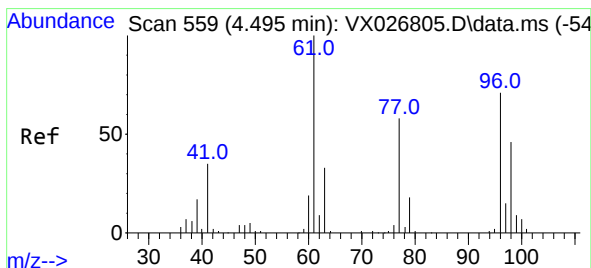
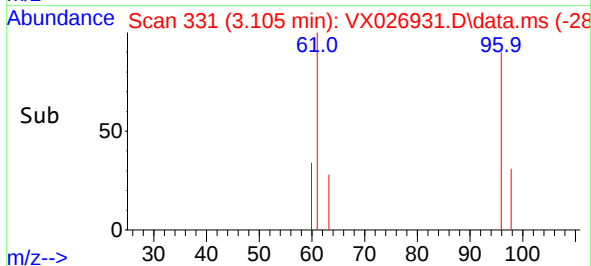
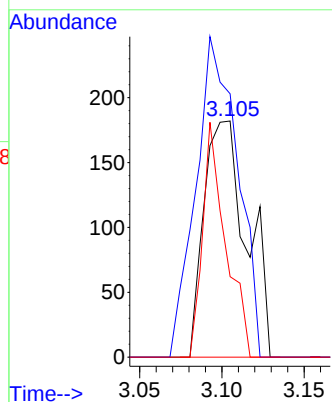


#21
trans-1,2-Dichloroethene
Concen: 0.256 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

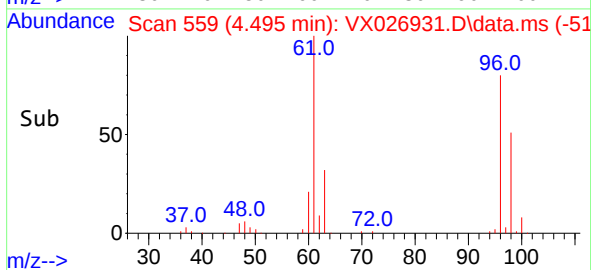
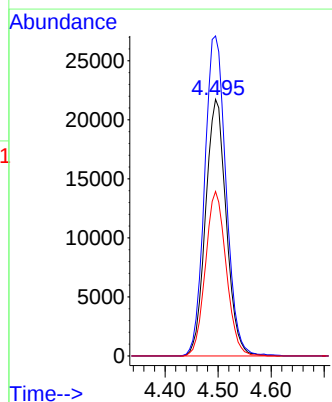
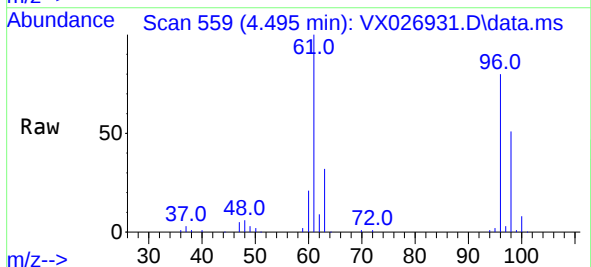


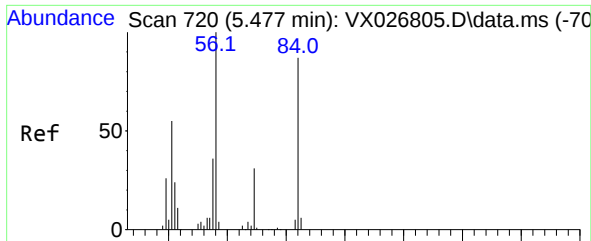
Tgt Ion: 96 Resp: 329
Ion Ratio Lower Upper
96 100
61 111.5 112.9 169.3#
98 34.1 49.5 74.3#



#27
cis-1,2-Dichloroethene
Concen: 39.871 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

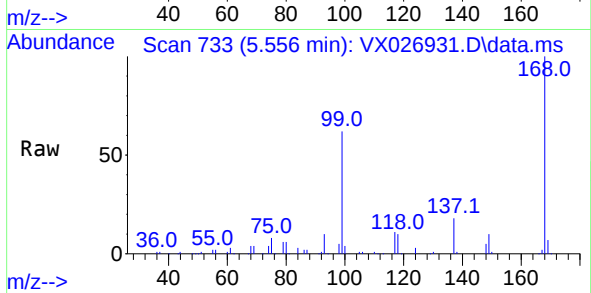
Tgt Ion: 96 Resp: 58853
Ion Ratio Lower Upper
96 100
61 129.0 0.0 296.6
98 64.4 0.0 128.8



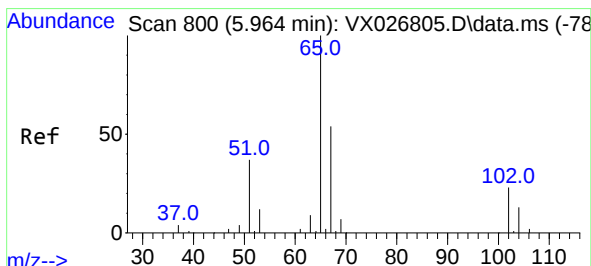
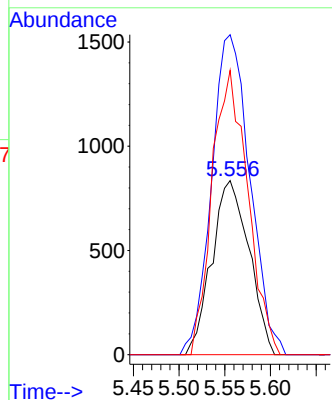
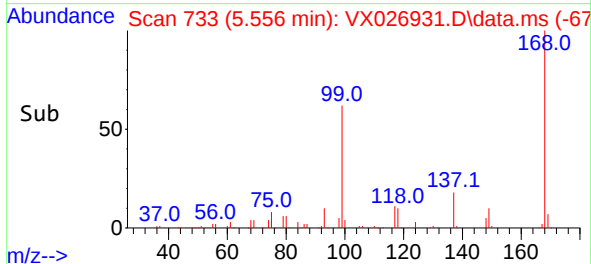


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

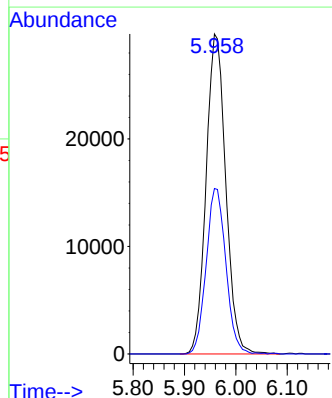
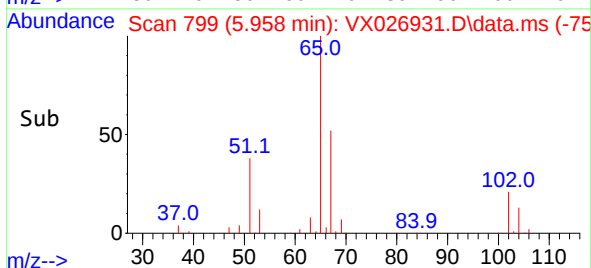
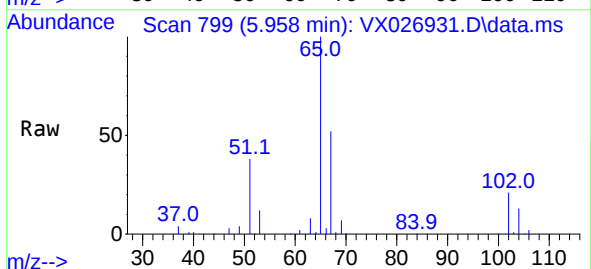


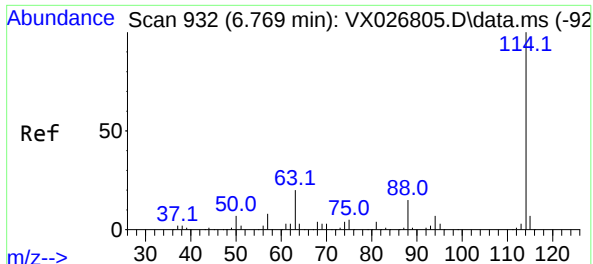
Tgt Ion: 56 Resp: 2371
Ion Ratio Lower Upper
56 100
69 183.8 25.8 38.6#
84 163.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.188 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 65 Resp: 79084
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: VX026931.D

Acq: 10 Feb 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

MW-25-R-DDL

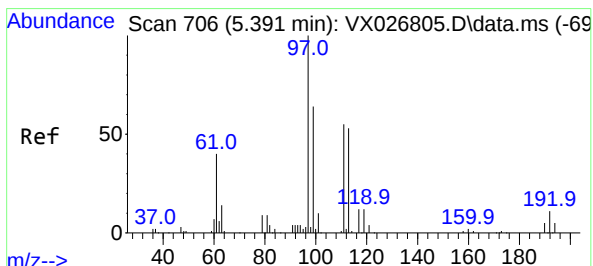
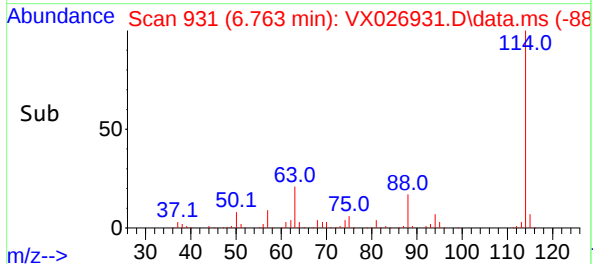
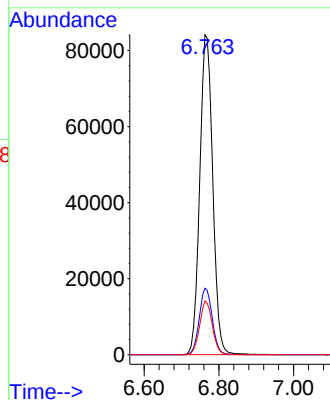
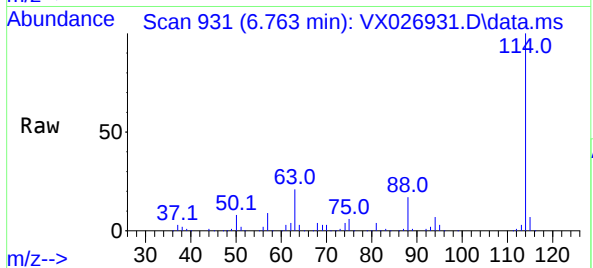
Tgt Ion:114 Resp: 202674

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.916 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026931.D

Acq: 10 Feb 2022 19:27

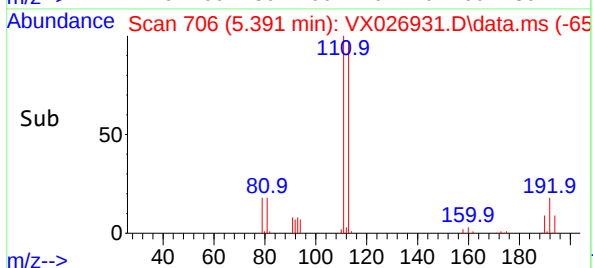
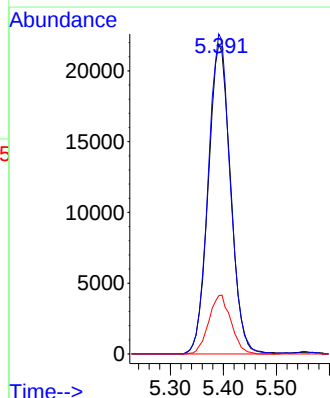
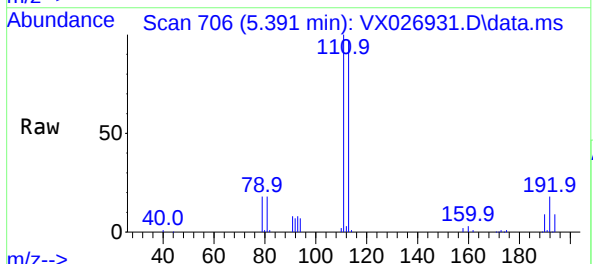
Tgt Ion:113 Resp: 63895

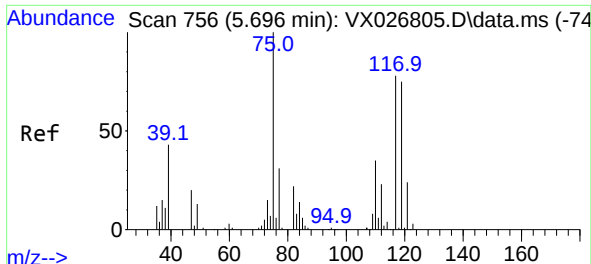
Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 18.8 15.0 22.4

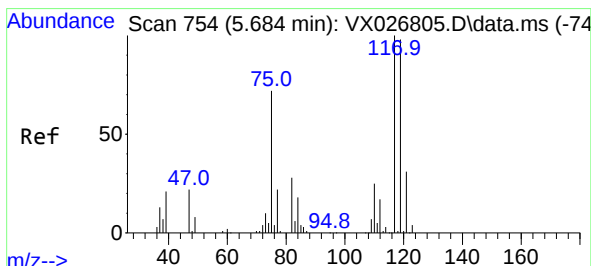
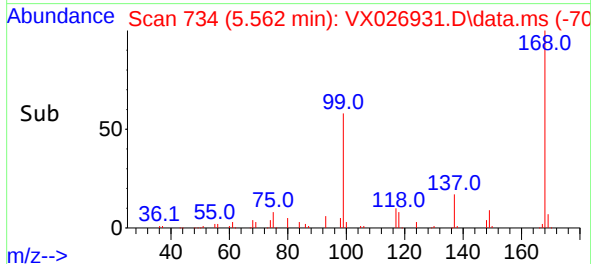
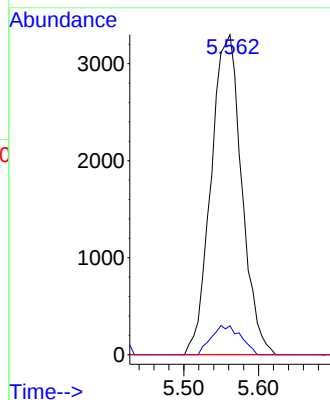
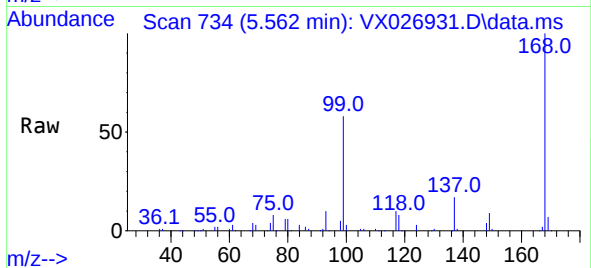




#36
1,1-Dichloropropene
Concen: 4.941 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

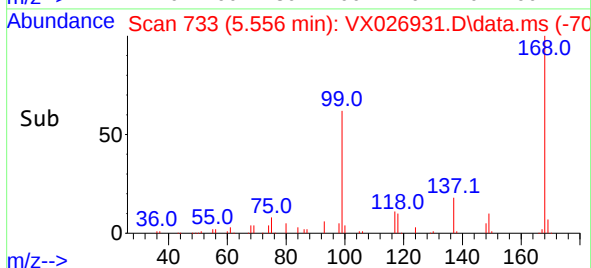
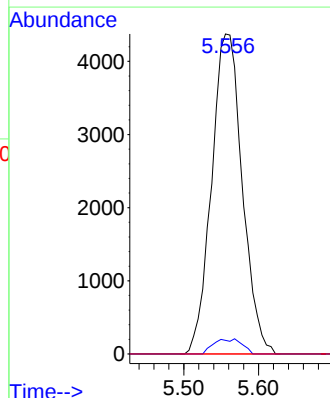
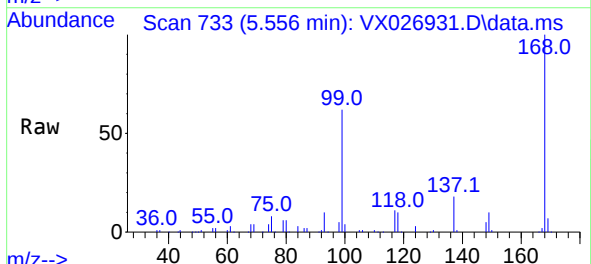
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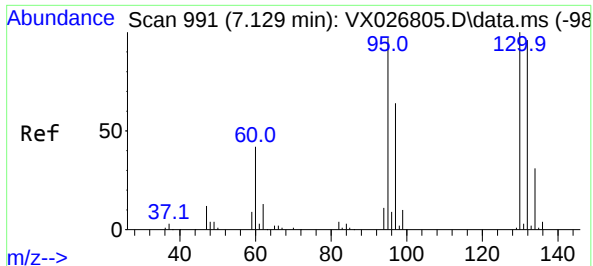
Tgt Ion: 75 Resp: 9412
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 117 Resp: 12510
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#

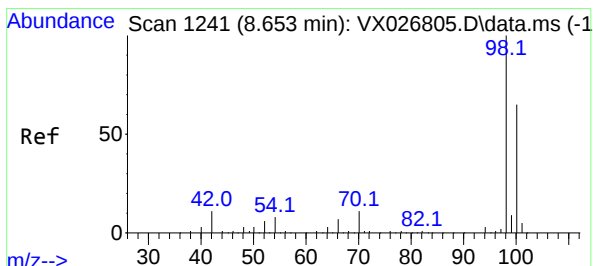
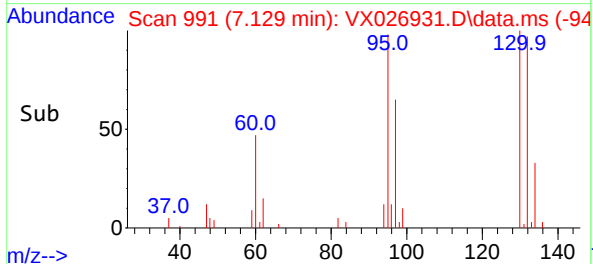
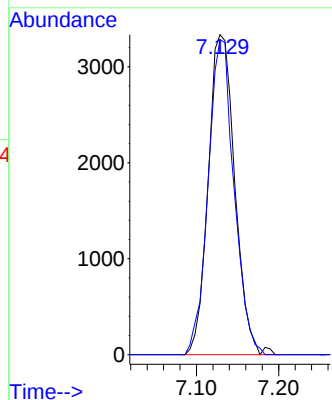
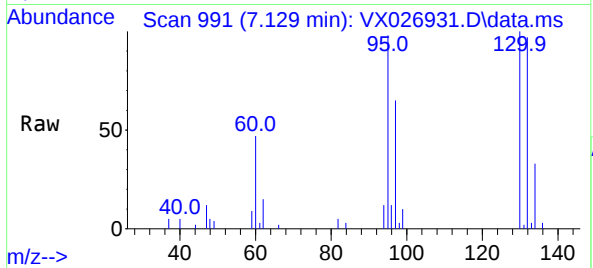




#44
Trichloroethene
Concen: 4.498 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

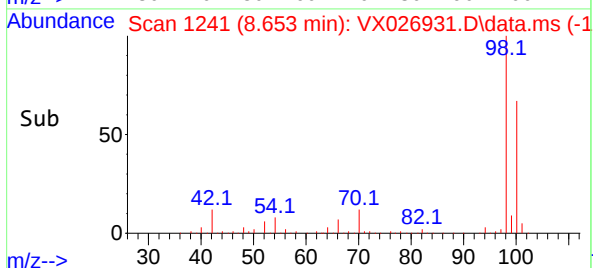
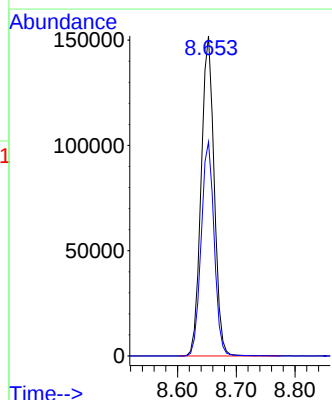
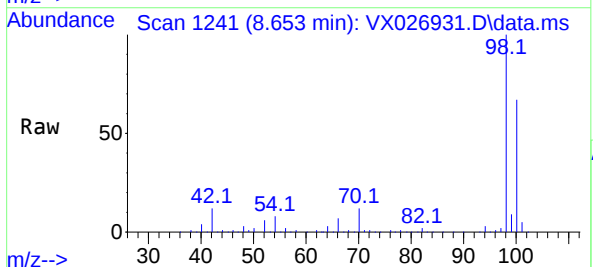
Instrument :
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ClientSampleId :
MW-25-R-DDL

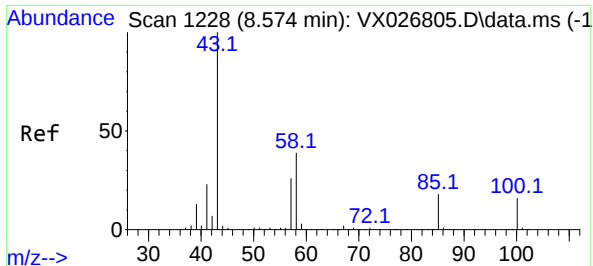
Tgt Ion:130 Resp: 7498
Ion Ratio Lower Upper
130 100
95 98.5 0.0 202.6



#50
Toluene-d8
Concen: 52.740 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 98 Resp: 233764
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

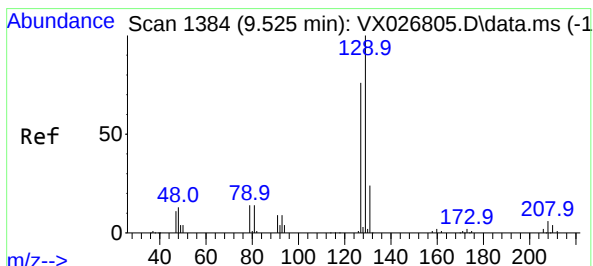
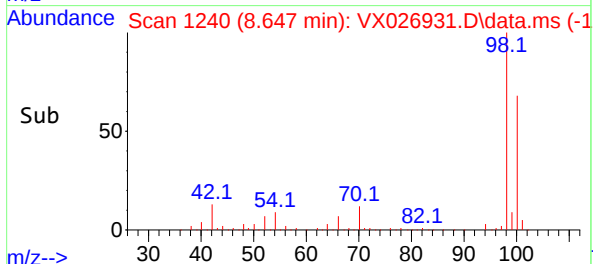
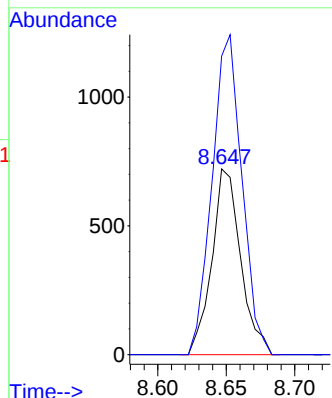
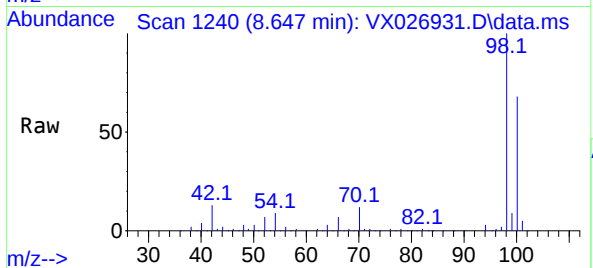




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

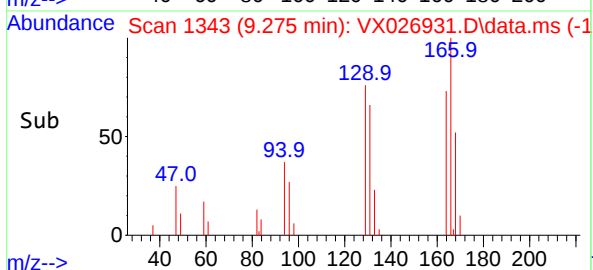
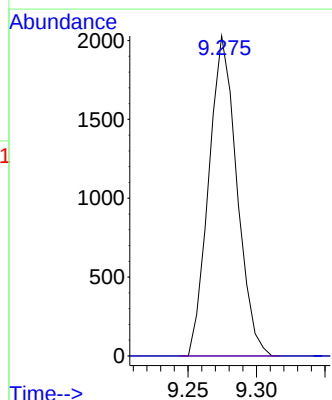
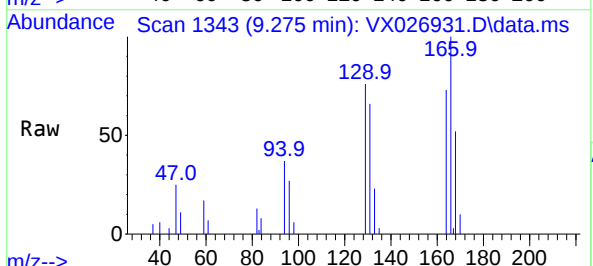
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

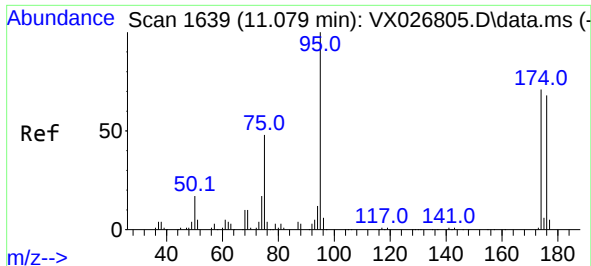
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 178.0 30.5 45.7#



#60
Dibromochloromethane
Concen: 2.114 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 129 Resp: 2894
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

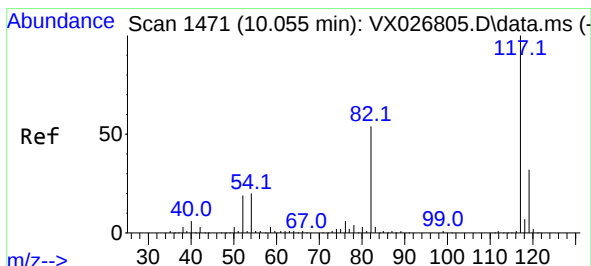
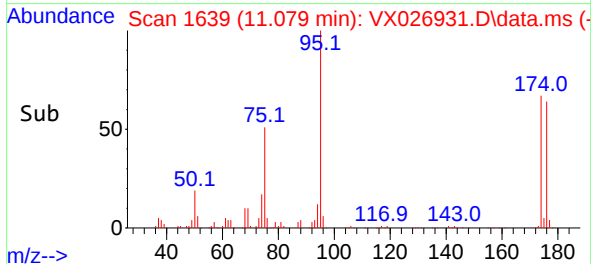
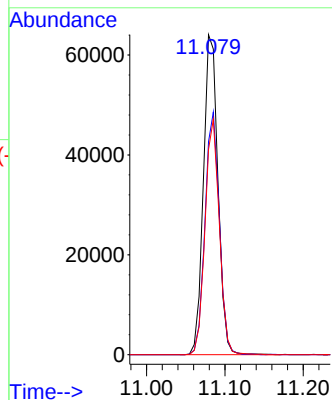
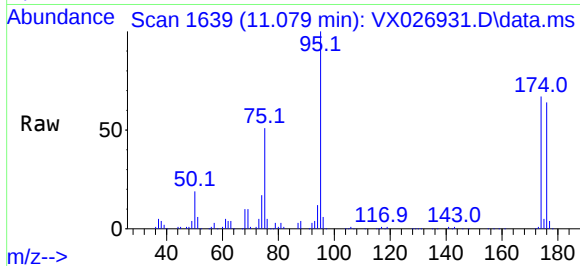




#62
4-Bromofluorobenzene
Concen: 52.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

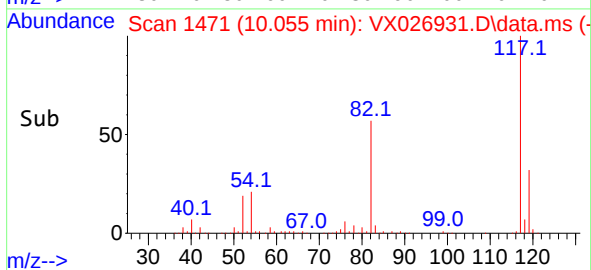
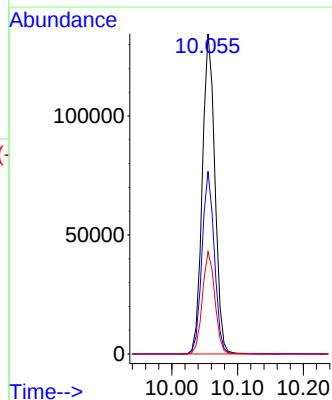
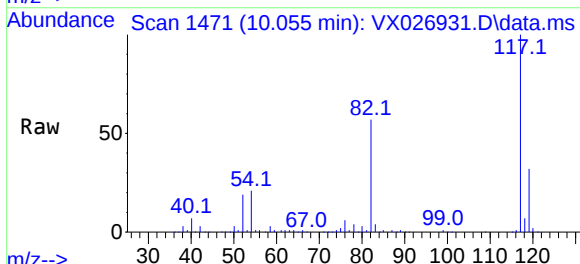
Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

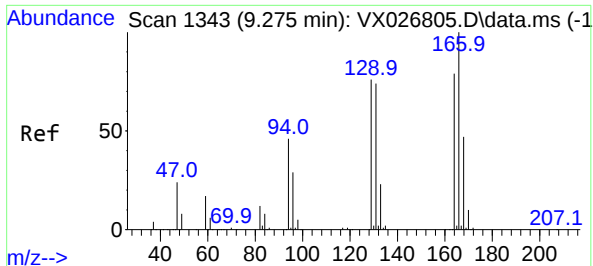
Tgt Ion: 95 Resp: 82543
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 72.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 117 Resp: 178772
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 32.0 26.2 39.2



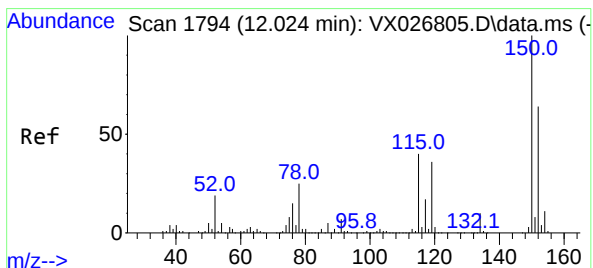
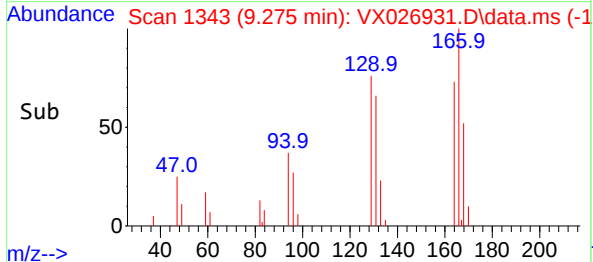
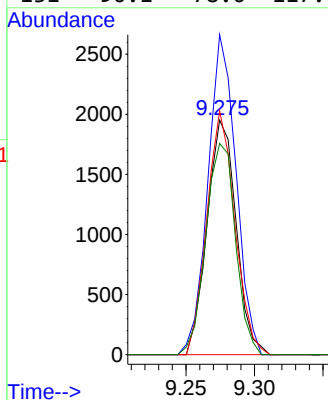
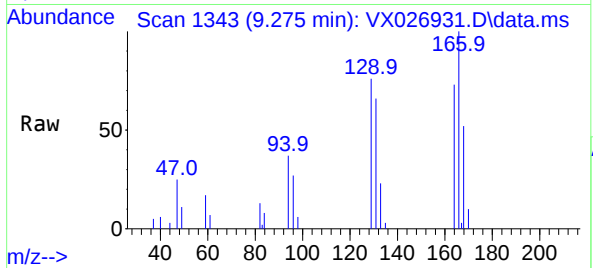


#64
Tetrachloroethene
Concen: 1.598 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

Tgt Ion:164 Resp: 2870

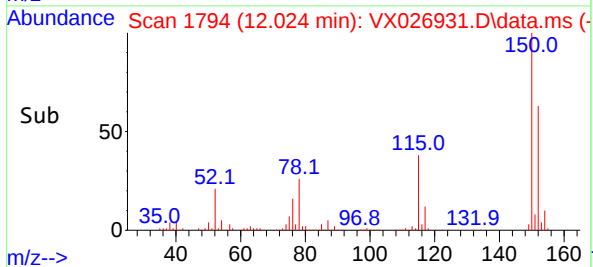
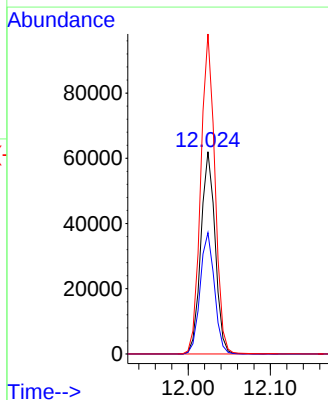
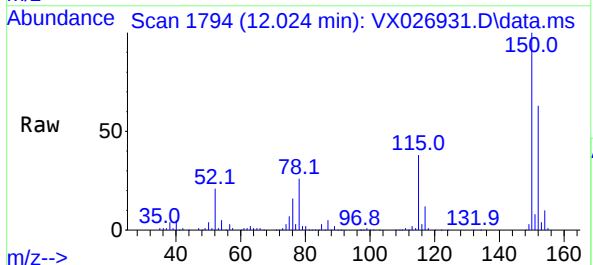
Ion	Ratio	Lower	Upper
164	100		
166	136.4	101.8	152.6
129	103.9	83.3	124.9
131	90.1	78.0	117.0

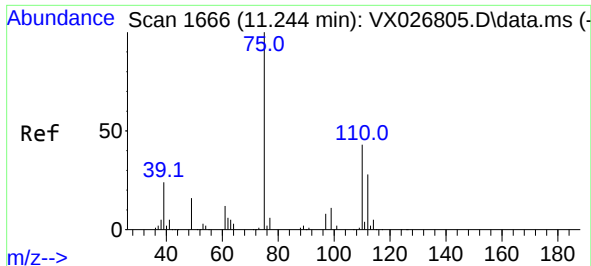


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion:152 Resp: 74726

Ion	Ratio	Lower	Upper
152	100		
115	60.1	44.2	132.6
150	157.2	0.0	348.2

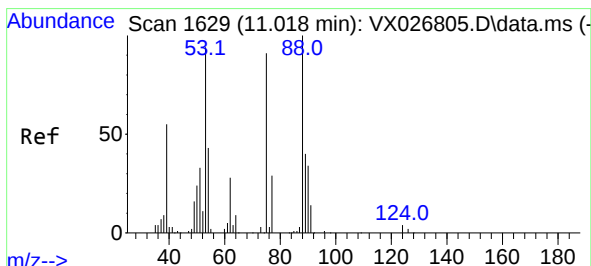
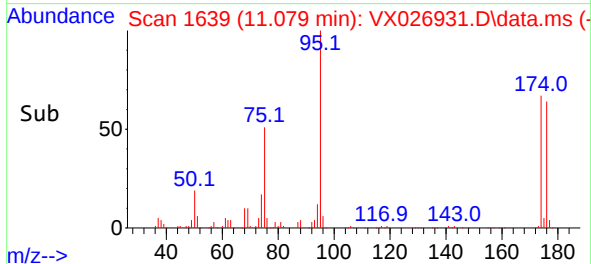
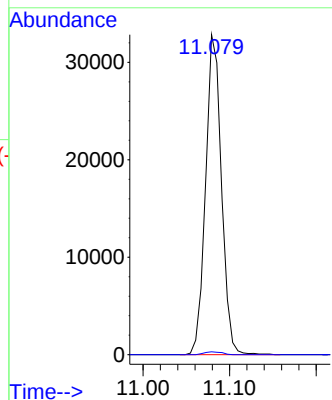
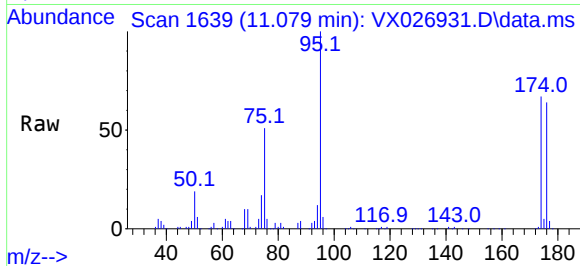




#76
1,2,3-Trichloropropane
Concen: 25.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-25-R-DDL

Tgt Ion: 75 Resp: 41797
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026931.D
Acq: 10 Feb 2022 19:27

Tgt Ion: 75 Resp: 41797
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

