

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026964.D
 Acq On : 11 Feb 2022 14:09
 Operator : JC/MD
 Sample : N1481-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW7B-GW-20220209DL

Quant Time: Feb 12 04:28:43 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)

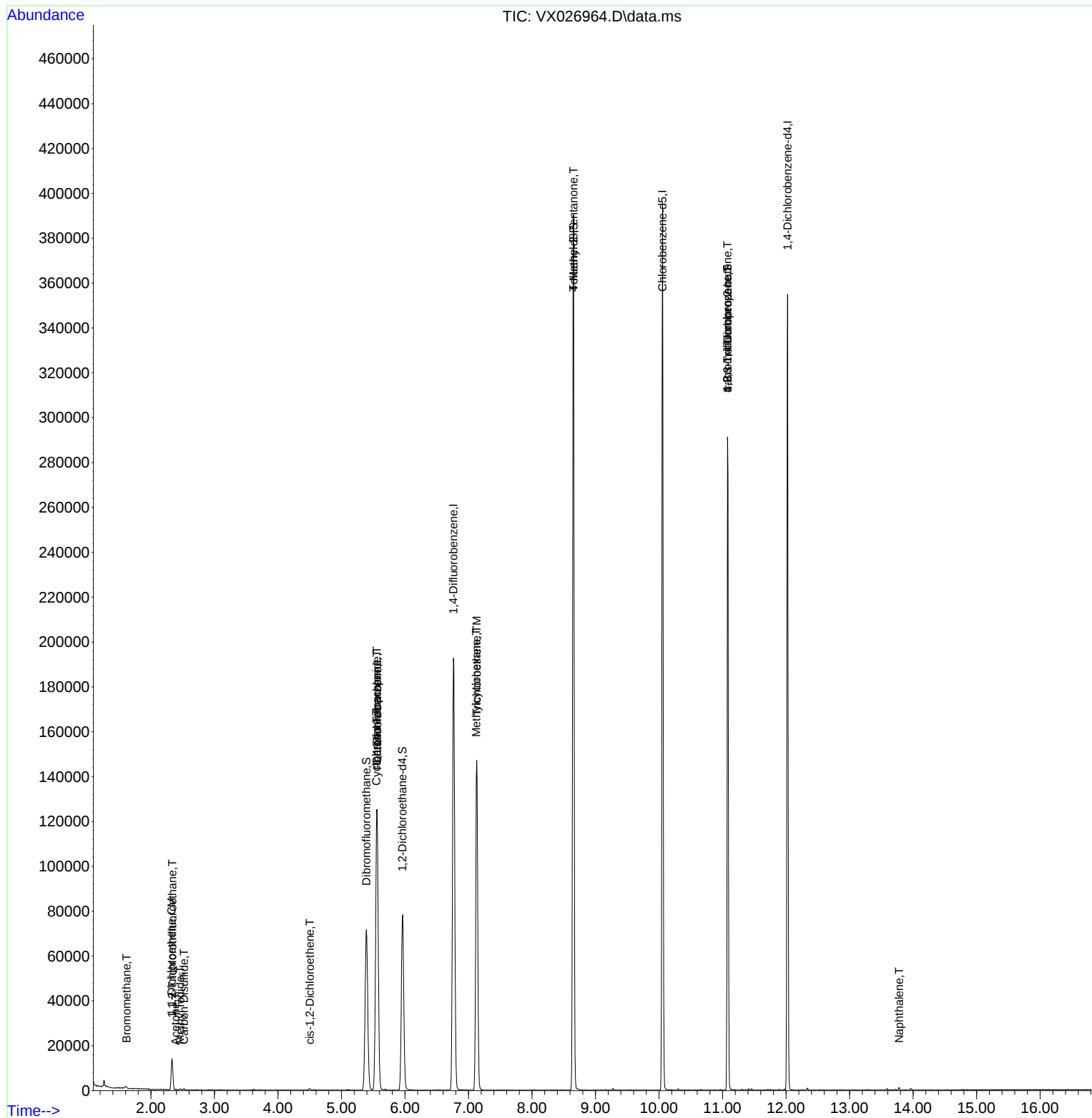
Internal Standards						
1) Pentafluorobenzene	5.562	168	120284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76345	52.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.740%			
35) Dibromofluoromethane	5.391	113	62937	52.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	8.653	98	229913	52.123	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.240%			
62) 4-Bromofluorobenzene	11.079	95	79577	51.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.480%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	228	0.422	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	3371	2.744	ug/l	93
10) Methyl Iodide	2.459	142	487	2.527	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	2409	1.957	ug/l	97
16) Acetone	2.386	43	387	0.610	ug/l #	82
17) Carbon Disulfide	2.520	76	698	0.200	ug/l #	74
27) cis-1,2-Dichloroethene	4.501	96	416	0.280	ug/l	85
31) Cyclohexane	5.550	56	2503	1.091	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	9226	4.867	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12494	6.285	ug/l #	16
39) Methylcyclohexane	7.123	83	634	0.273	ug/l #	1
44) Trichloroethene	7.129	130	58117	35.033	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1005	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39840	25.282	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39840	77.078	ug/l #	3
95) Naphthalene	13.780	128	1056	0.200	ug/l #	87

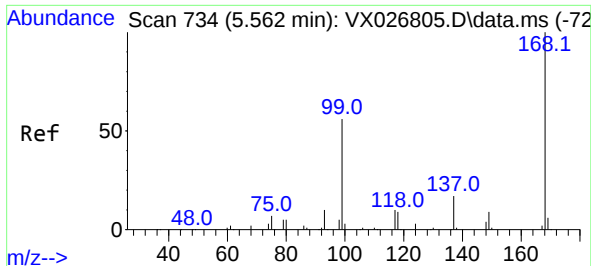
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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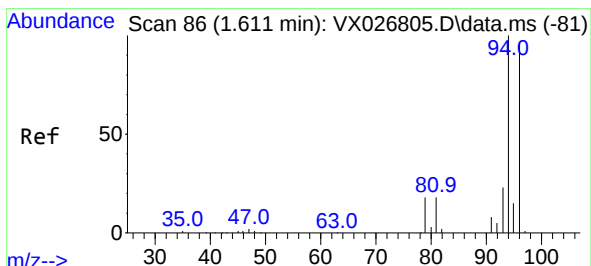
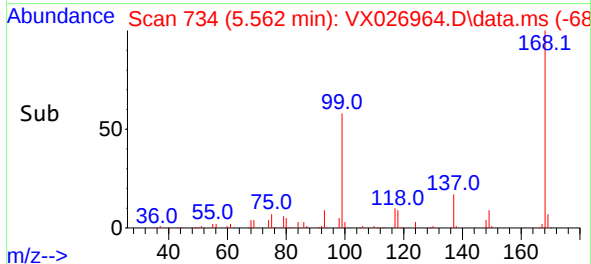
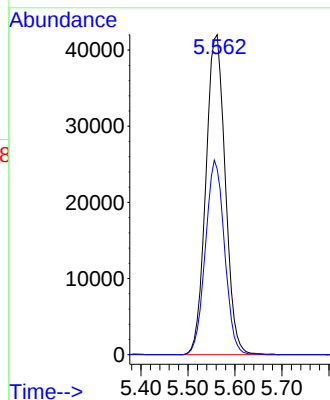
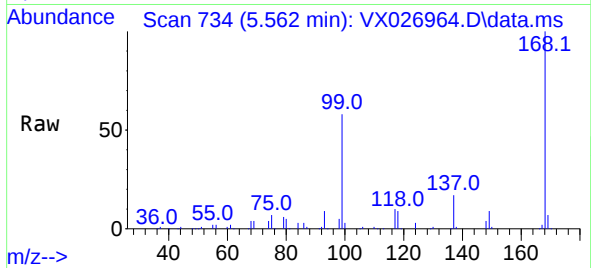




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

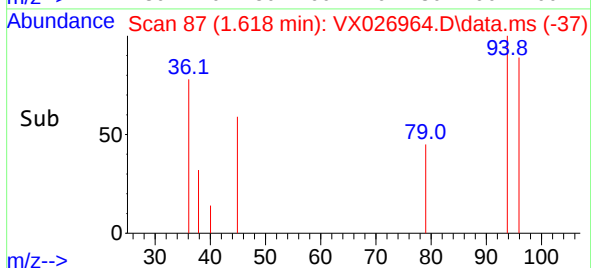
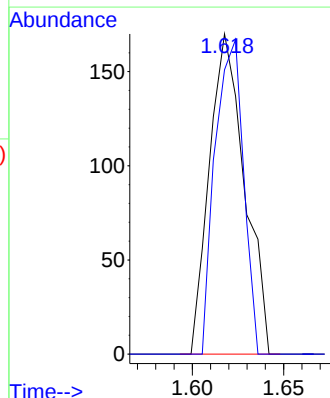
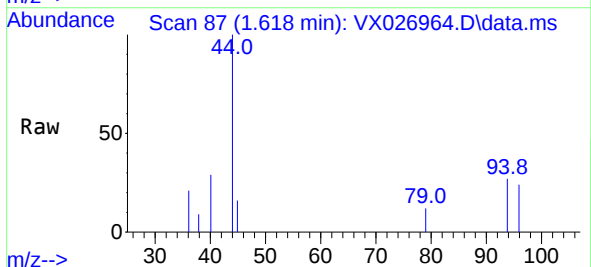
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

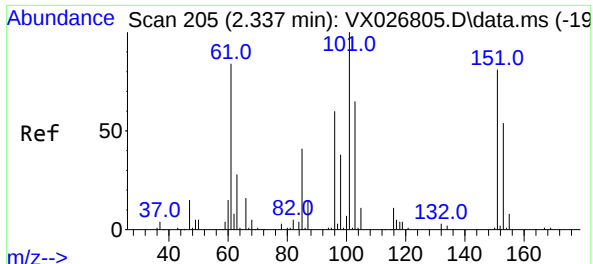
Tgt Ion:168 Resp: 120284
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#5
Bromomethane
Concen: 0.422 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 88.8 75.9 113.9

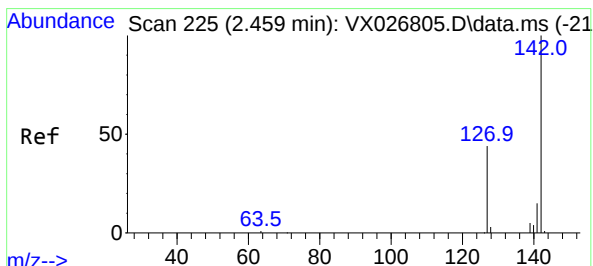
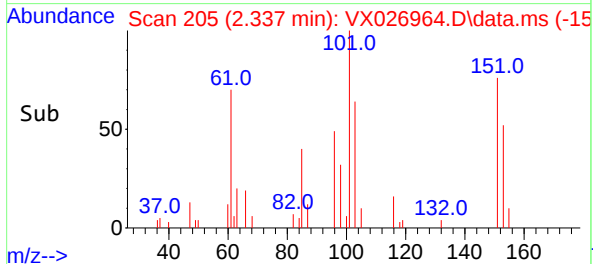
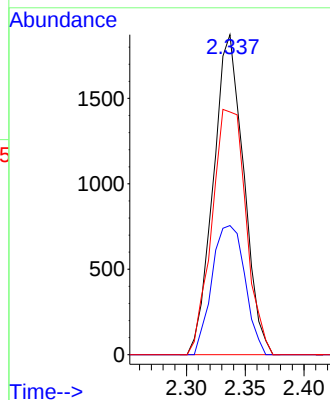
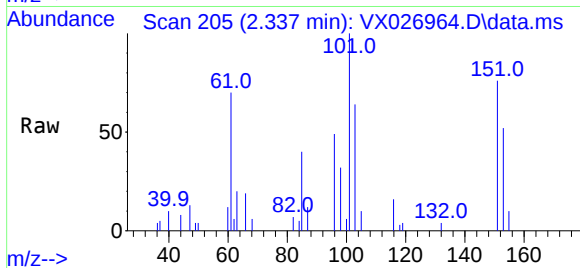




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.744 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

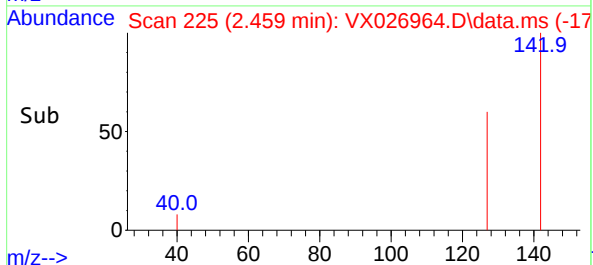
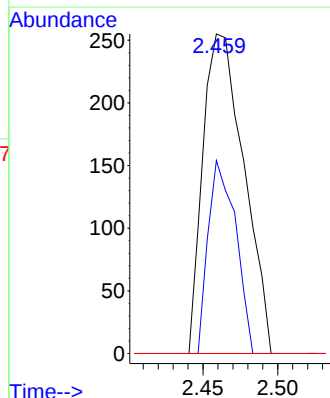
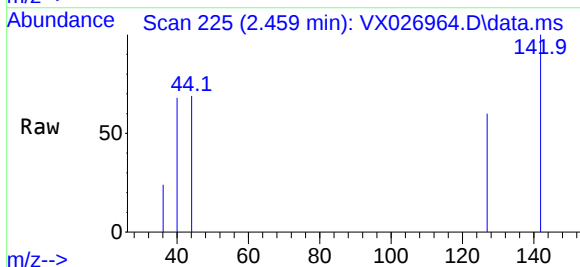
Instrument :
MSVOA_X
ClientSampleId :
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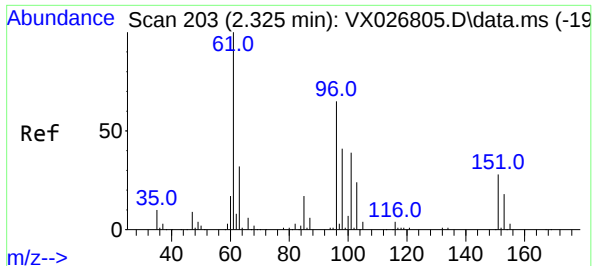
Tgt Ion:	101	Resp:	3371
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.3	52.9
151	86.0	61.4	92.2



#10
Methyl Iodide
Concen: 2.527 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion:	142	Resp:	487
Ion	Ratio	Lower	Upper
142	100		
127	40.5	38.1	57.1
141	0.0	11.2	16.8

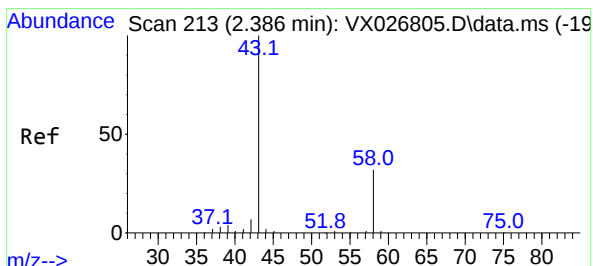
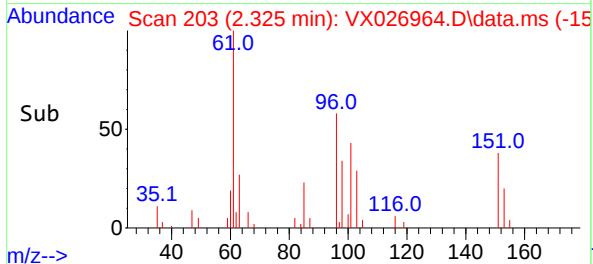
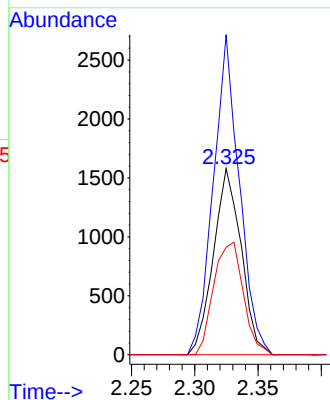
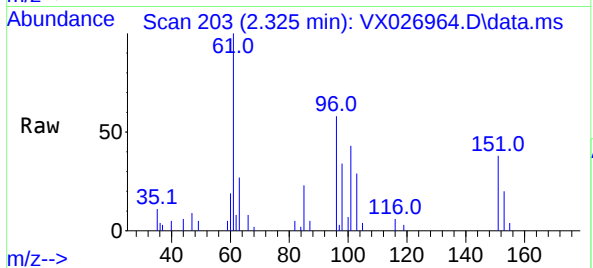




#12
1,1-Dichloroethene
Concen: 1.957 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

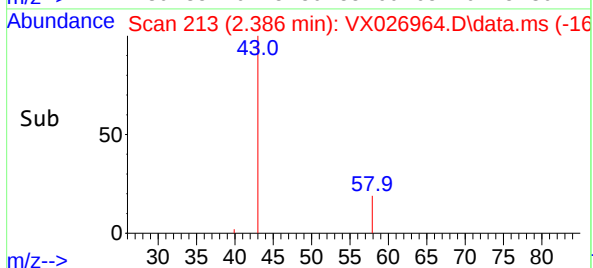
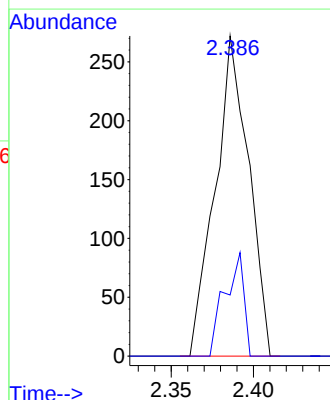
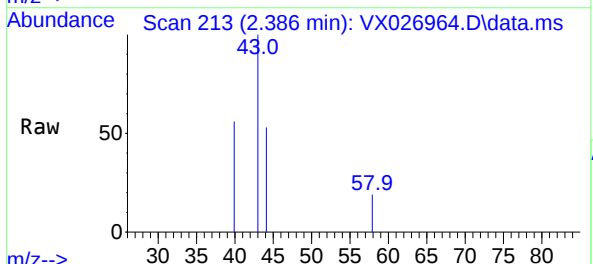
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

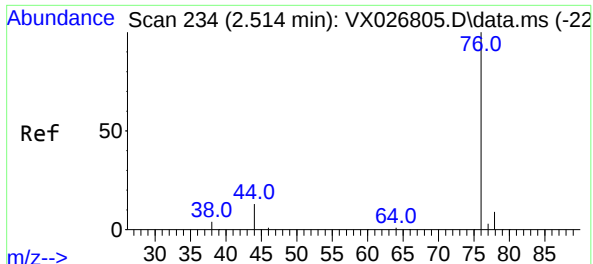
Tgt Ion: 96 Resp: 2409
Ion Ratio Lower Upper
96 100
61 171.9 138.5 207.7
98 57.7 51.8 77.6



#16
Acetone
Concen: 0.610 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 19.1 23.0 34.6#

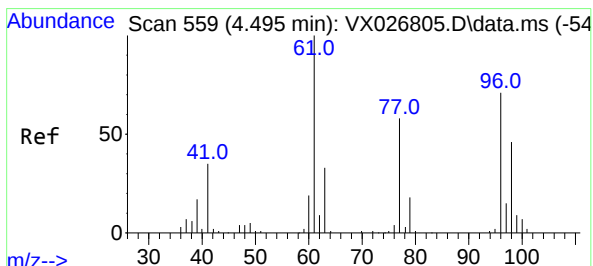
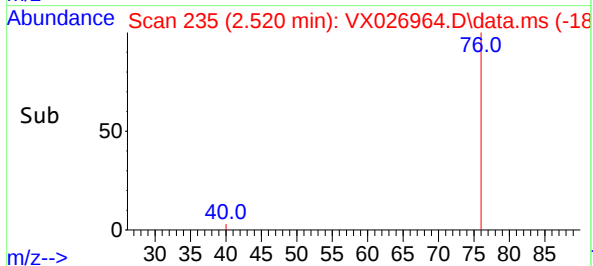
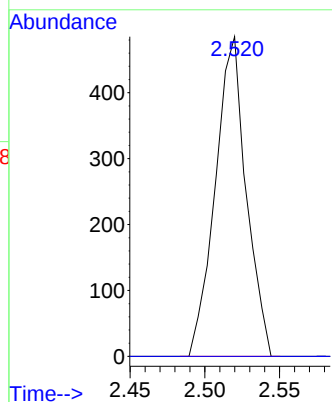
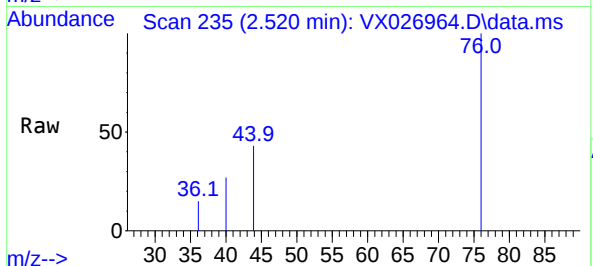




#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

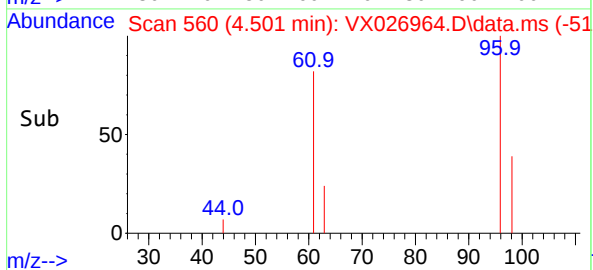
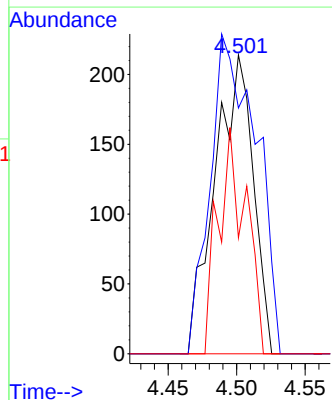
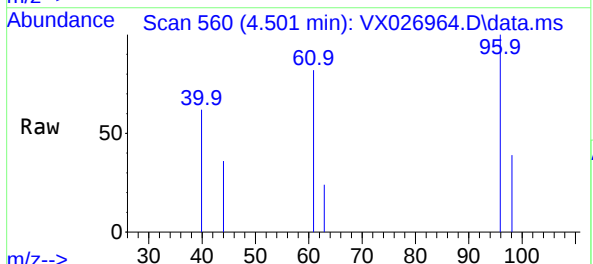
Instrument :
MSVOA_X
ClientSampleId :
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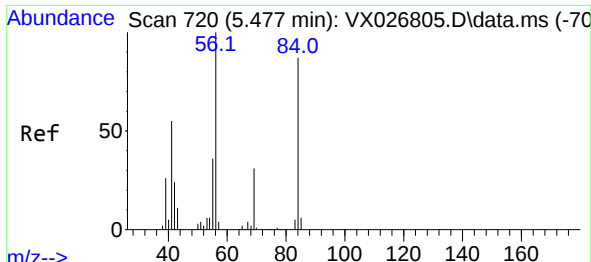
Tgt Ion: 76 Resp: 698
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#27
cis-1,2-Dichloroethene
Concen: 0.280 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

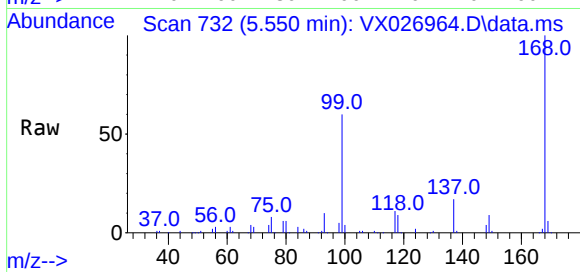
Tgt Ion: 96 Resp: 416
Ion Ratio Lower Upper
96 100
61 128.4 0.0 296.6
98 55.0 0.0 128.8



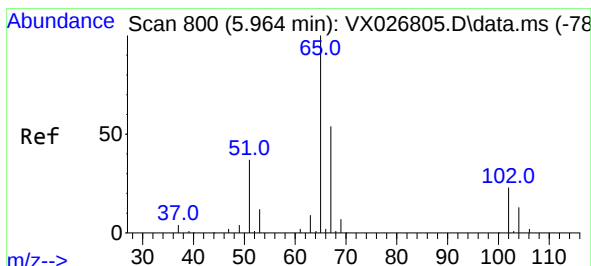
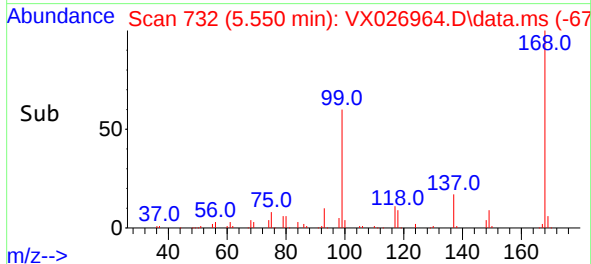
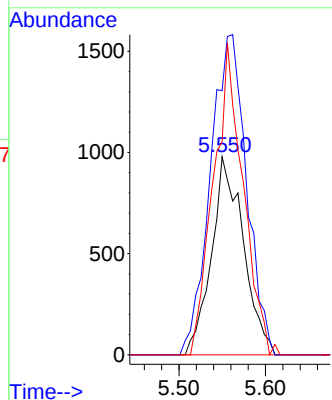


#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

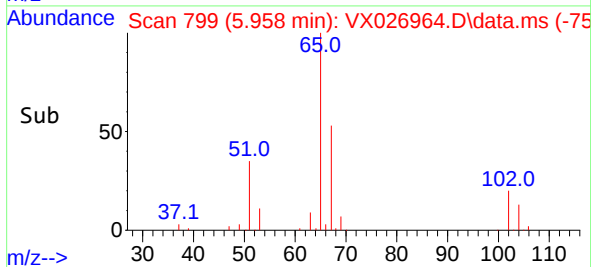
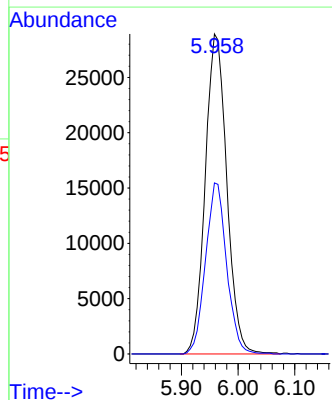
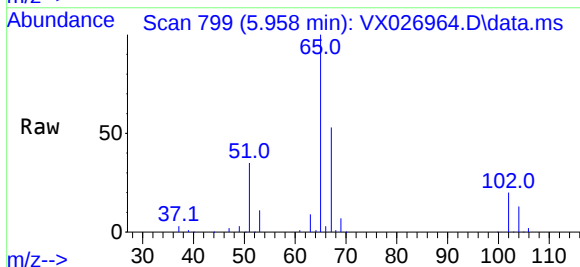


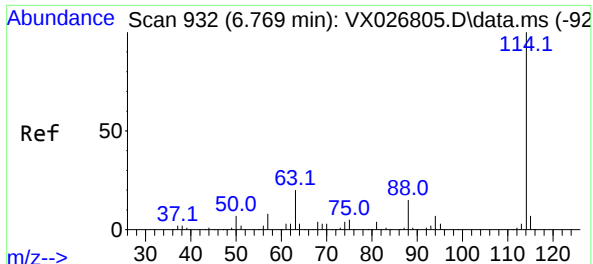
Tgt Ion: 56 Resp: 2503
Ion Ratio Lower Upper
56 100
69 133.4 25.8 38.6#
84 107.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.875 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 65 Resp: 76345
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.8

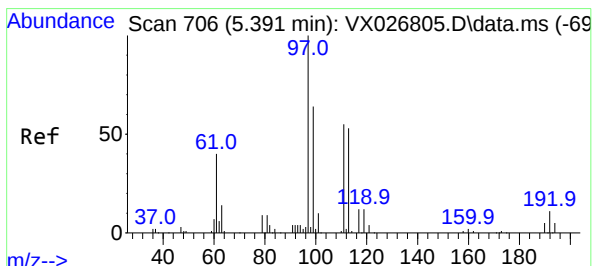
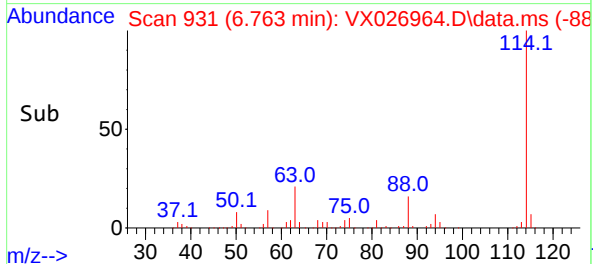
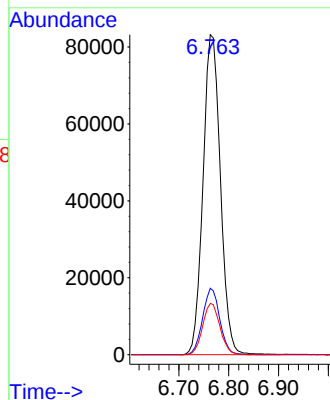
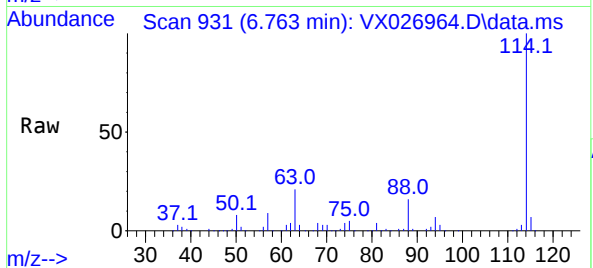




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

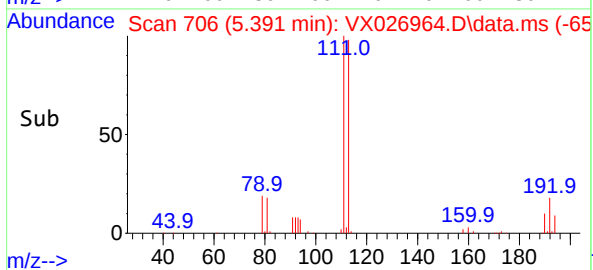
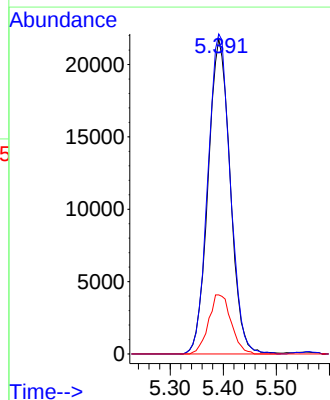
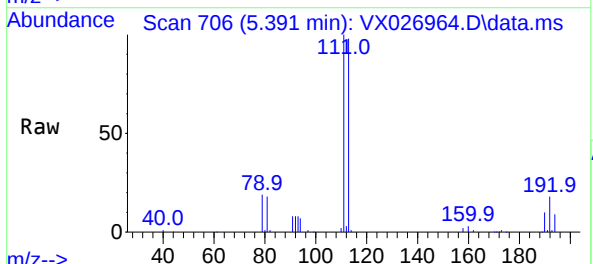
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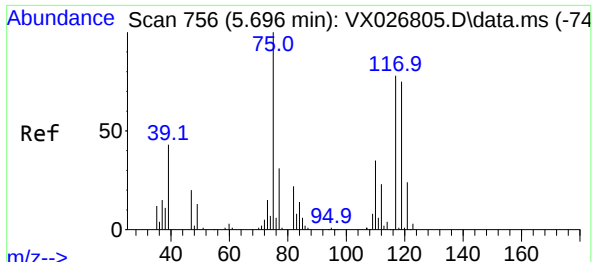
Tgt Ion:114 Resp: 201695
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.375 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion:113 Resp: 62937
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.1 15.0 22.4

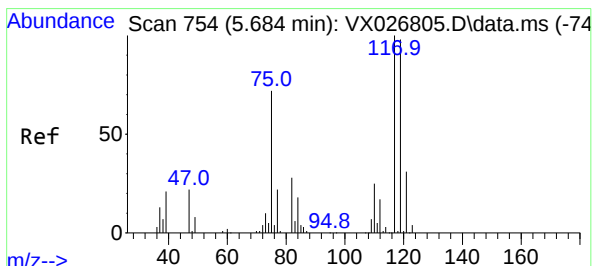
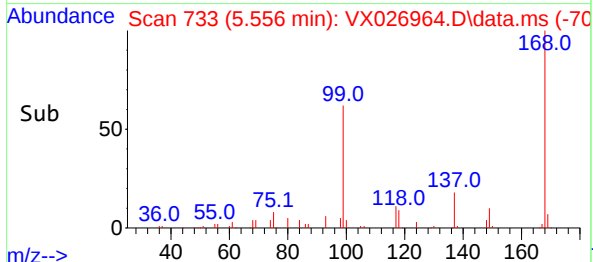
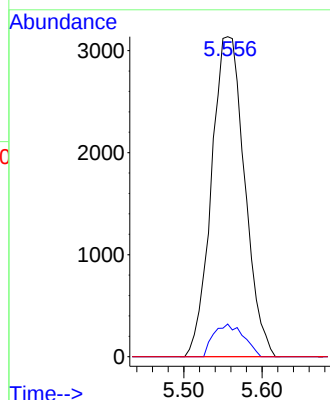
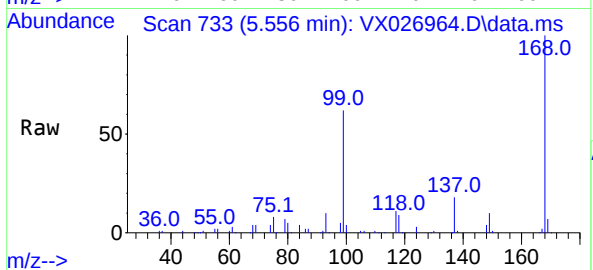




#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

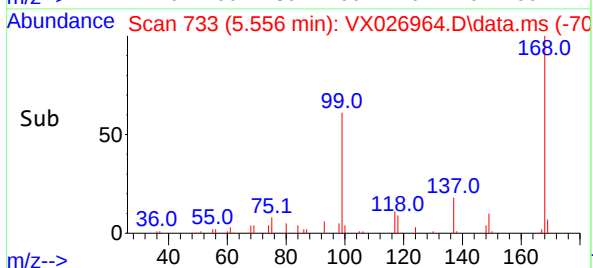
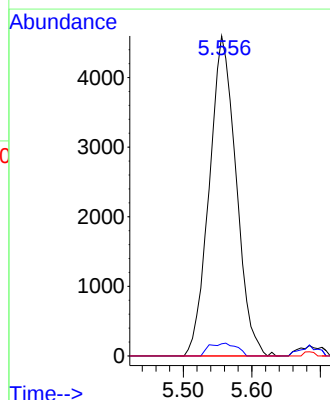
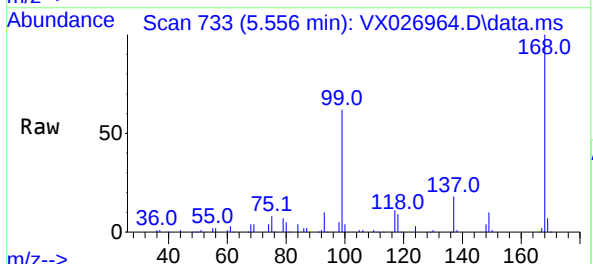
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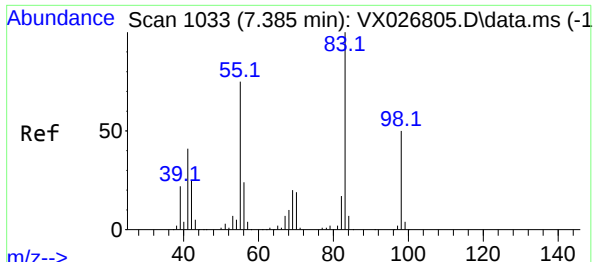
Tgt Ion: 75 Resp: 9226
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 117 Resp: 12494
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#

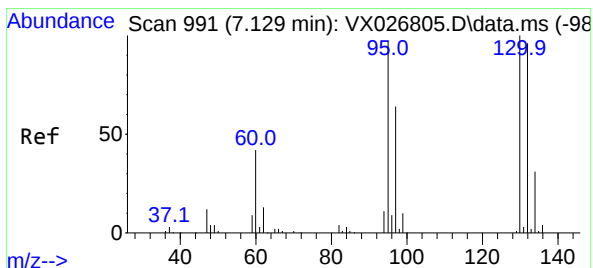
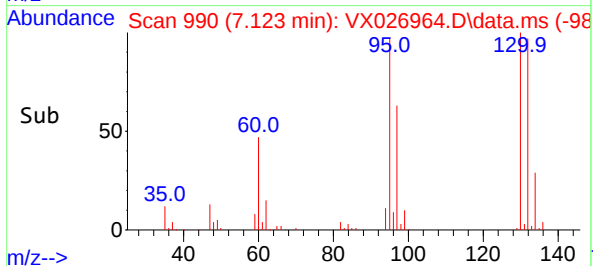
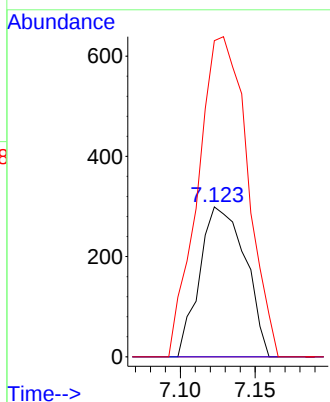
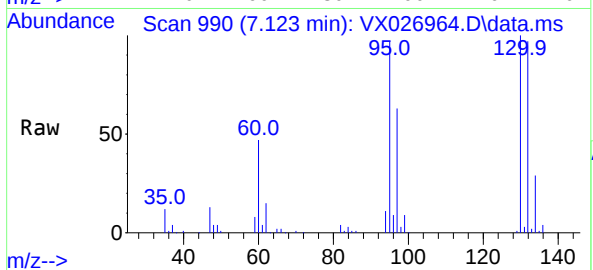




#39
Methylcyclohexane
Concen: 0.273 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.262 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

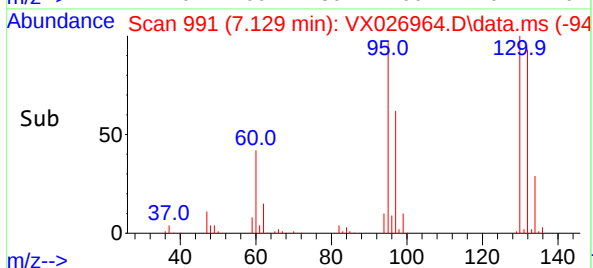
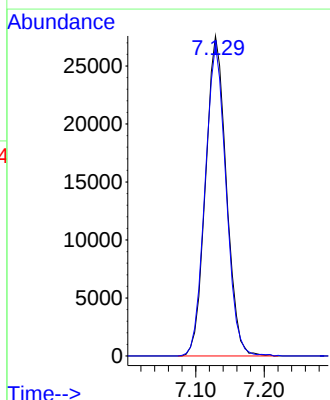
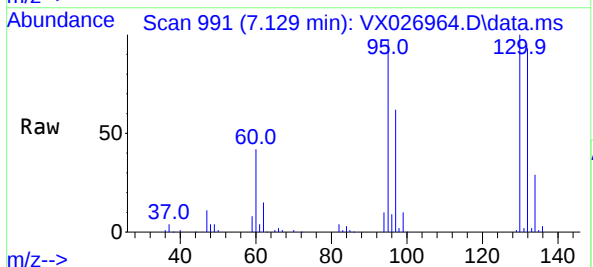
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

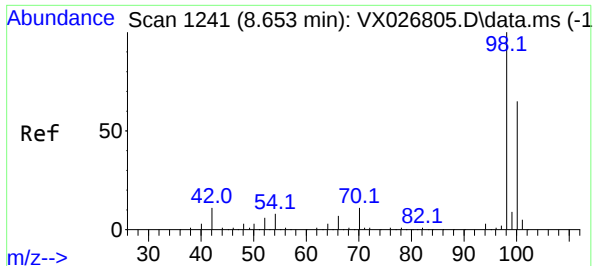
Tgt Ion: 83 Resp: 634
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 211.0 38.4 57.6#



#44
Trichloroethene
Concen: 35.033 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion:130 Resp: 58117
Ion Ratio Lower Upper
130 100
95 97.4 0.0 202.6

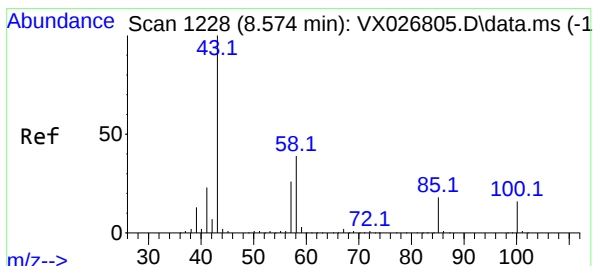
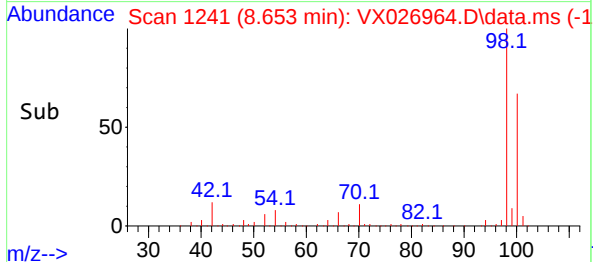
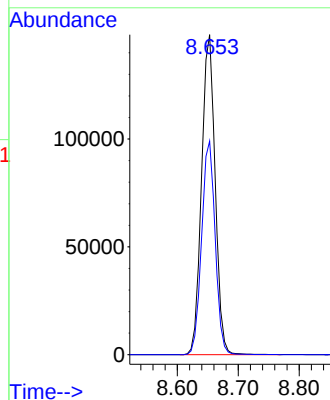
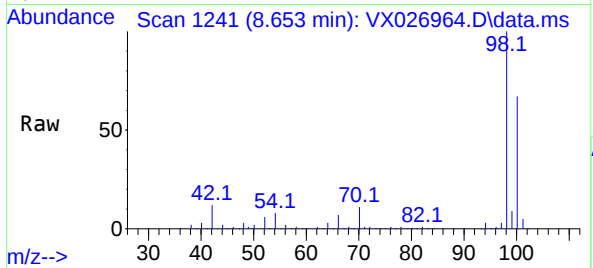




#50
Toluene-d8
Concen: 52.123 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

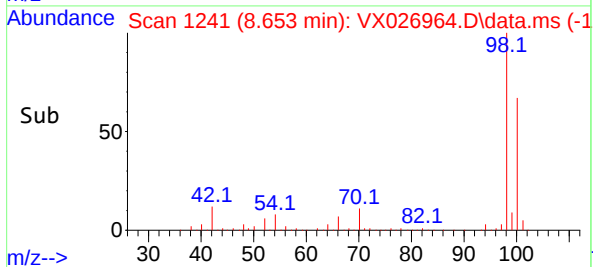
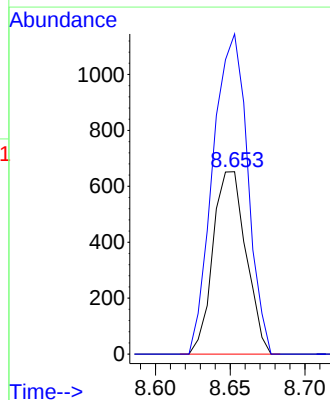
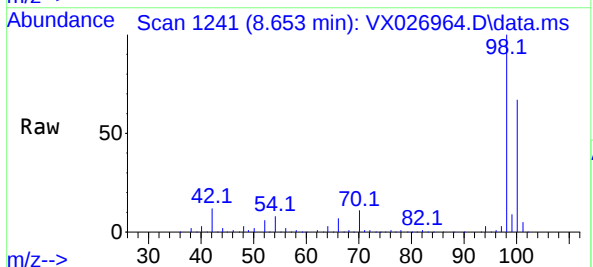
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

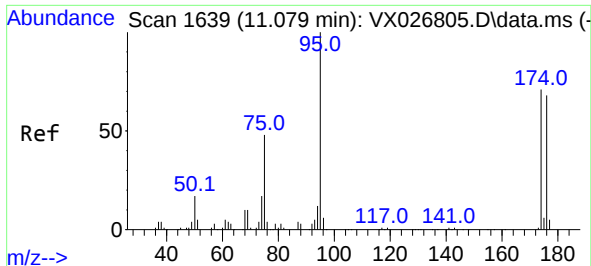
Tgt Ion: 98 Resp: 229913
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 184.0 30.5 45.7#



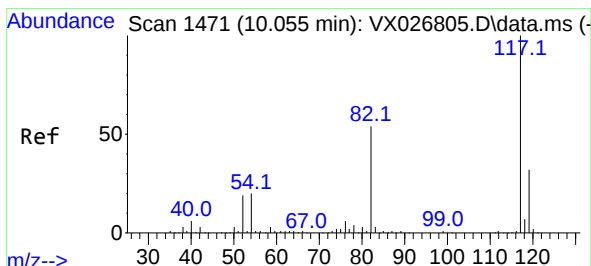
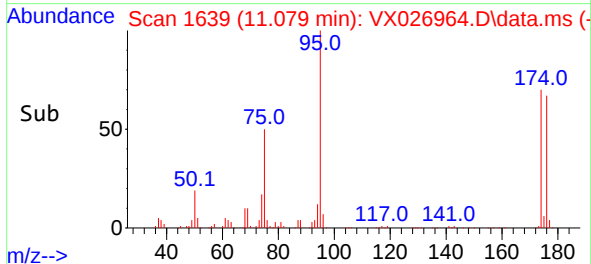
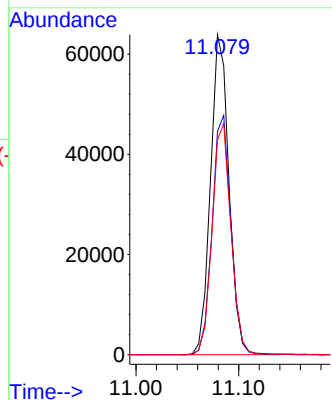
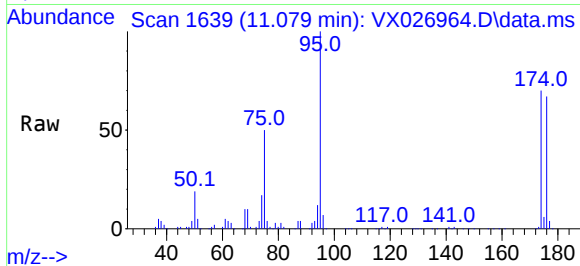


#62
4-Bromofluorobenzene
Concen: 51.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

Tgt Ion: 95 Resp: 79577

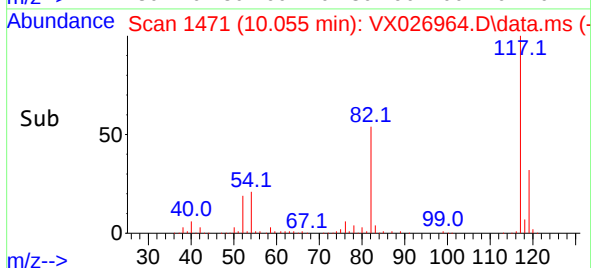
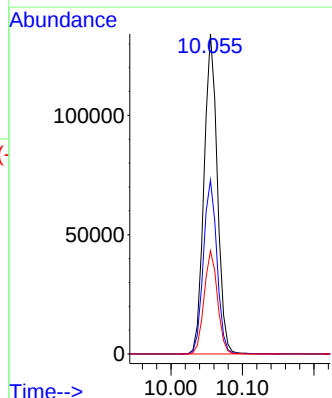
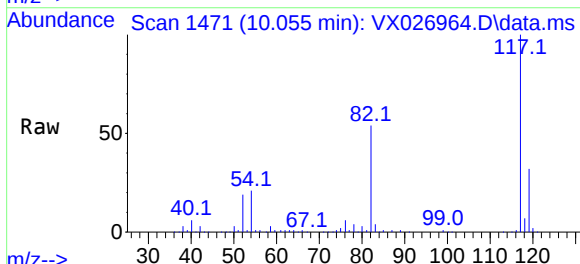
Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	148.6
176	73.4	0.0	141.4

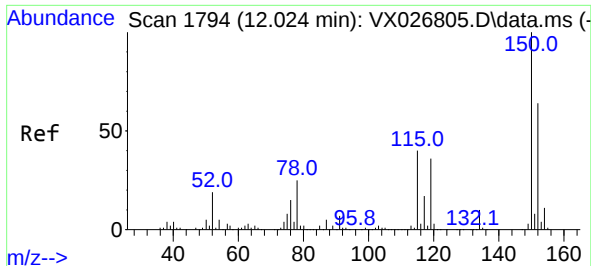


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 117 Resp: 173769

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.2	67.8
119	32.2	26.2	39.2

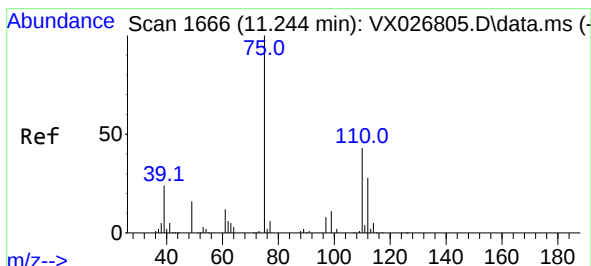
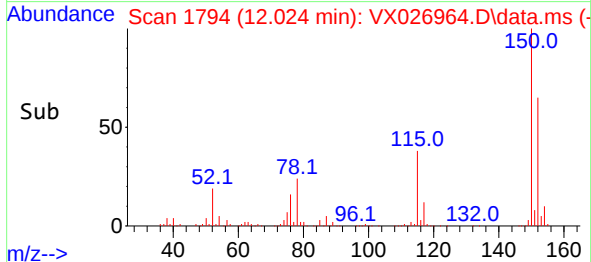
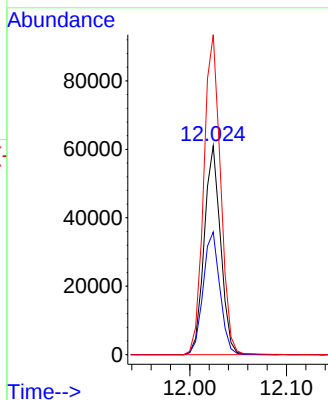
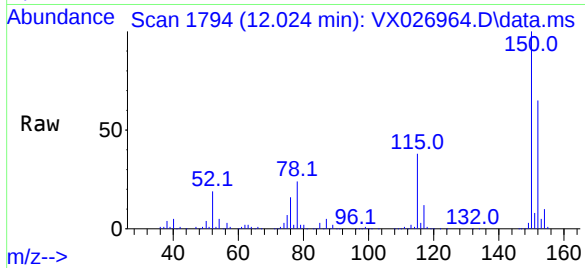




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

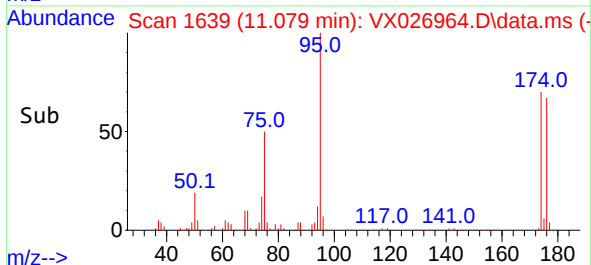
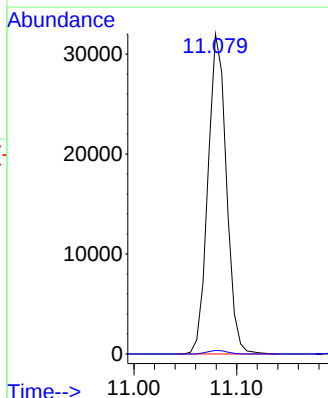
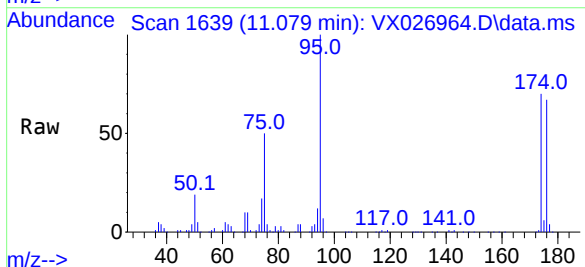
Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

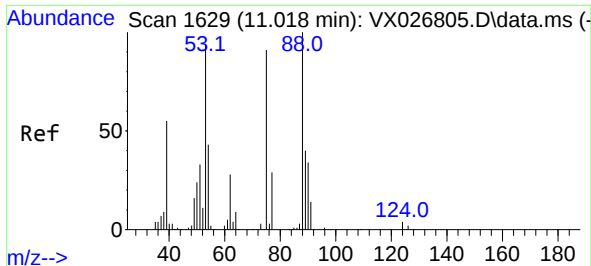
Tgt Ion:152 Resp: 71986
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 157.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion: 75 Resp: 39840
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#

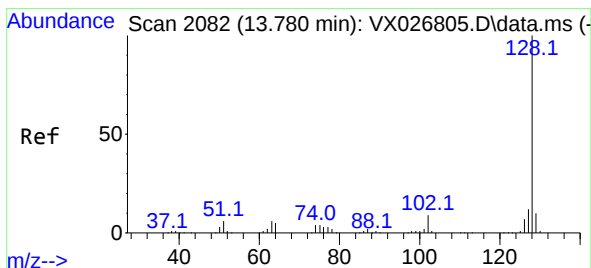
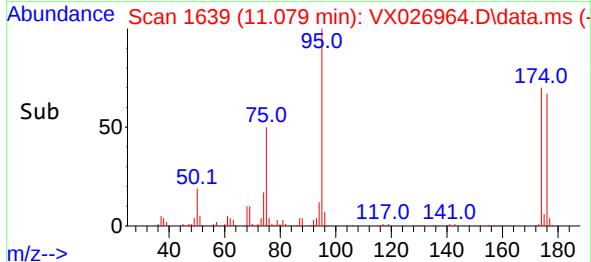
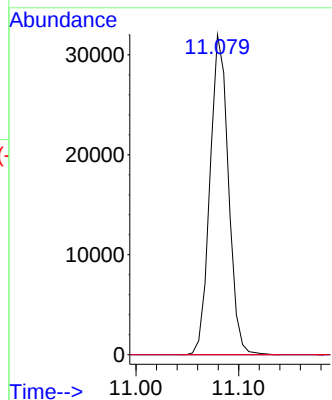
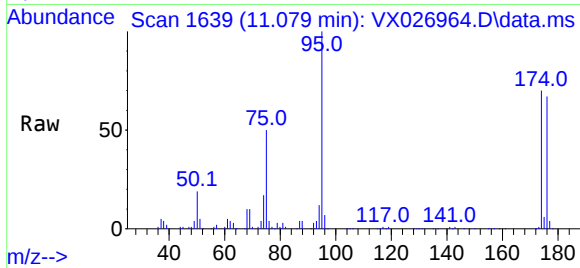




#81
trans-1,4-Dichloro-2-butene
Concen: 77.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
RW7B-GW-20220209DL

Tgt Ion: 75 Resp: 39840
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 0.200 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026964.D
Acq: 11 Feb 2022 14:09

Tgt Ion:128 Resp: 1056
Ion Ratio Lower Upper
128 100
127 8.3 10.3 15.5#
129 5.4 8.7 13.1#

