

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026831.D
 Acq On : 08 Feb 2022 18:42
 Operator : JC/MD
 Sample : N1429-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22-R-S

Quant Time: Feb 09 03:06:09 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)

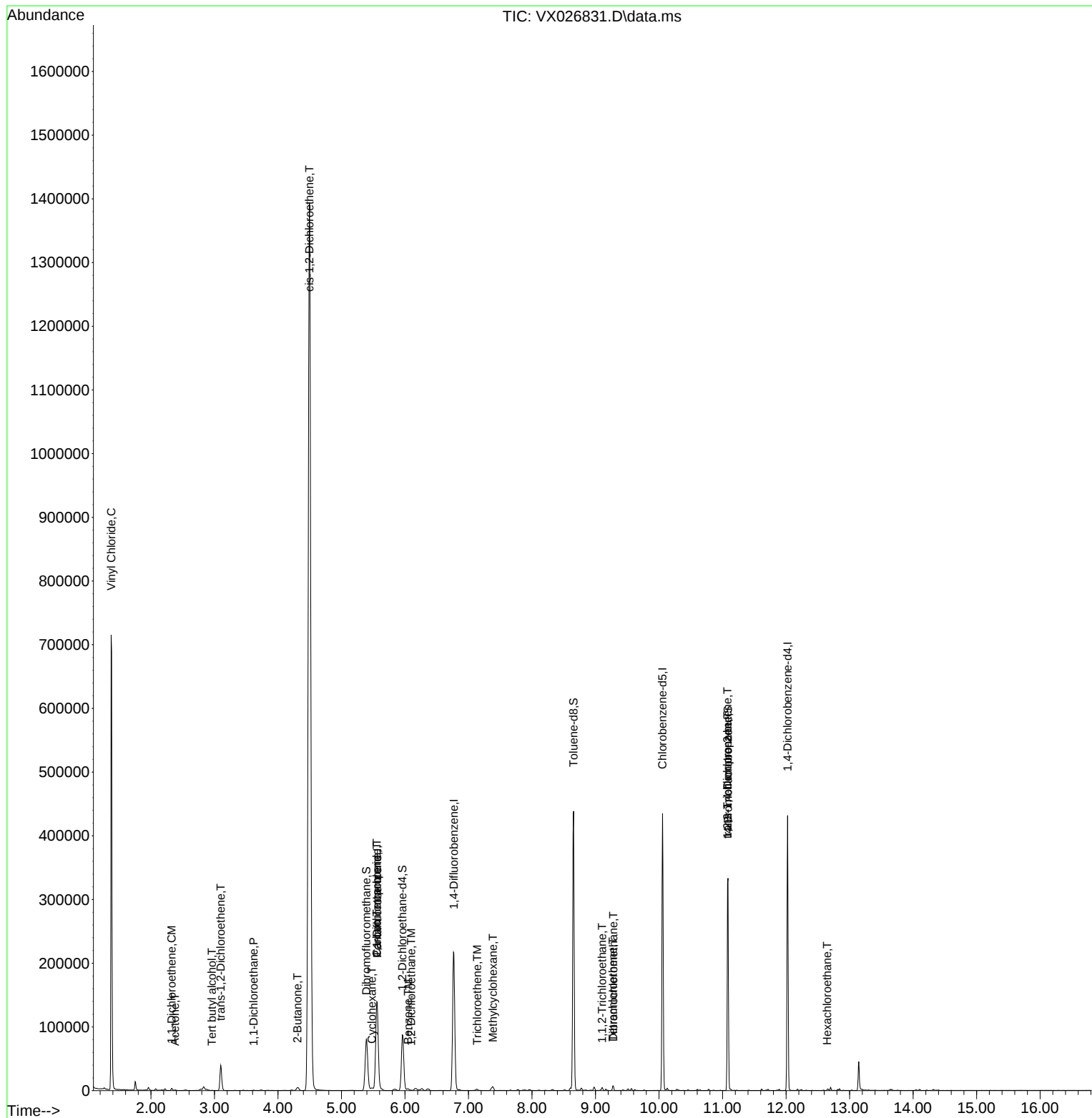
Internal Standards						
1) Pentafluorobenzene	5.562	168	134085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85175	52.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.840%	
35) Dibromofluoromethane	5.391	113	70618	52.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.200%	
50) Toluene-d8	8.653	98	254942	51.735	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.085	95	92846	53.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.040%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	458370	322.835	ug/l	99
11) Tert butyl alcohol	2.959	59	324	1.114	ug/l #	75
12) 1,1-Dichloroethene	2.324	96	1053	0.767	ug/l	95
16) Acetone	2.379	43	1327	1.877	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	14282	9.891	ug/l	97
24) 1,1-Dichloroethane	3.617	63	703	0.265	ug/l #	81
25) 2-Butanone	4.306	43	285	0.250	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	905991	546.452	ug/l	88
31) Cyclohexane	5.476	56	2895	1.132	ug/l	88
36) 1,1-Dichloropropene	5.556	75	10235	4.833	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13526	6.090	ug/l #	16
39) Methylcyclohexane	7.385	83	2491	0.959	ug/l #	87
40) Benzene	6.049	78	3202	0.519	ug/l	98
42) 1,2-Dichloroethane	6.098	62	704	0.324	ug/l #	75
44) Trichloroethene	7.135	130	921	0.497	ug/l	98
55) 1,1,2-Trichloroethane	9.104	97	1636	1.106	ug/l #	19
60) Dibromochloromethane	9.281	129	1417	0.931	ug/l #	11
64) Tetrachloroethene	9.274	164	1524	0.780	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	46206	24.657	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	46206	75.255	ug/l #	3
90) Hexachloroethane	12.646	117	217	0.264	ug/l #	14

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

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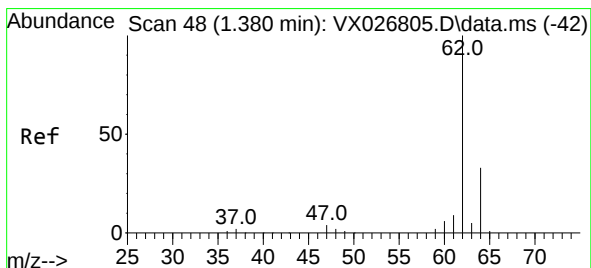
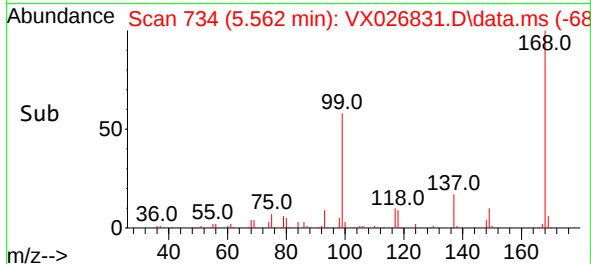
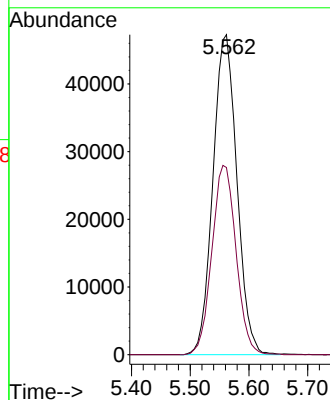
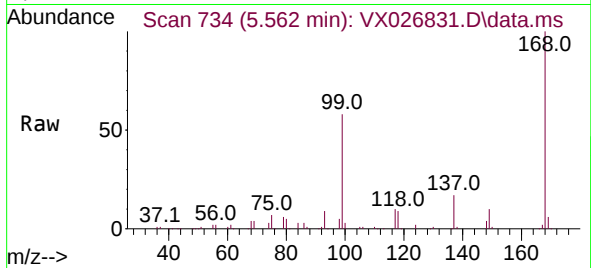




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

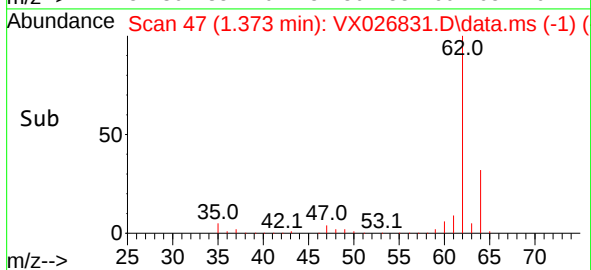
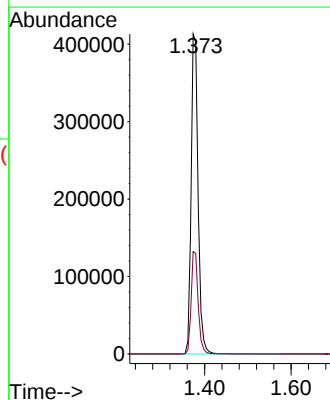
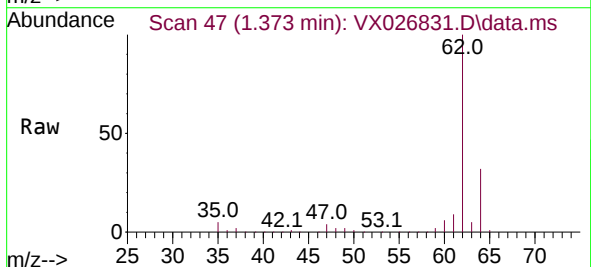
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

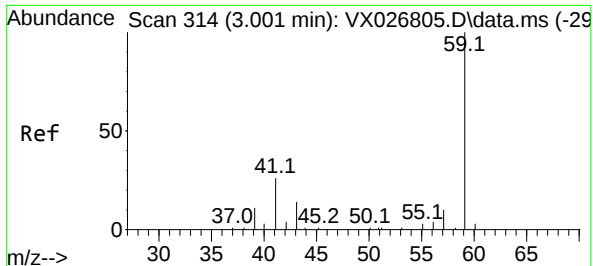
Tgt Ion:168 Resp: 134085
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5



#4
Vinyl Chloride
Concen: 322.835 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 62 Resp: 458370
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#11

Tert butyl alcohol

Concen: 1.114 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.042 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

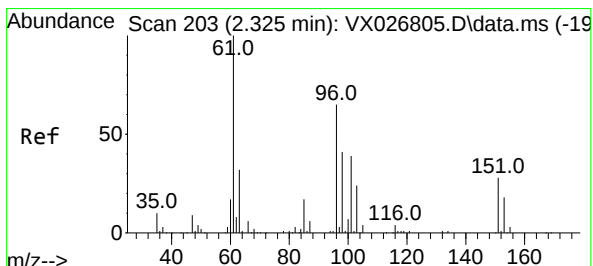
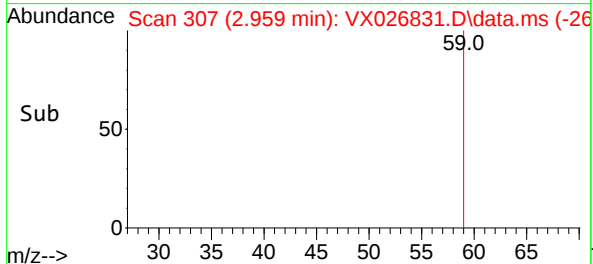
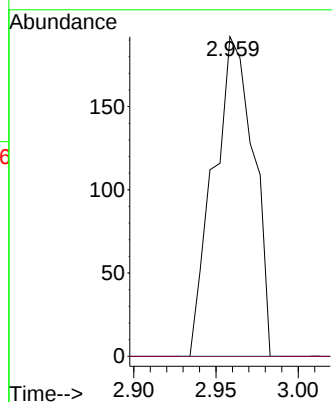
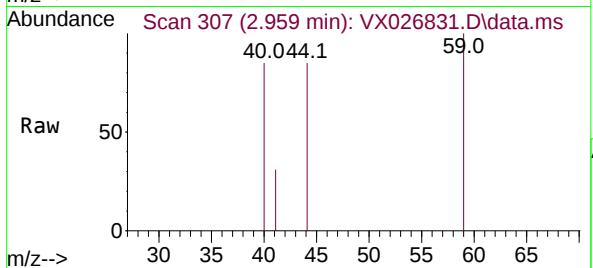
MW-22-R-S

Tgt Ion: 59 Resp: 324

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 0.767 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

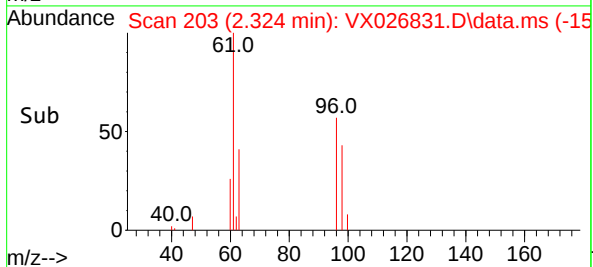
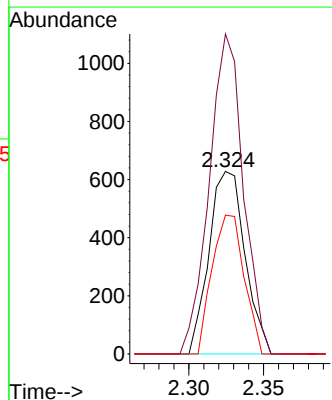
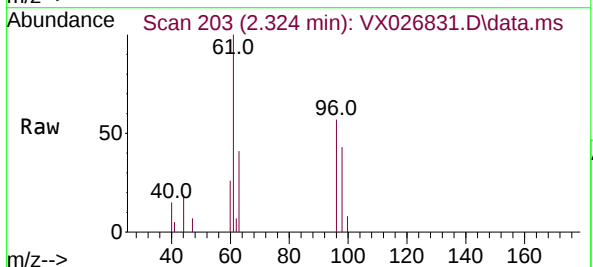
Tgt Ion: 96 Resp: 1053

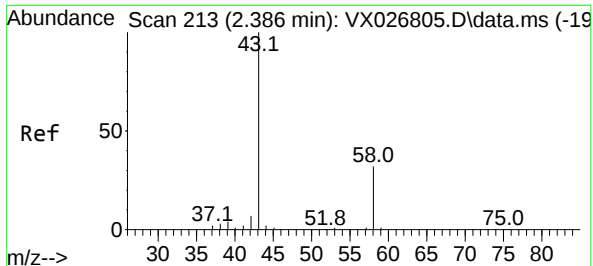
Ion Ratio Lower Upper

96 100

61 175.3 138.5 207.7

98 76.1 51.8 77.6

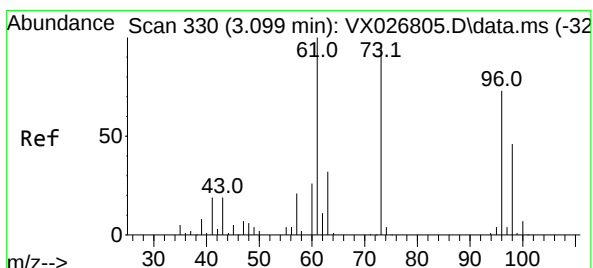
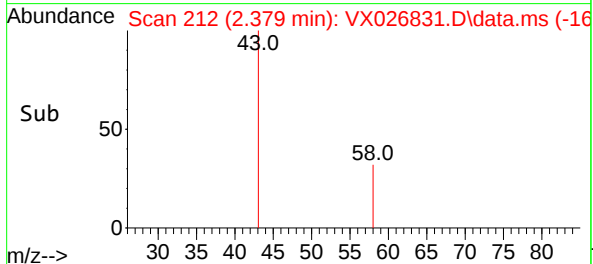
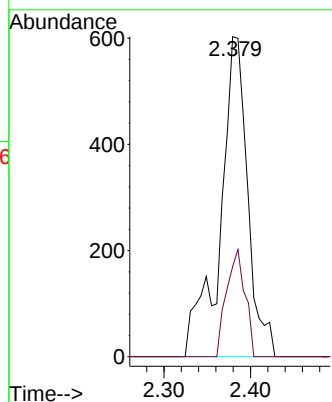
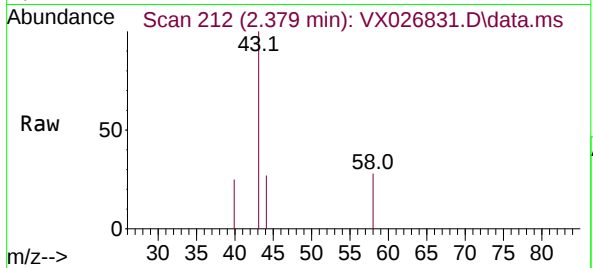




#16
Acetone
Concen: 1.877 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

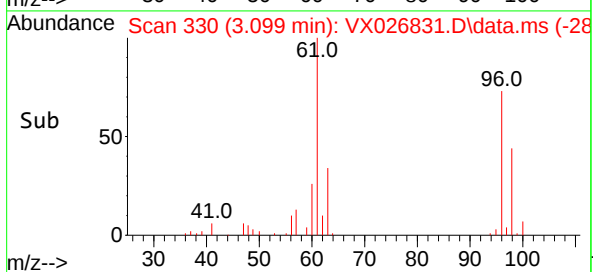
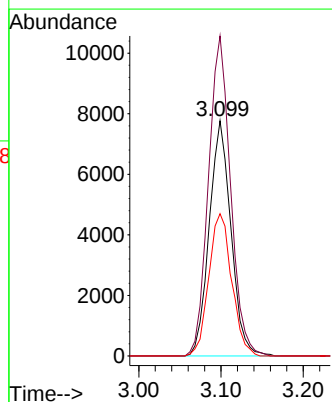
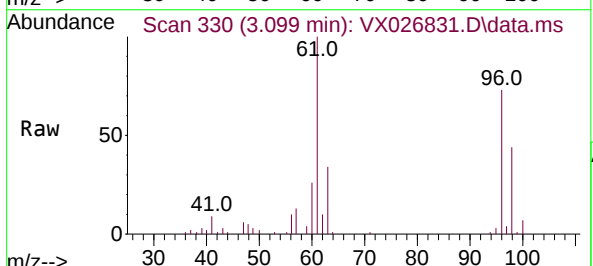
Instrument :
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MW-22-R-S

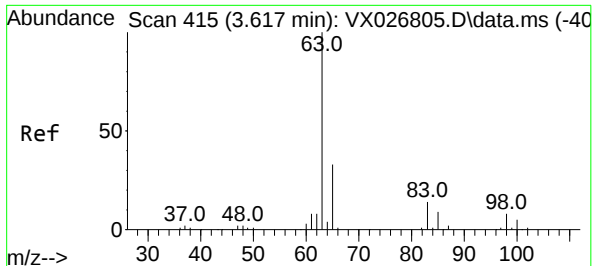
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 28.2 23.0 34.6



#21
trans-1,2-Dichloroethene
Concen: 9.891 ug/l
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 96 Resp: 14282
Ion Ratio Lower Upper
96 100
61 136.1 112.9 169.3
98 60.5 49.5 74.3

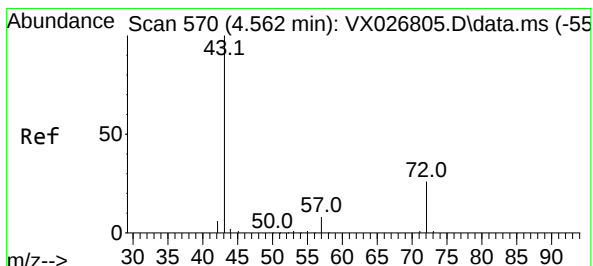
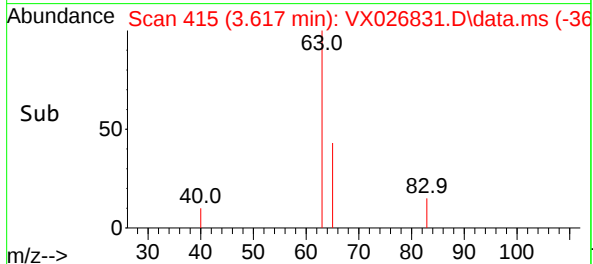
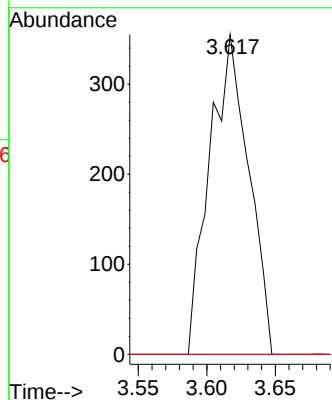
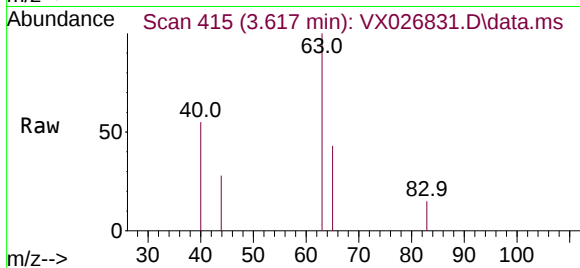




#24
1,1-Dichloroethane
Concen: 0.265 ug/l
RT: 3.617 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

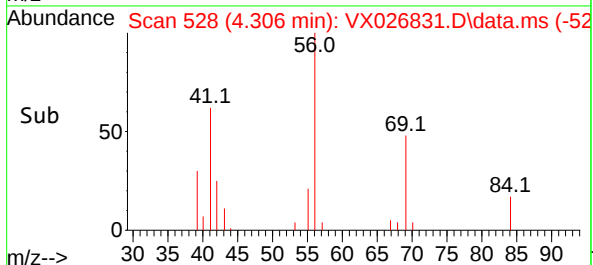
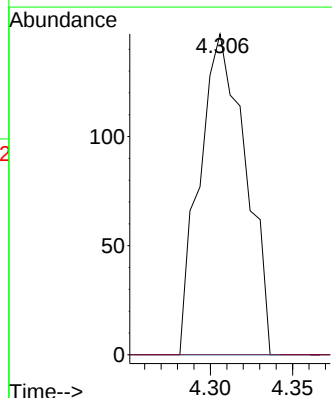
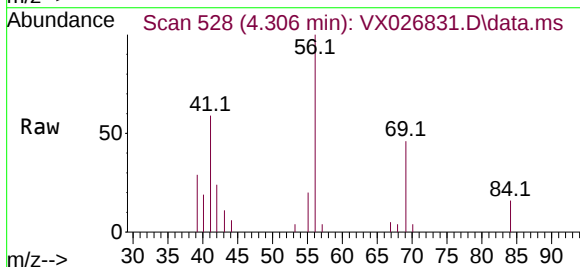
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

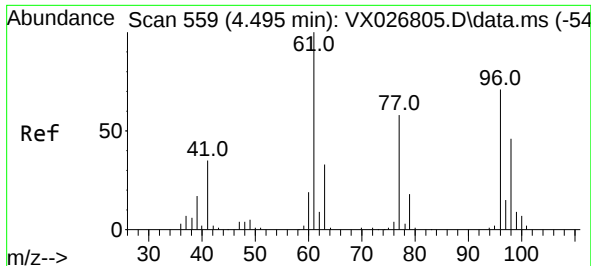
Tgt Ion: 63 Resp: 703
Ion Ratio Lower Upper
63 100
98 0.0 3.7 11.1#
100 0.0 2.4 7.2#



#25
2-Butanone
Concen: 0.250 ug/l
RT: 4.306 min Scan# 528
Delta R.T. -0.256 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#27

cis-1,2-Dichloroethene

Concen: 546.452 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

MW-22-R-S

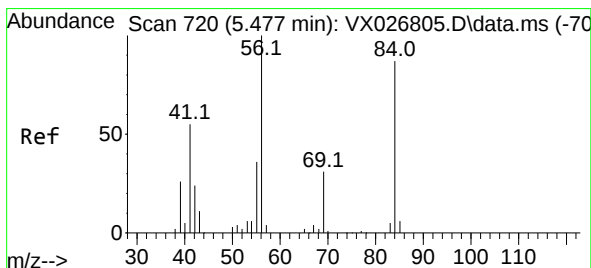
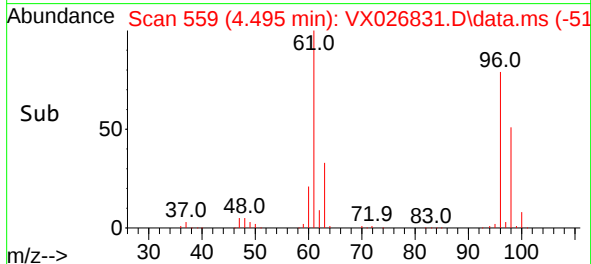
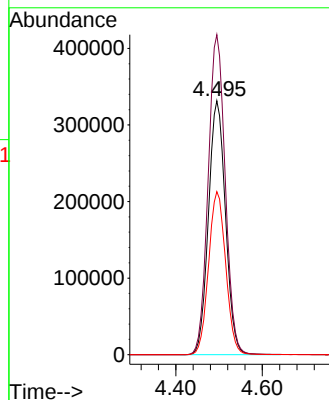
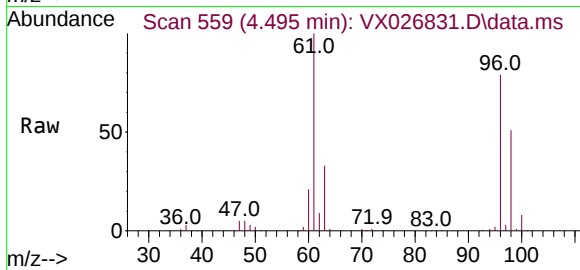
Tgt Ion: 96 Resp: 905991

Ion Ratio Lower Upper

96 100

61 126.3 0.0 296.6

98 64.5 0.0 128.8



#31

Cyclohexane

Concen: 1.132 ug/l

RT: 5.476 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

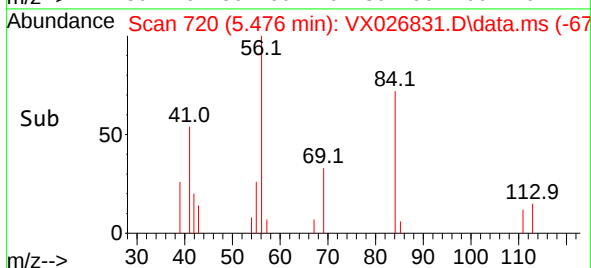
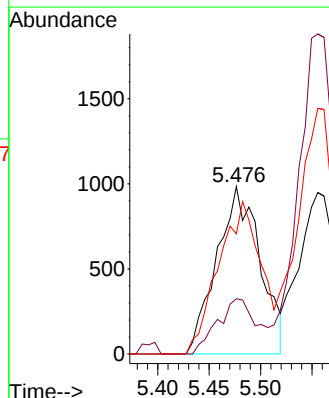
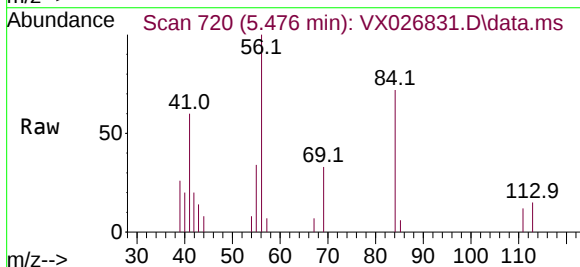
Tgt Ion: 56 Resp: 2895

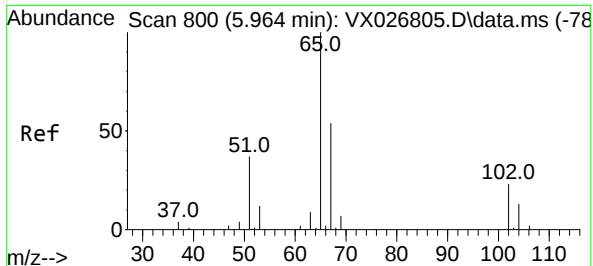
Ion Ratio Lower Upper

56 100

69 33.0 25.8 38.6

84 71.8 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 52.918 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

Instrument :

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ClientSampleId :

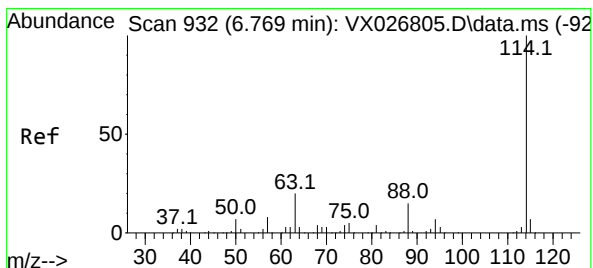
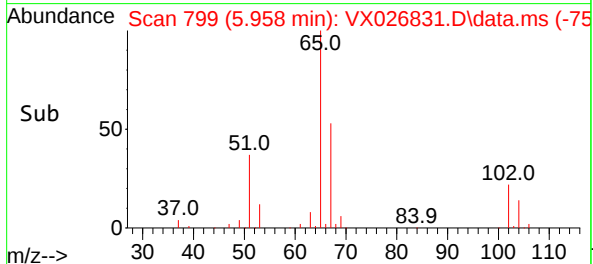
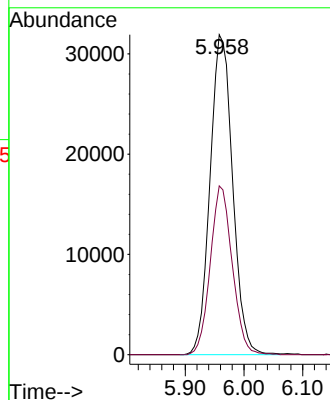
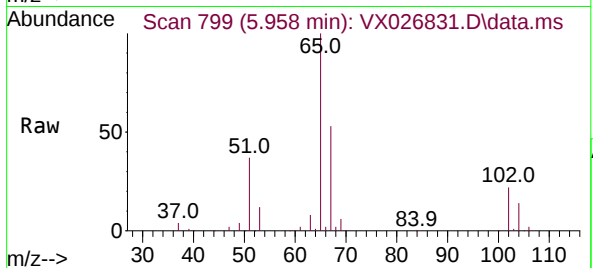
MW-22-R-S

Tgt Ion: 65 Resp: 85175

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

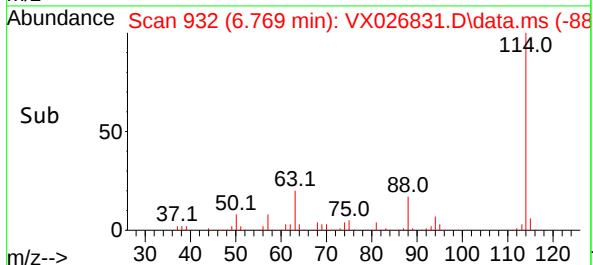
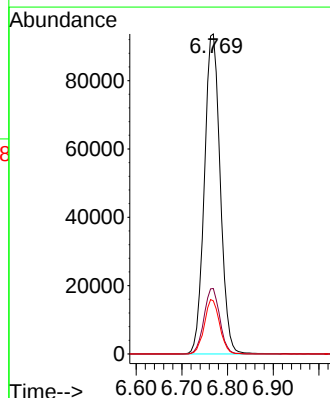
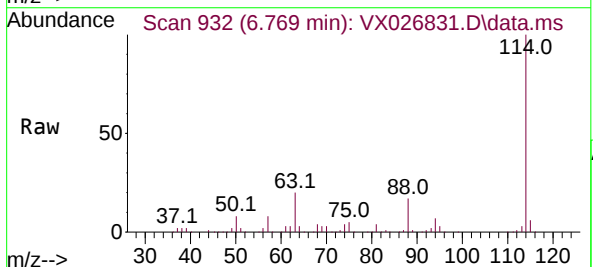
Tgt Ion: 114 Resp: 225331

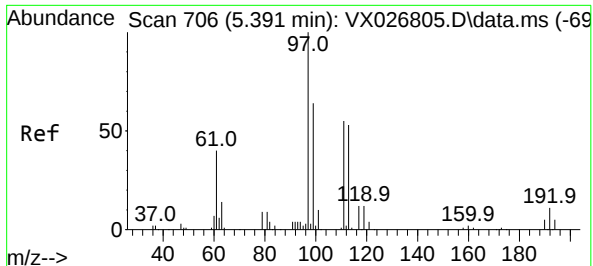
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.6 0.0 33.0

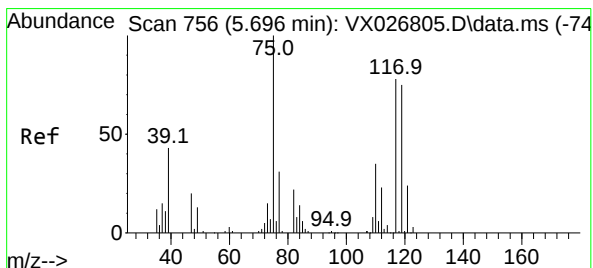
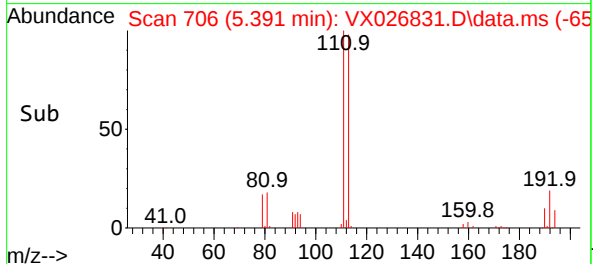
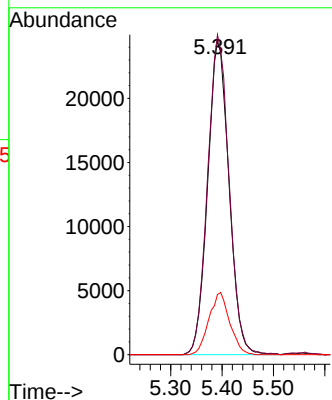
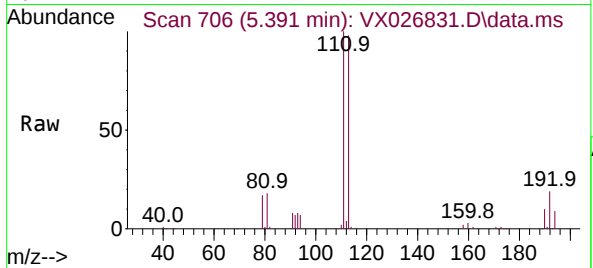




#35
Dibromofluoromethane
Concen: 52.603 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

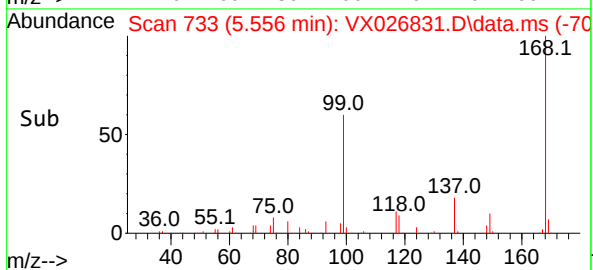
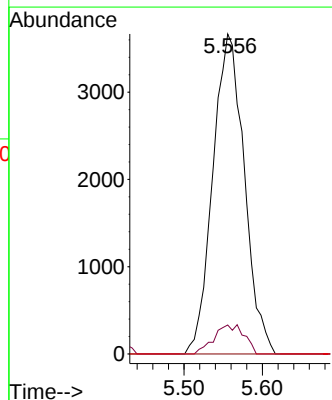
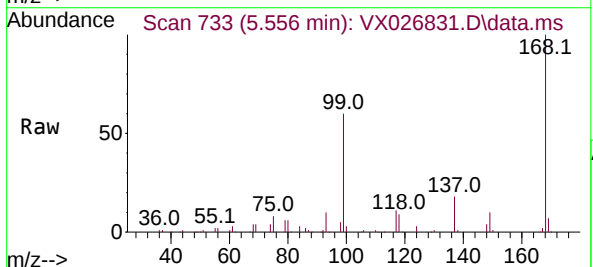
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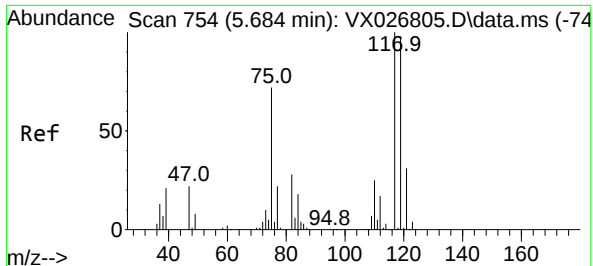
Tgt Ion:113 Resp: 70618
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

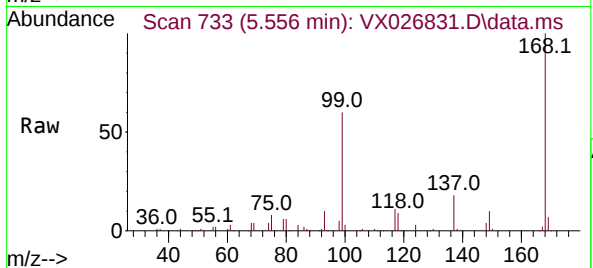
Tgt Ion: 75 Resp: 10235
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



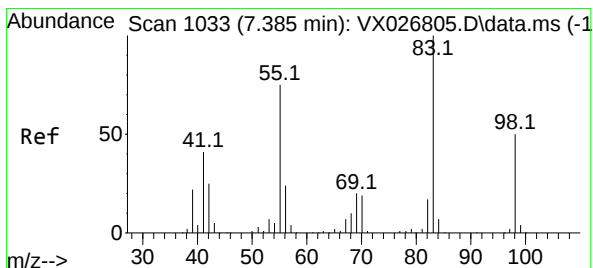
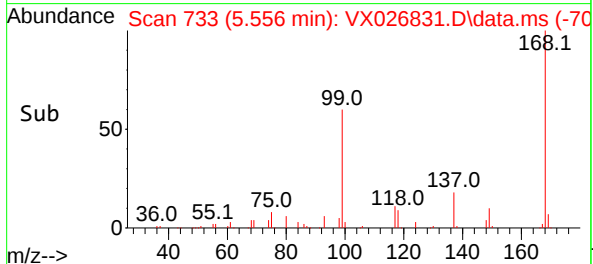
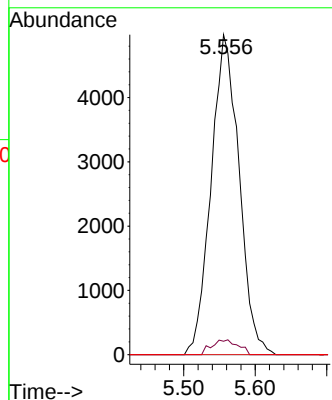


#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

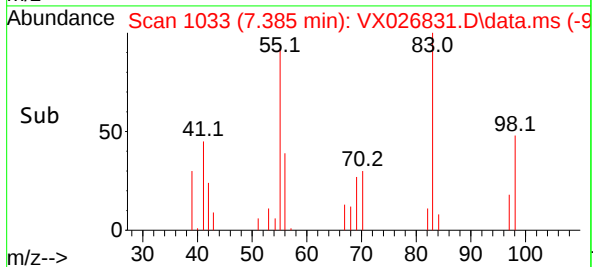
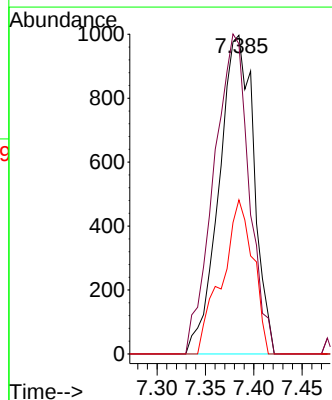
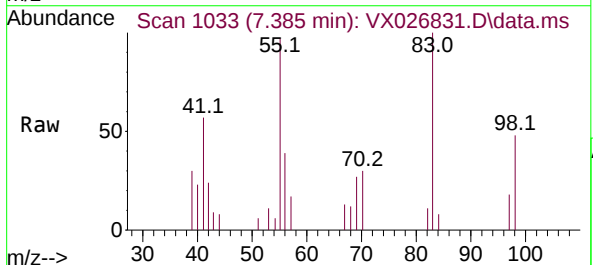


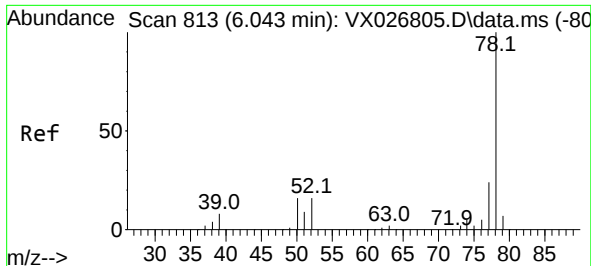
Tgt Ion:117 Resp: 13526
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#39
Methylcyclohexane
Concen: 0.959 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 83 Resp: 2491
Ion Ratio Lower Upper
83 100
55 97.3 63.6 95.4#
98 48.3 38.4 57.6





#40

Benzene

Concen: 0.519 ug/l

RT: 6.049 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

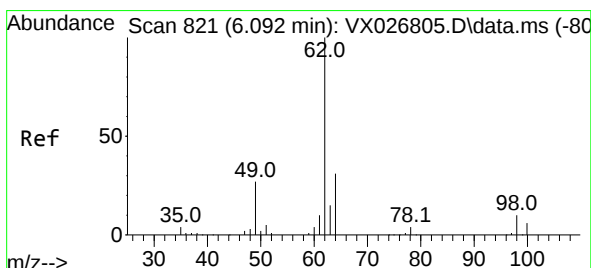
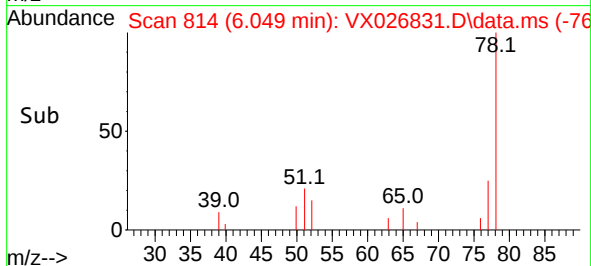
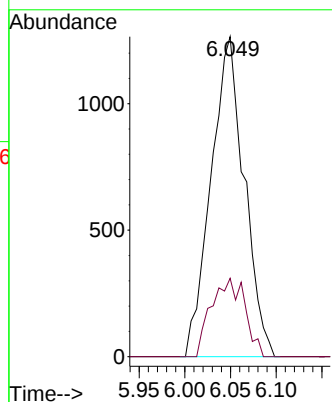
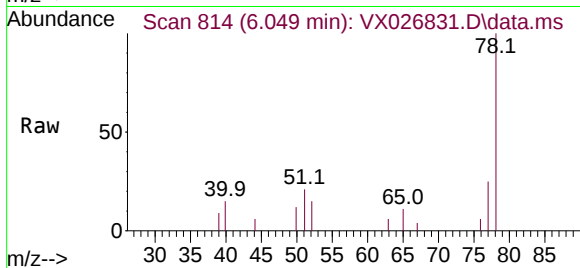
MW-22-R-S

Tgt Ion: 78 Resp: 3202

Ion Ratio Lower Upper

78 100

77 24.5 18.9 28.3



#42

1,2-Dichloroethane

Concen: 0.324 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX026831.D

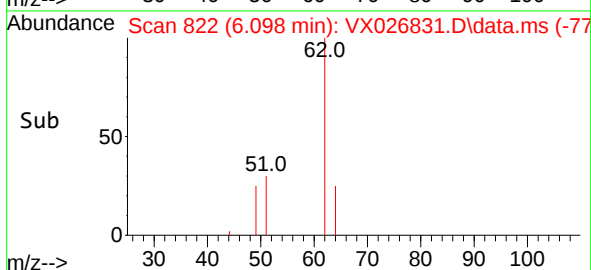
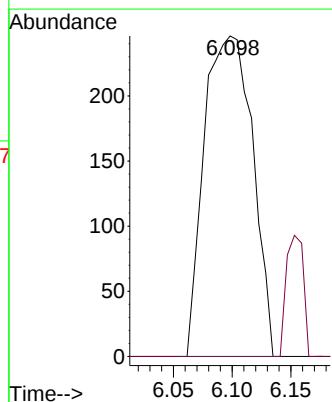
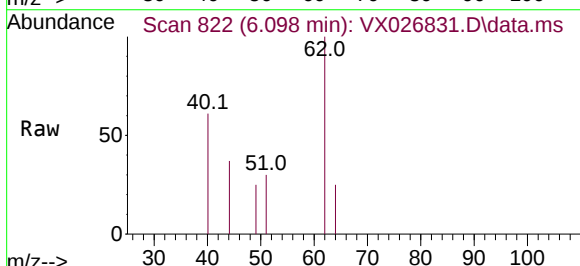
Acq: 08 Feb 2022 18:42

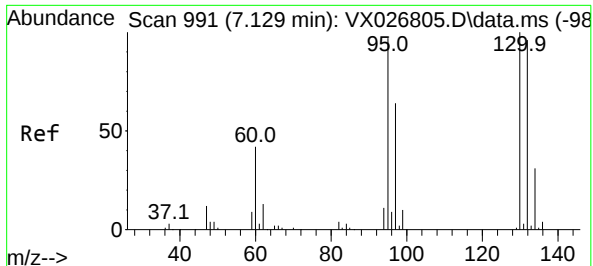
Tgt Ion: 62 Resp: 704

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8

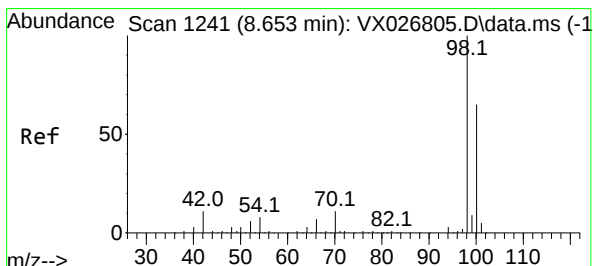
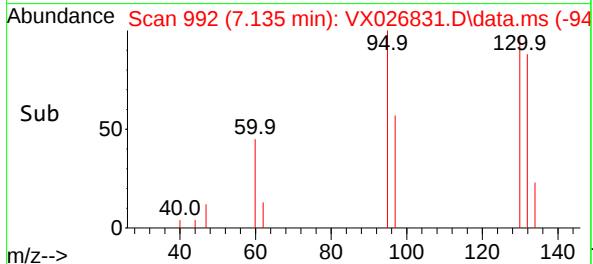
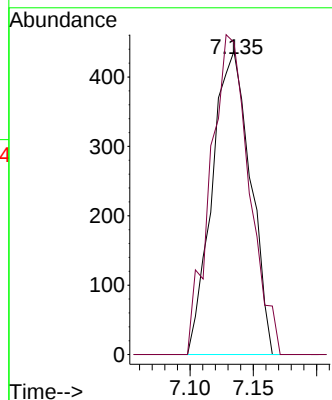
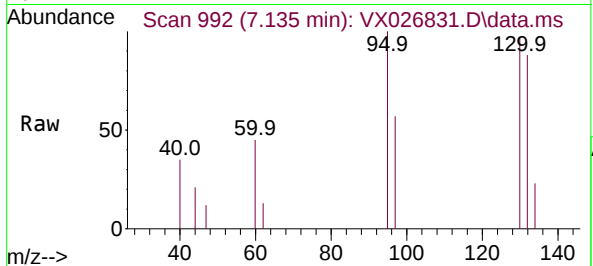




#44
Trichloroethene
Concen: 0.497 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

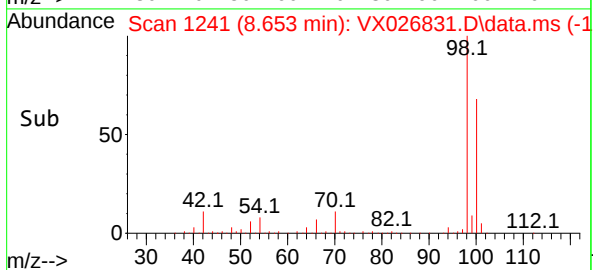
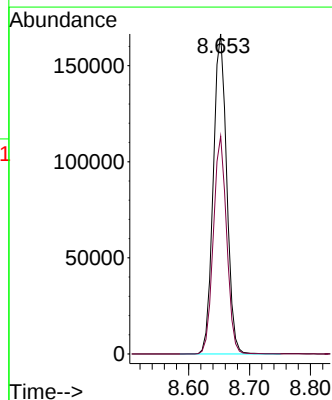
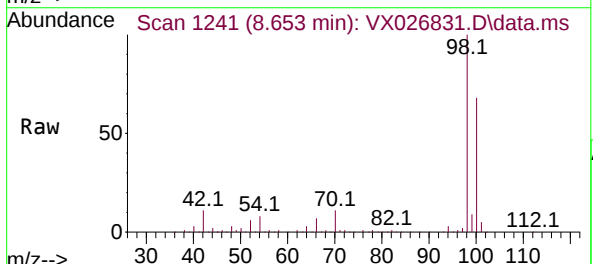
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

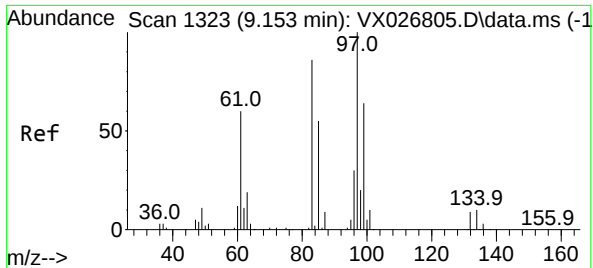
Tgt Ion:130 Resp: 921
Ion Ratio Lower Upper
130 100
95 103.0 0.0 202.6



#50
Toluene-d8
Concen: 51.735 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 98 Resp: 254942
Ion Ratio Lower Upper
98 100
100 67.2 53.2 79.8





#55

1,1,2-Trichloroethane

Concen: 1.106 ug/l

RT: 9.104 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX026831.D

Acq: 08 Feb 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

MW-22-R-S

Tgt Ion: 97 Resp: 1636

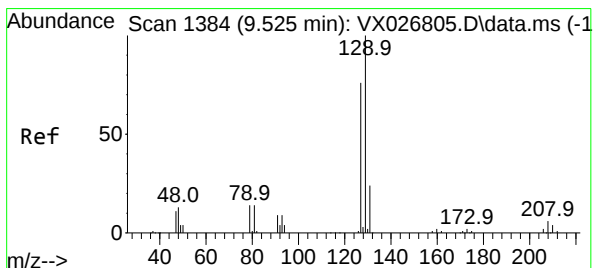
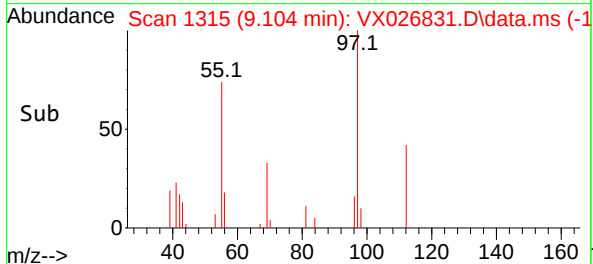
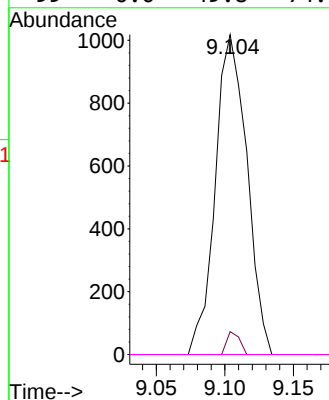
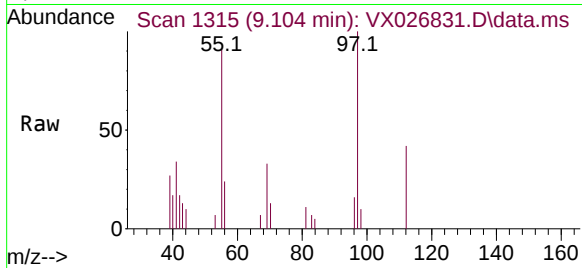
Ion Ratio Lower Upper

97 100

83 7.2 68.4 102.6#

85 0.0 44.0 66.0#

99 0.0 49.8 74.6#



#60

Dibromochloromethane

Concen: 0.931 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX026831.D

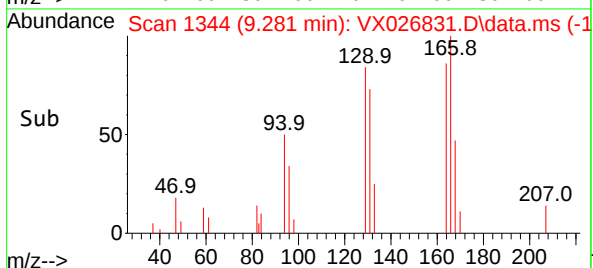
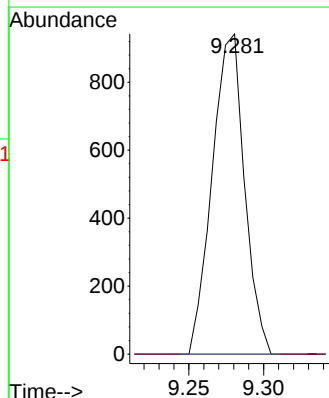
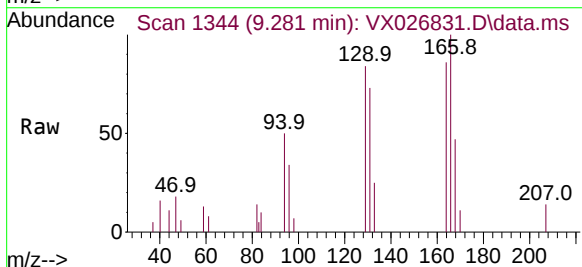
Acq: 08 Feb 2022 18:42

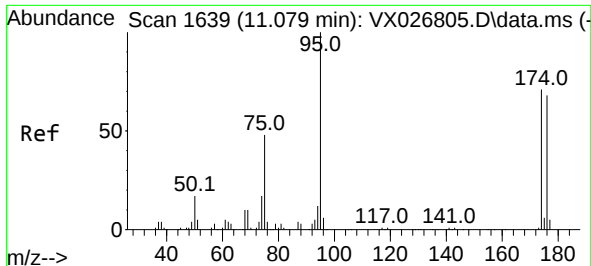
Tgt Ion: 129 Resp: 1417

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

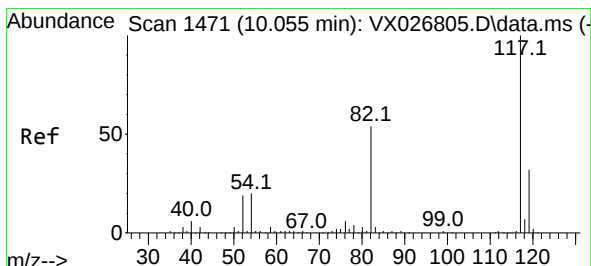
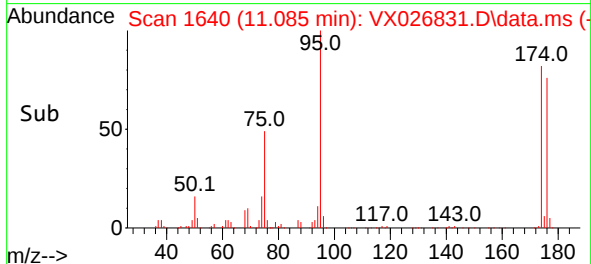
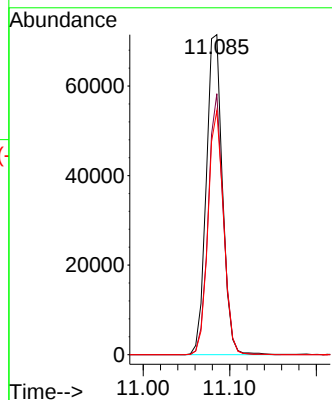
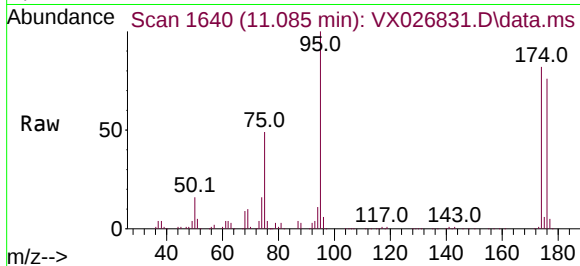




#62
4-Bromofluorobenzene
Concen: 53.516 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

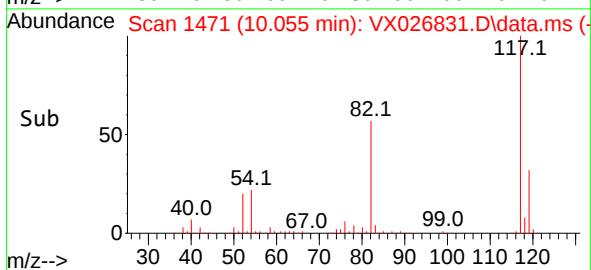
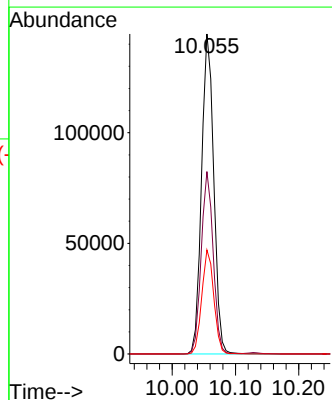
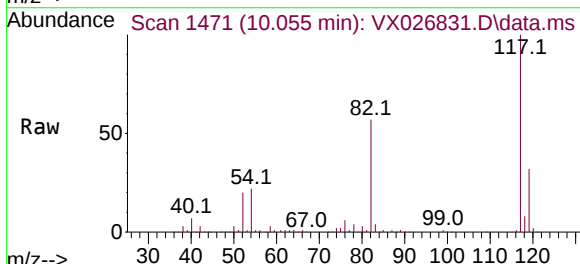
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

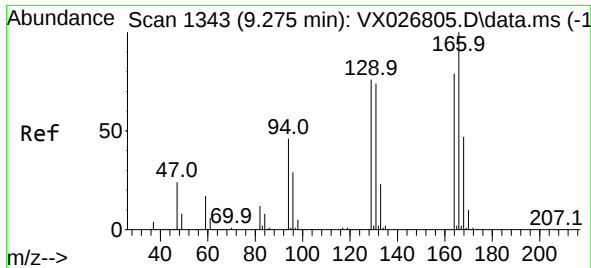
Tgt Ion: 95 Resp: 92846
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.6
176 73.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 117 Resp: 194431
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 32.5 26.2 39.2



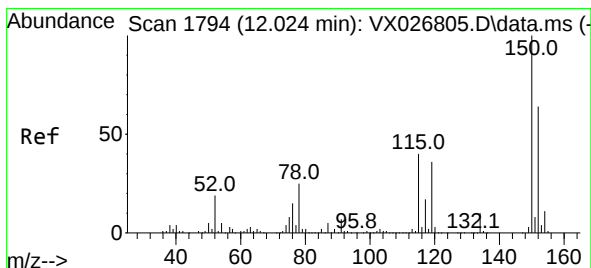
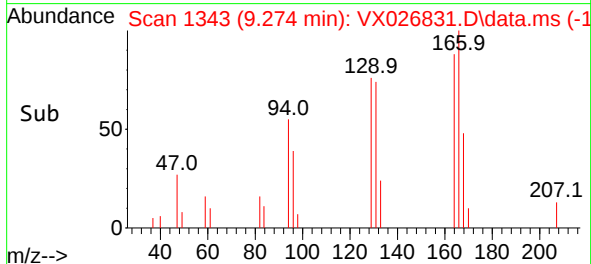
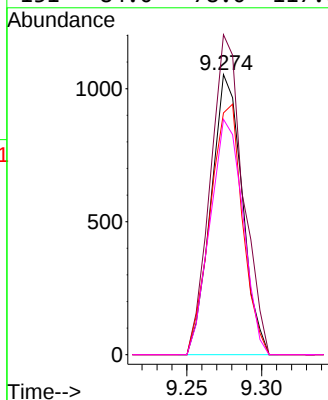
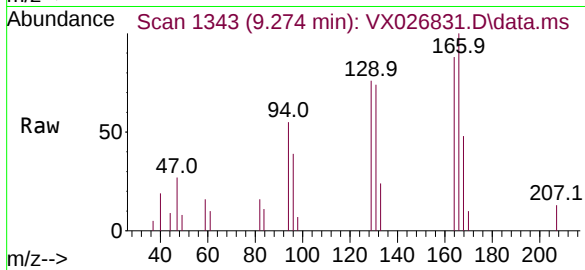


#64
Tetrachloroethene
Concen: 0.780 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion:164 Resp: 1524

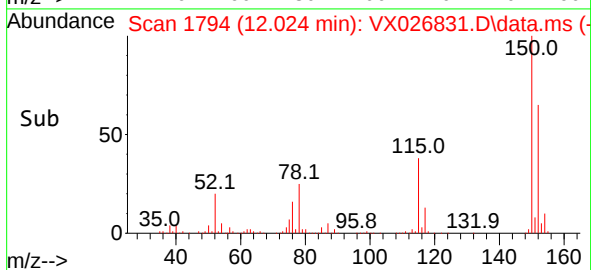
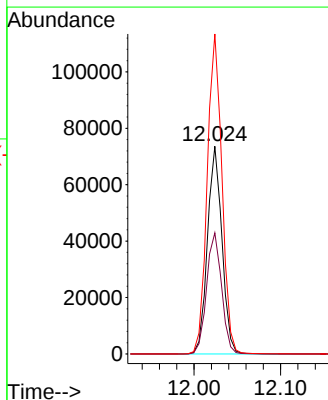
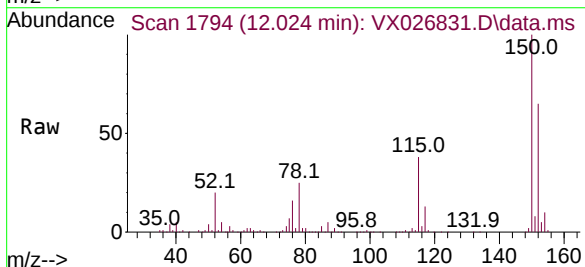
Ion	Ratio	Lower	Upper
164	100		
166	114.2	101.8	152.6
129	86.3	83.3	124.9
131	84.0	78.0	117.0

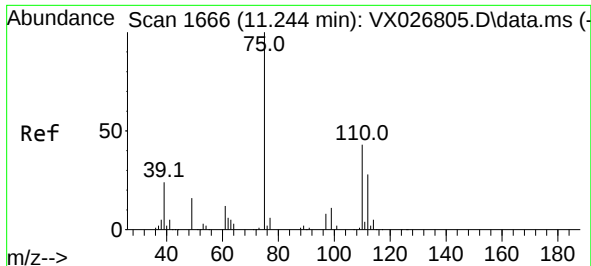


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion:152 Resp: 85607

Ion	Ratio	Lower	Upper
152	100		
115	60.2	44.2	132.6
150	156.2	0.0	348.2

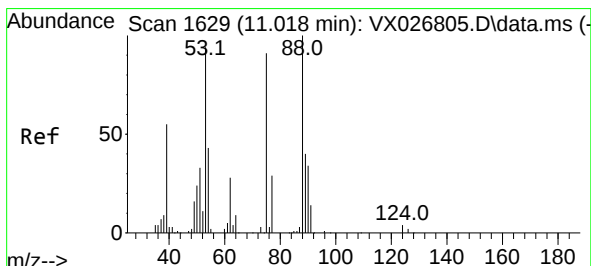
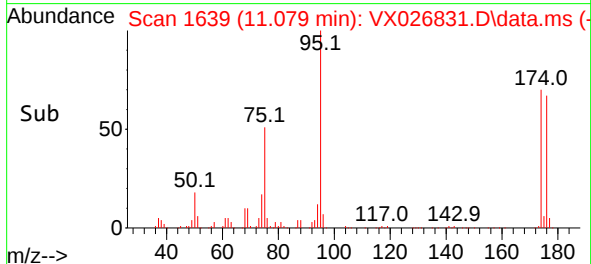
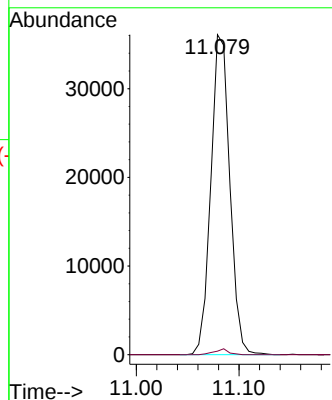
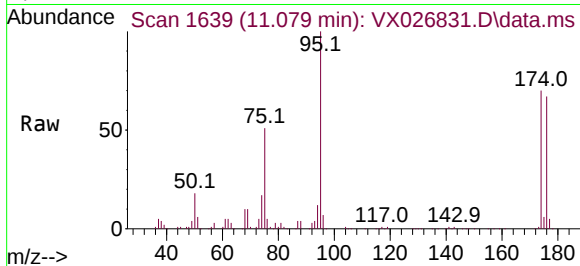




#76
1,2,3-Trichloropropane
Concen: 24.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

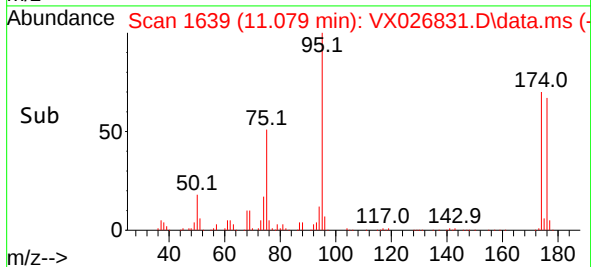
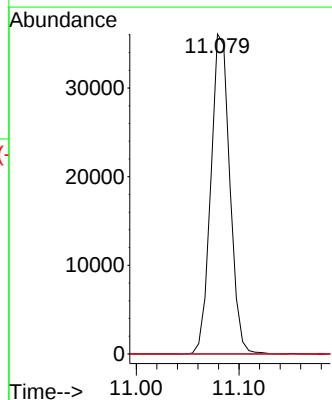
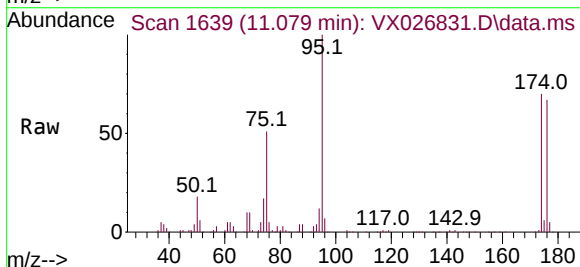
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

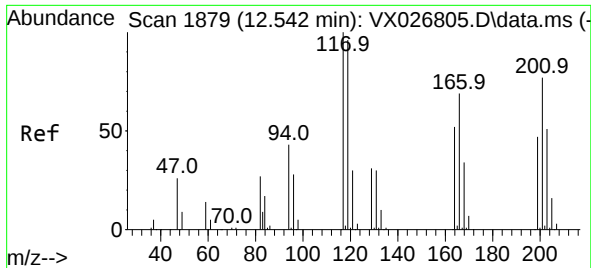
Tgt Ion: 75 Resp: 46206
Ion Ratio Lower Upper
75 100
77 1.4 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 75 Resp: 46206
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 0.264 ug/l
 RT: 12.646 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VX026831.D
 Acq: 08 Feb 2022 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22-R-S

Tgt Ion:117 Resp: 217
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#

