

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026624.D
 Acq On : 27 Jan 2022 15:08
 Operator : JC/MD
 Sample : N1296-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DR

Quant Time: Jan 28 04:26:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

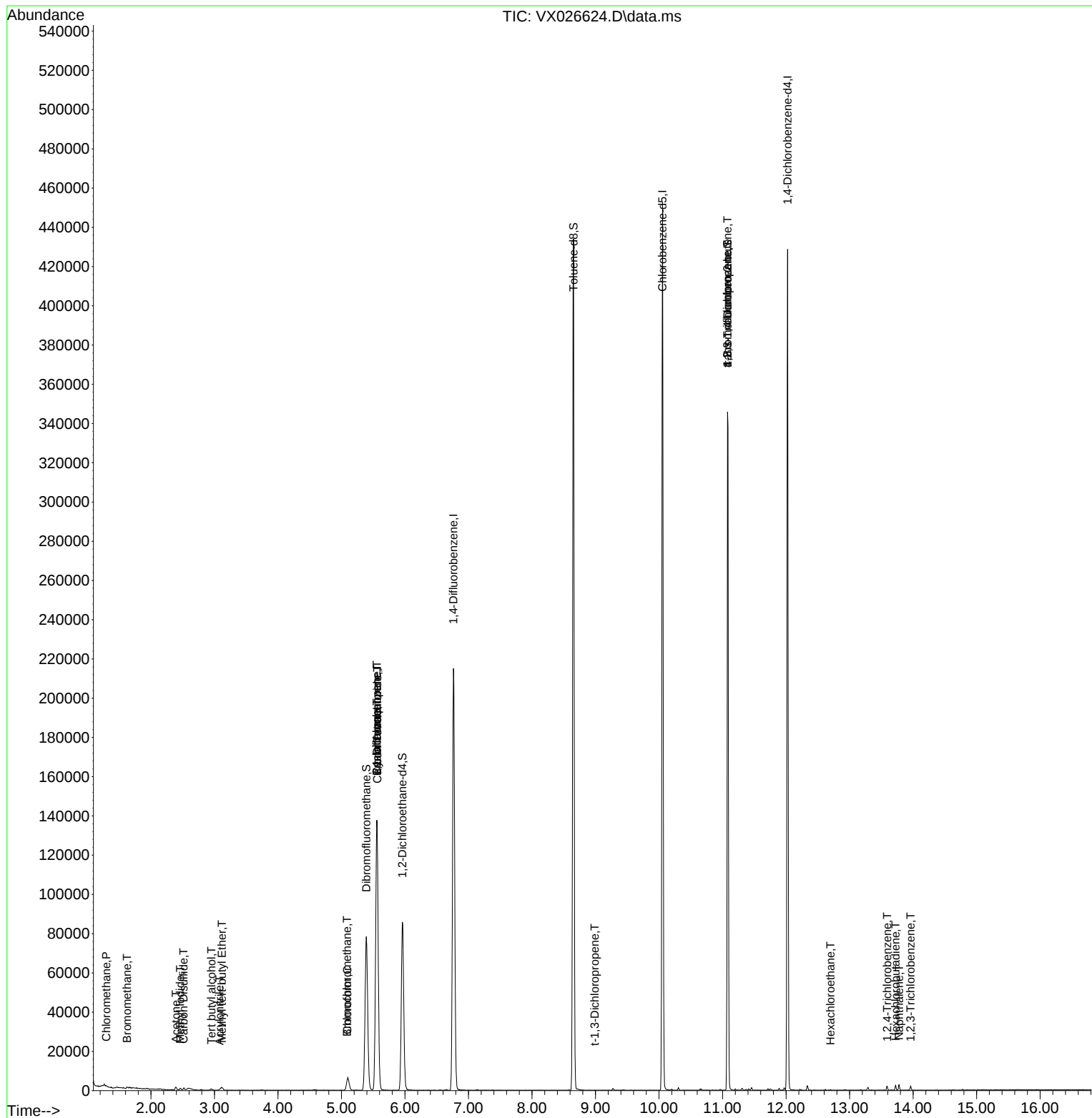
Internal Standards						
1) Pentafluorobenzene	5.556	168	130556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84384	46.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.391	113	68767	48.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.653	98	259020	50.783	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	96706	53.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.740%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	288	0.204	ug/l	98
5) Bromomethane	1.624	94	275	0.402	ug/l #	77
10) Methyl Iodide	2.459	142	1140	5.121	ug/l #	89
11) Tert butyl alcohol	2.953	59	401	1.581	ug/l #	75
15) Acrylonitrile	3.081	53	275	0.352	ug/l #	78
16) Acetone	2.392	43	1871	2.012	ug/l	100
17) Carbon Disulfide	2.514	76	1343	0.337	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1702	0.344	ug/l	97
28) Bromochloromethane	5.086	49	558	0.494	ug/l #	13
30) Chloroform	5.092	83	7733	2.706	ug/l	94
31) Cyclohexane	5.556	56	2583	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10078	4.510	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13215	5.750	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	50	1.899	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	48138	25.380	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48138	77.068	ug/l #	3
90) Hexachloroethane	12.701	117	187	2.359	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.591	180	642	0.349	ug/l	99
94) Hexachlorobutadiene	13.725	225	452	0.583	ug/l	96
95) Naphthalene	13.780	128	2083	0.340	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	651	0.360	ug/l	98

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

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MW-8DR

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

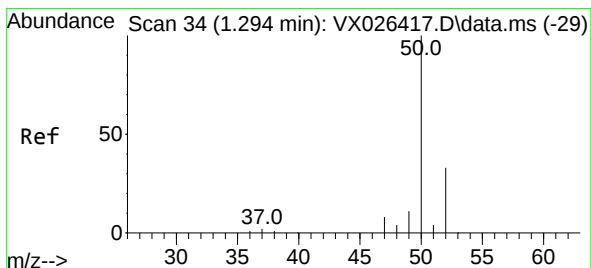
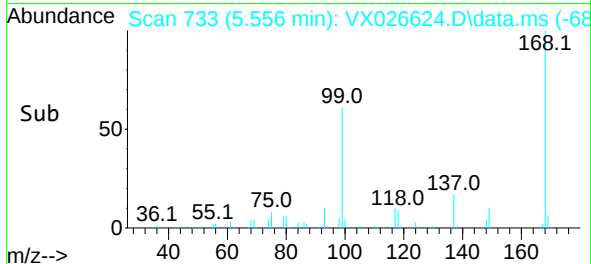
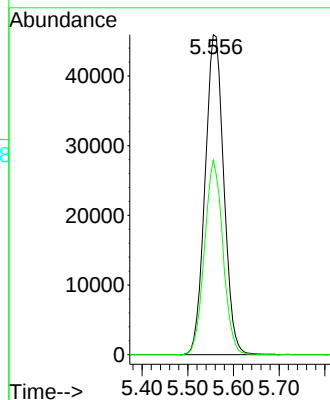
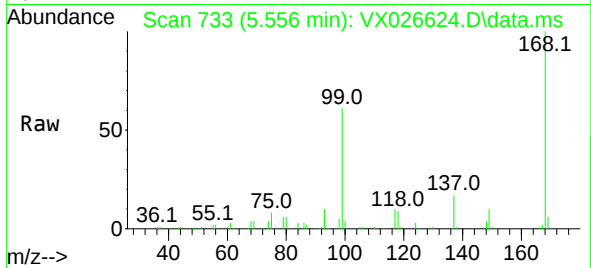




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

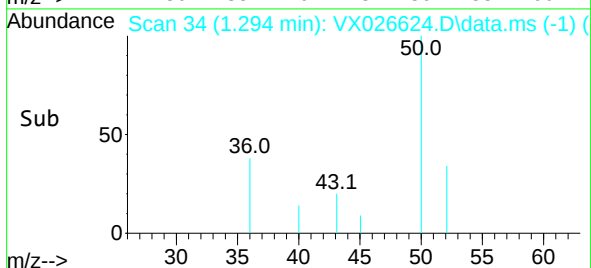
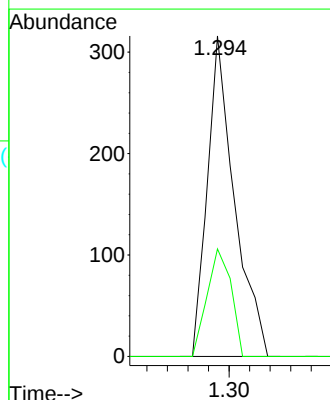
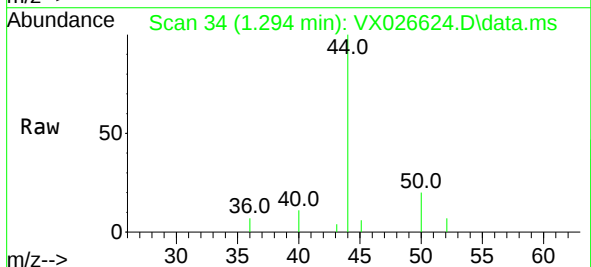
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

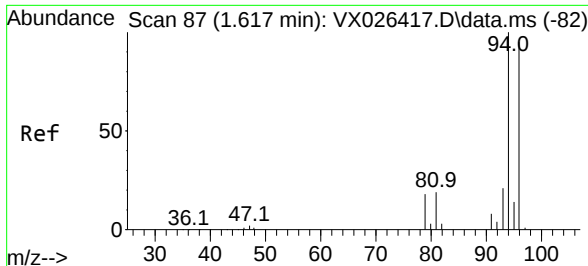
Tgt Ion:168 Resp: 130556
Ion Ratio Lower Upper
168 100
99 60.8 50.3 75.5



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1

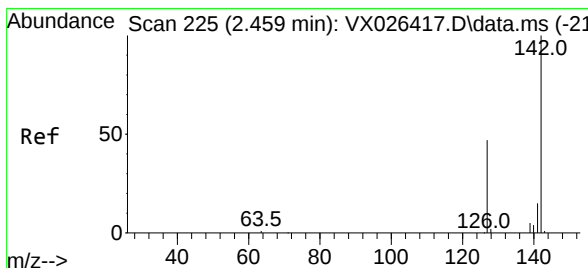
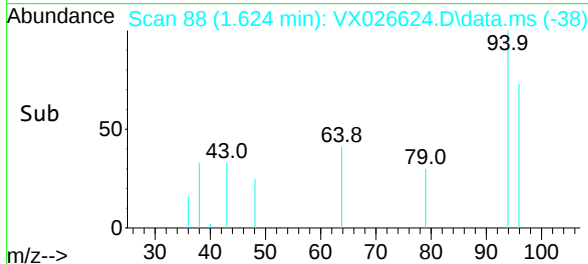
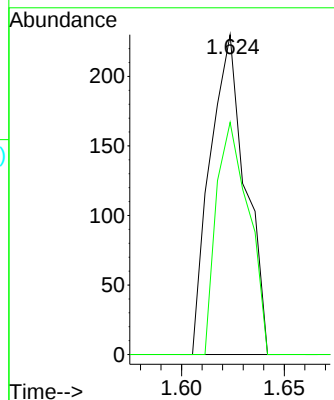
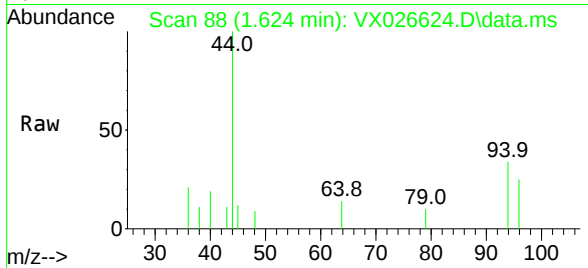




#5
Bromomethane
Concen: 0.402 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

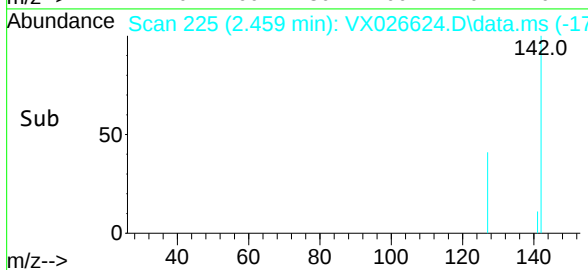
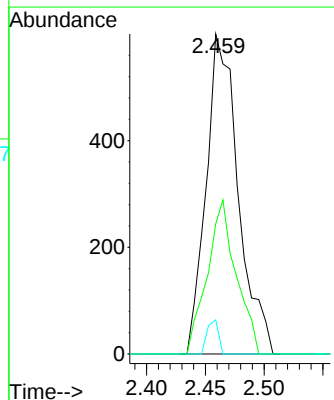
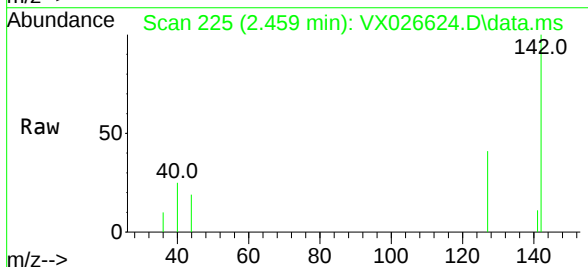
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

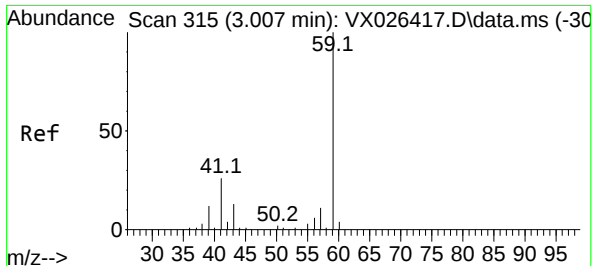
Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 72.6 75.9 113.9#



#10
Methyl Iodide
Concen: 5.121 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion: 142 Resp: 1140
Ion Ratio Lower Upper
142 100
127 43.2 38.1 57.1
141 3.8 11.2 16.8#





#11

Tert butyl alcohol

Concen: 1.581 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.054 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

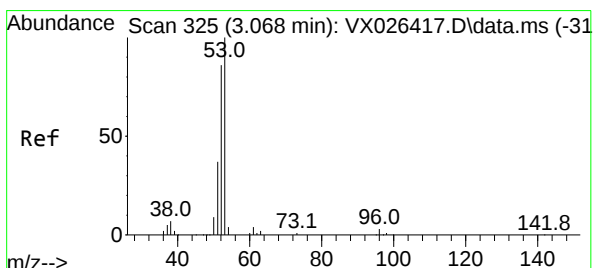
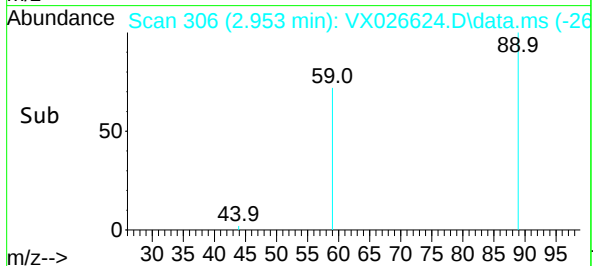
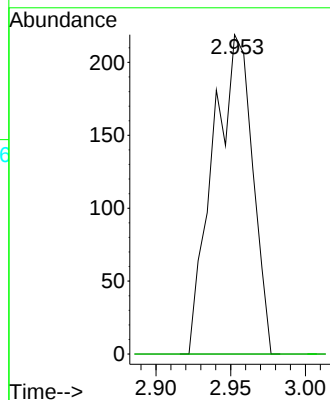
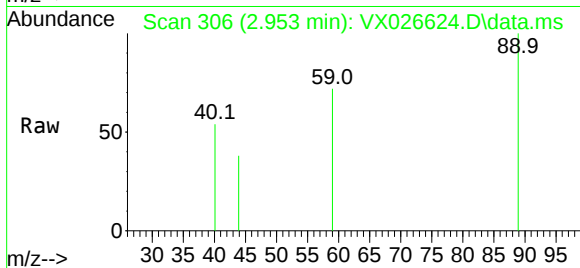
MW-8DR

Tgt Ion: 59 Resp: 401

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#15

Acrylonitrile

Concen: 0.352 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.012 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

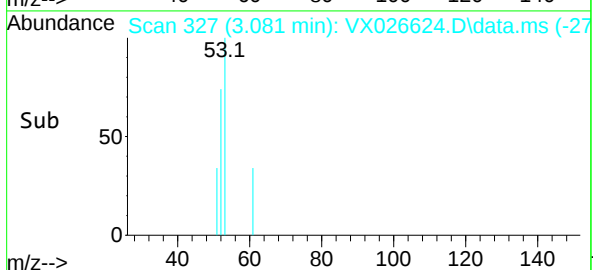
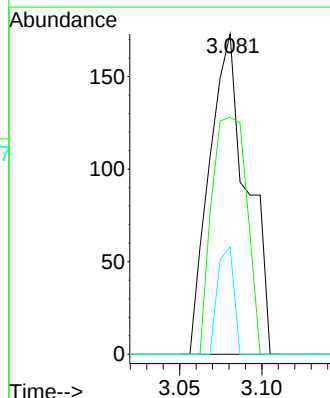
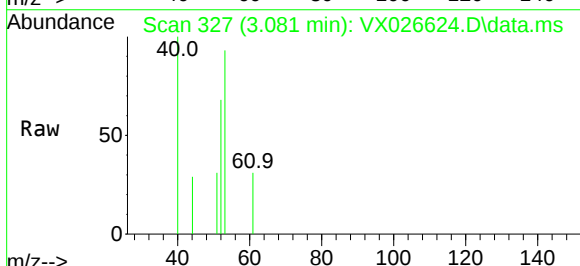
Tgt Ion: 53 Resp: 275

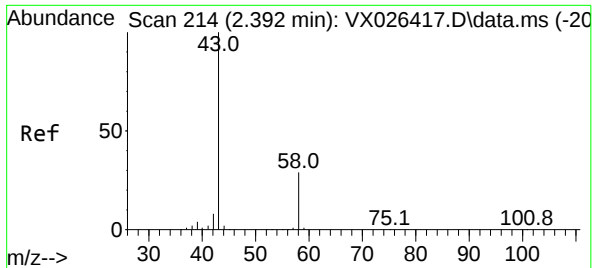
Ion Ratio Lower Upper

53 100

52 69.1 66.6 100.0

51 14.5 29.5 44.3#

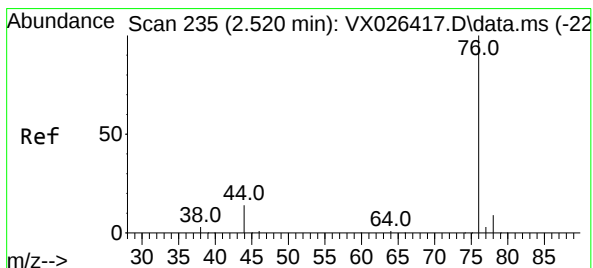
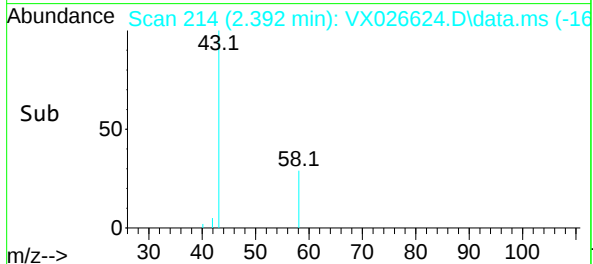
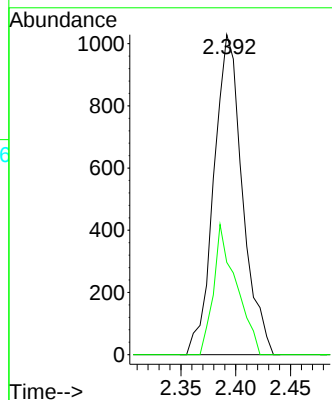
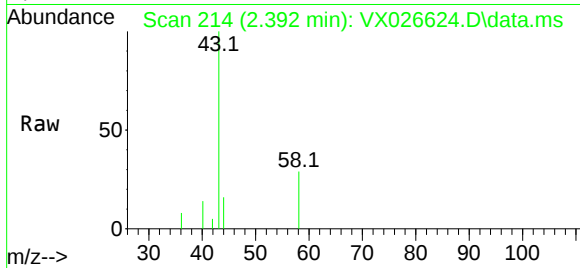




#16
Acetone
Concen: 2.012 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

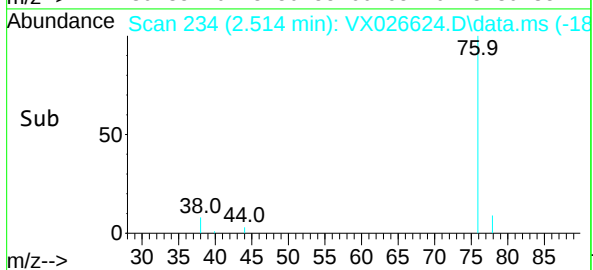
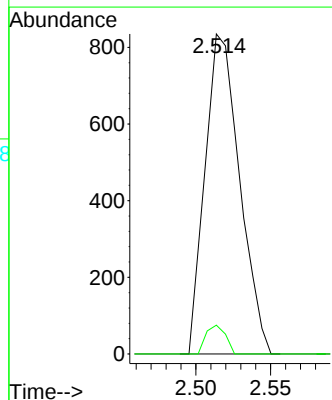
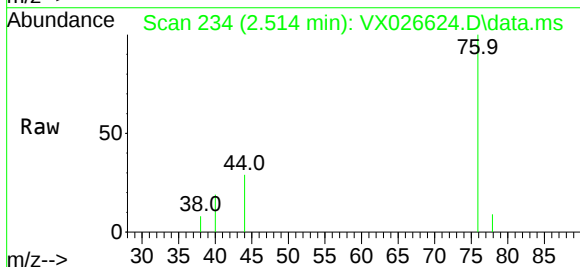
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

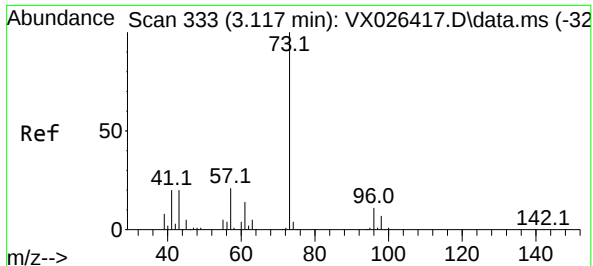
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 28.9 23.0 34.6



#17
Carbon Disulfide
Concen: 0.337 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion: 76 Resp: 1343
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#19

Methyl tert-butyl Ether

Concen: 0.344 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

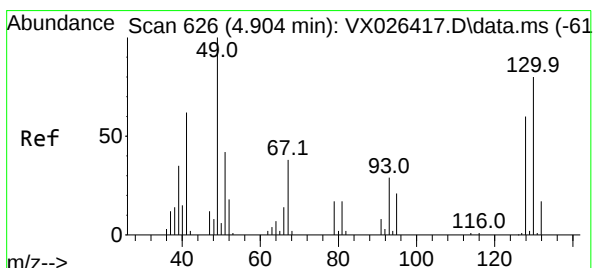
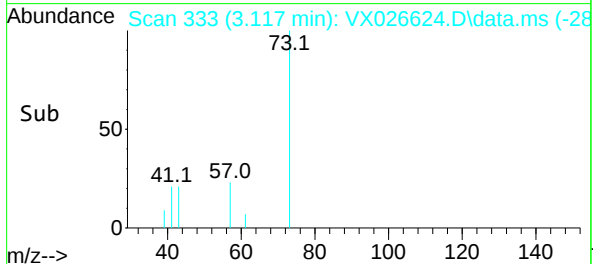
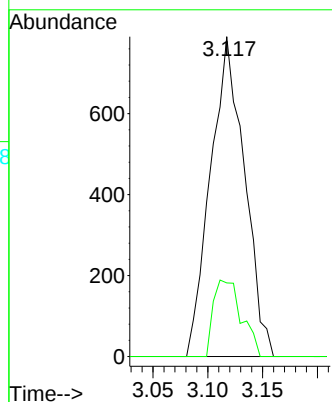
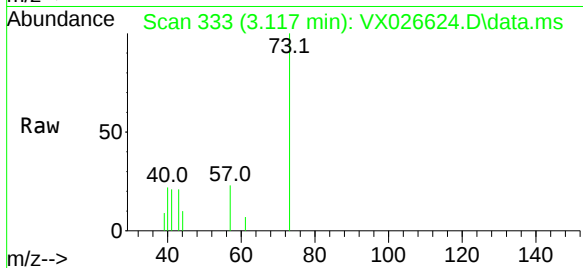
MW-8DR

Tgt Ion: 73 Resp: 1702

Ion Ratio Lower Upper

73 100

57 23.0 17.4 26.2



#28

Bromochloromethane

Concen: 0.494 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.183 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

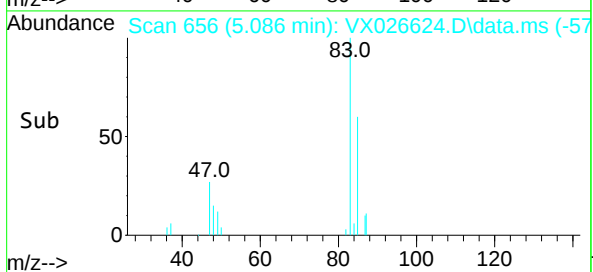
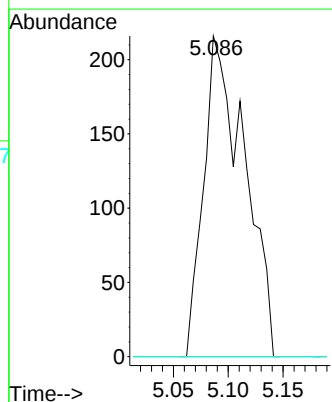
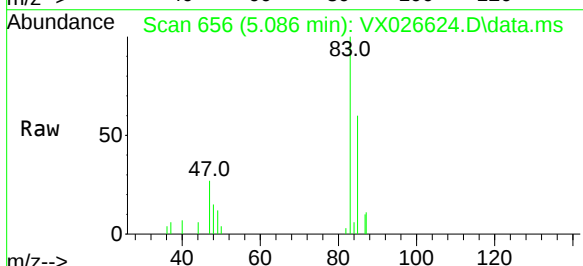
Tgt Ion: 49 Resp: 558

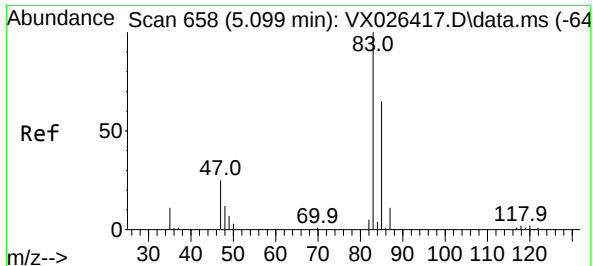
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 62.4 93.6#





#30

Chloroform

Concen: 2.706 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

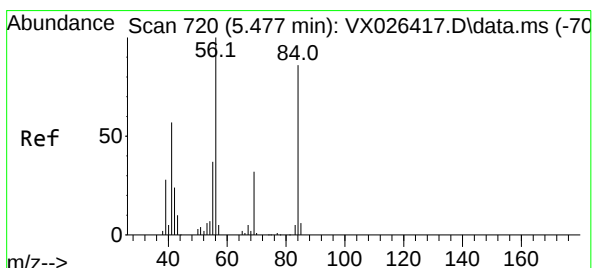
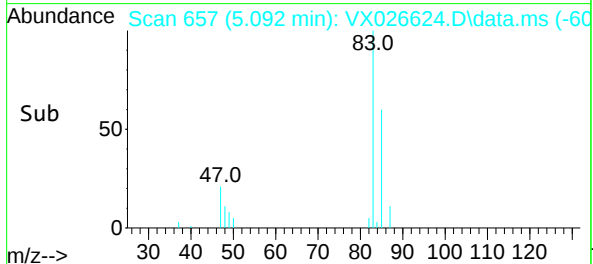
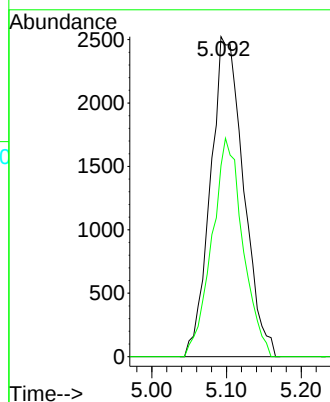
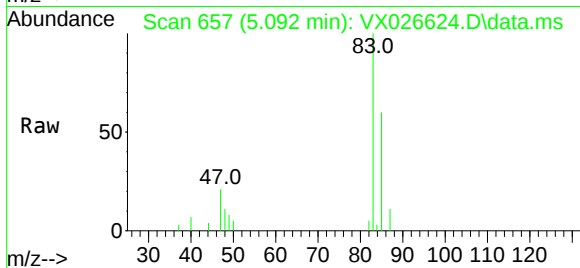
MW-8DR

Tgt Ion: 83 Resp: 7733

Ion Ratio Lower Upper

83 100

85 59.7 51.6 77.4



#31

Cyclohexane

Concen: 0.960 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

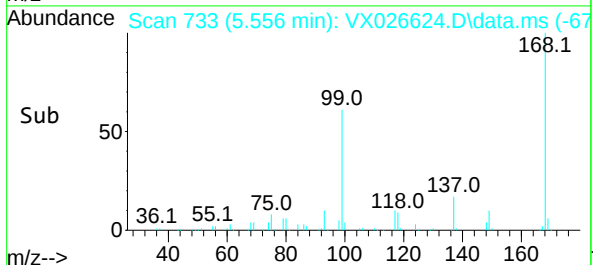
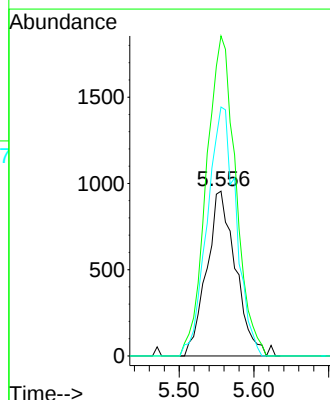
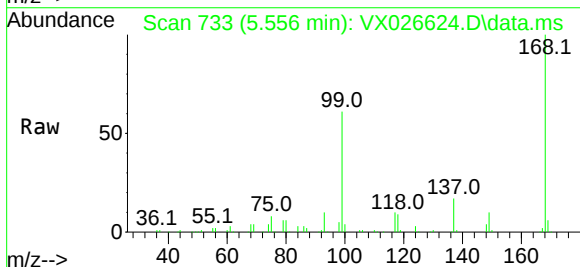
Tgt Ion: 56 Resp: 2583

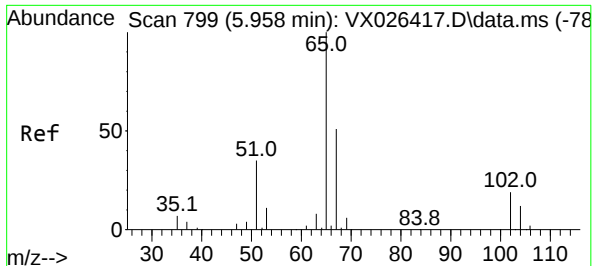
Ion Ratio Lower Upper

56 100

69 194.2 25.8 38.6#

84 151.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.269 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

Instrument :

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ClientSampleId :

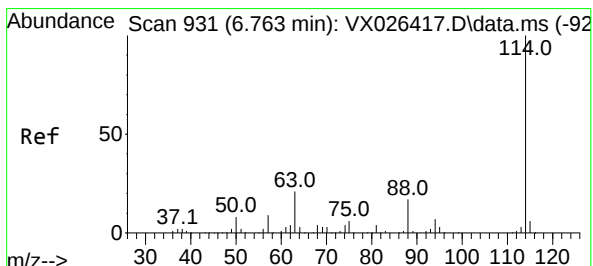
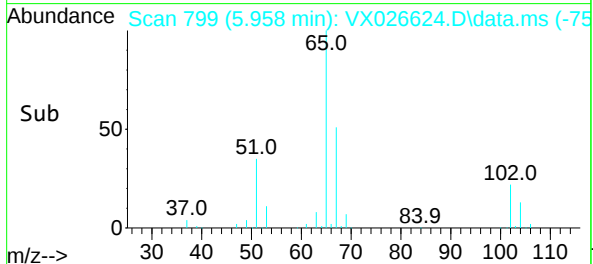
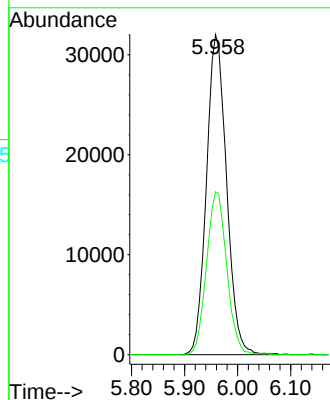
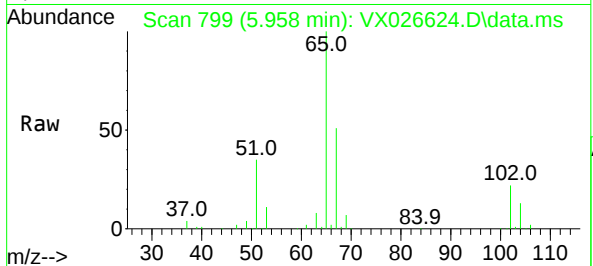
MW-8DR

Tgt Ion: 65 Resp: 84384

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

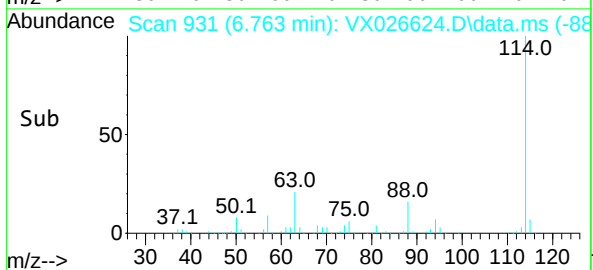
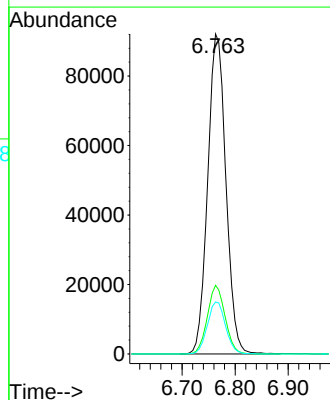
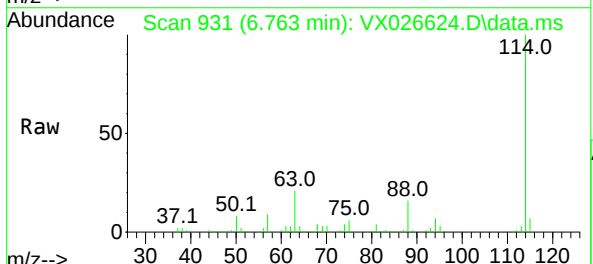
Tgt Ion: 114 Resp: 219181

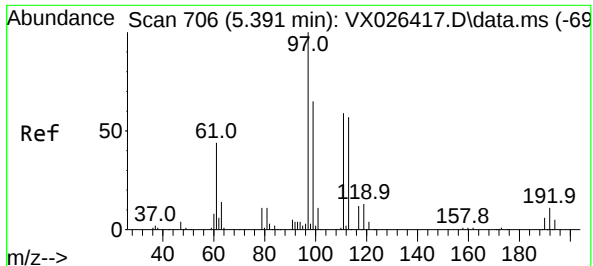
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.585 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026624.D

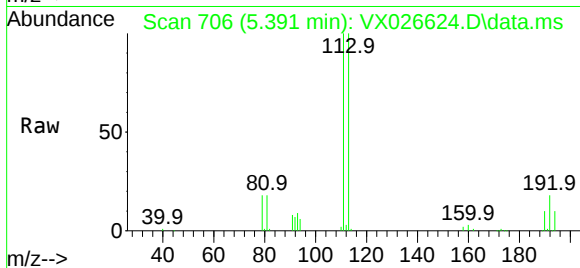
Acq: 27 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

MW-8DR



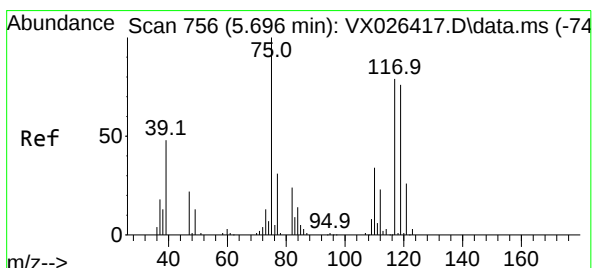
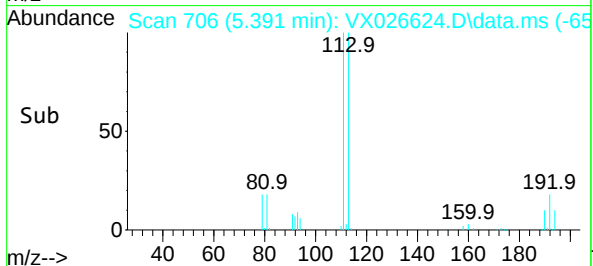
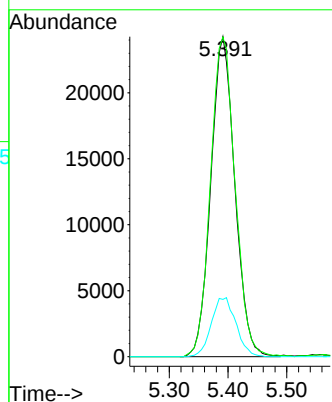
Tgt Ion:113 Resp: 68767

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 18.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.510 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026624.D

Acq: 27 Jan 2022 15:08

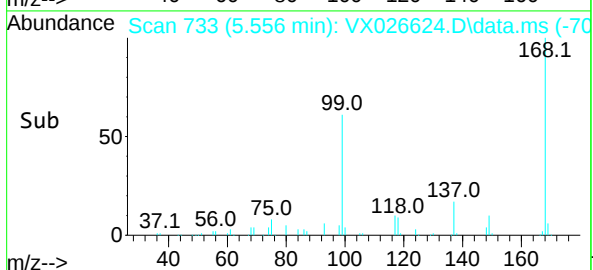
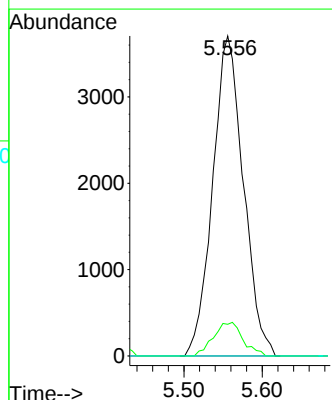
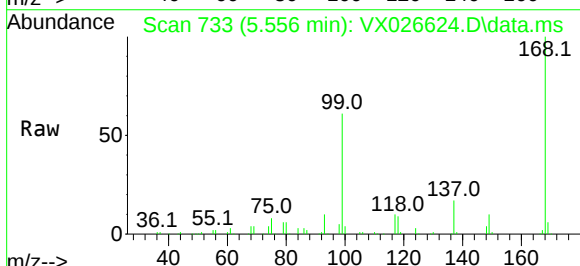
Tgt Ion: 75 Resp: 10078

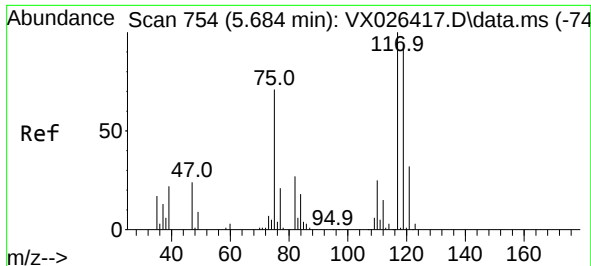
Ion Ratio Lower Upper

75 100

110 10.1 17.2 51.6#

77 0.0 24.6 36.8#

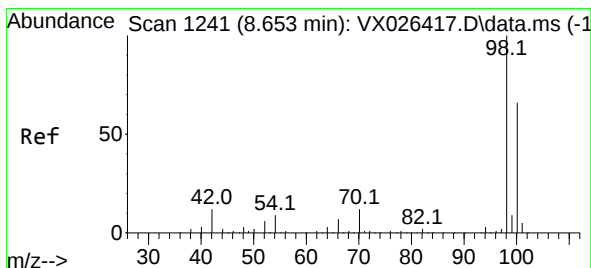
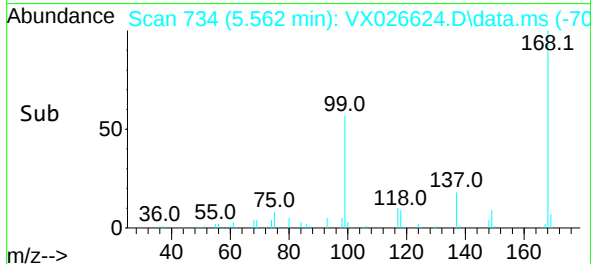
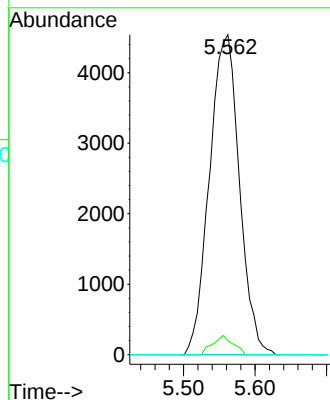
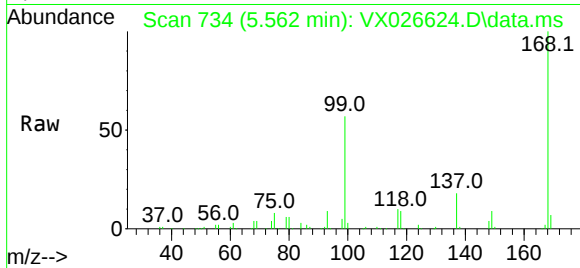




#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

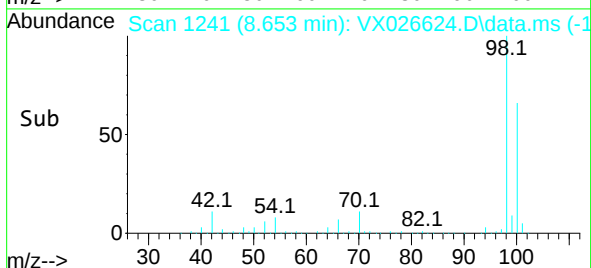
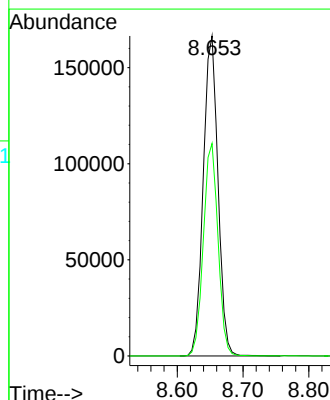
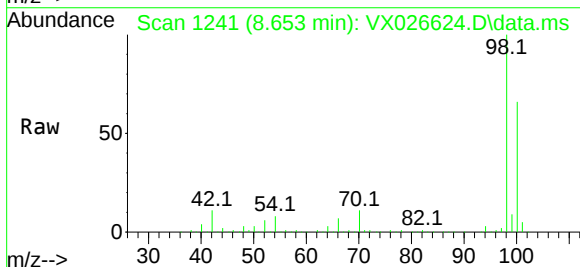
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

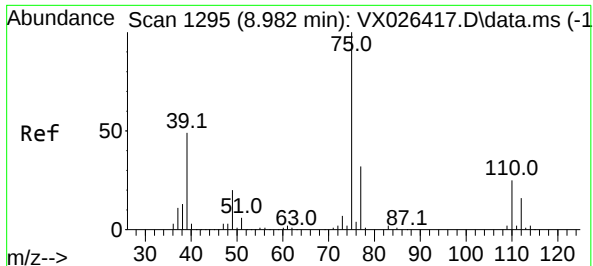
Tgt Ion:117 Resp: 13215
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.783 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion: 98 Resp: 259020
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

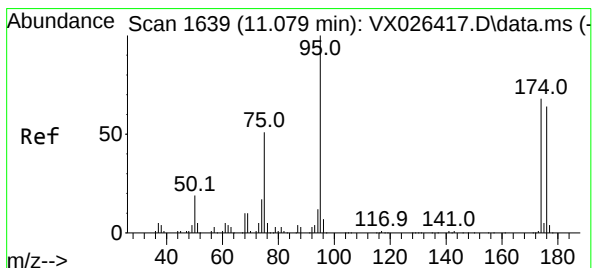
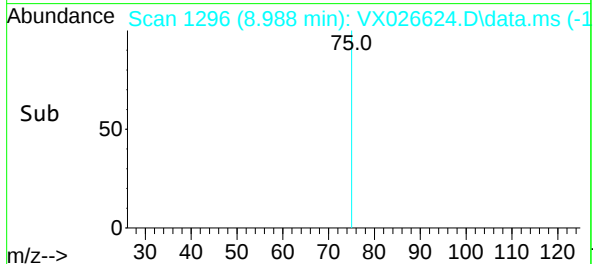
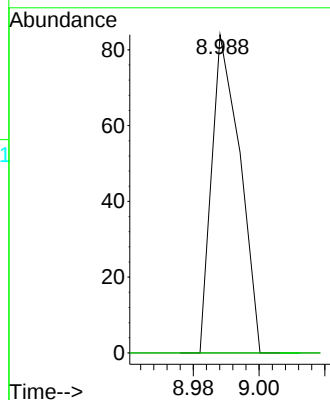
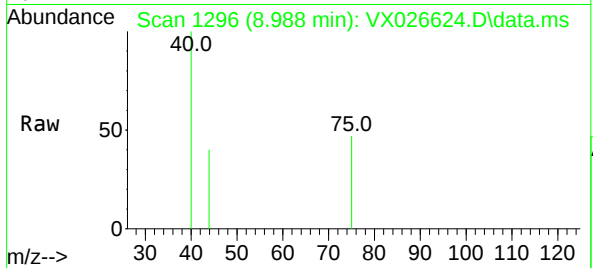




#53
t-1,3-Dichloropropene
Concen: 1.899 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

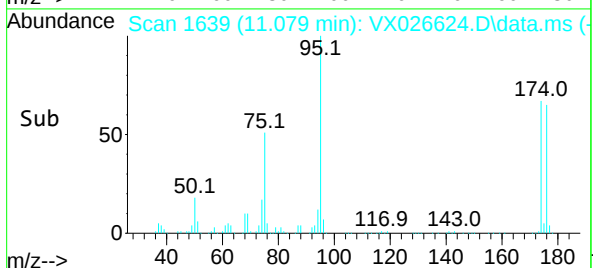
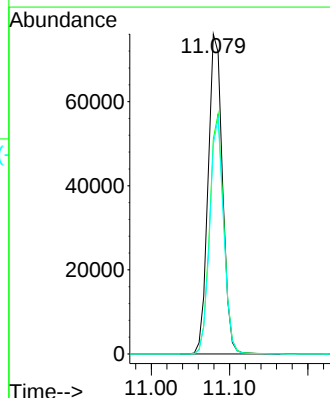
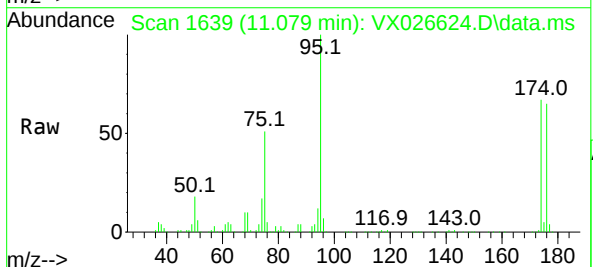
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

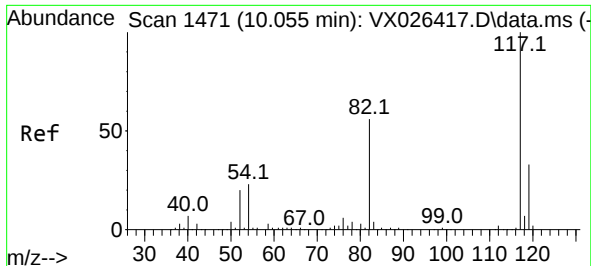
Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 53.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion: 95 Resp: 96706
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.6
176 71.2 0.0 141.4

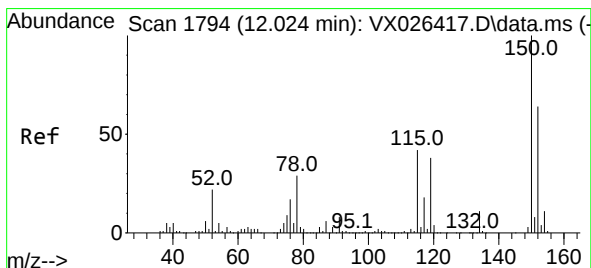
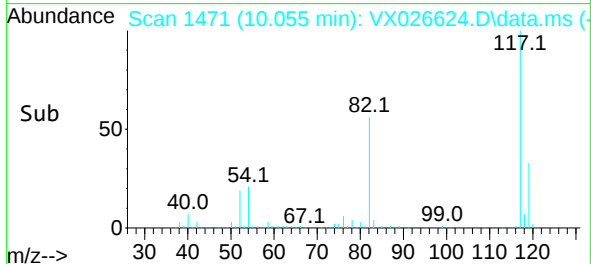
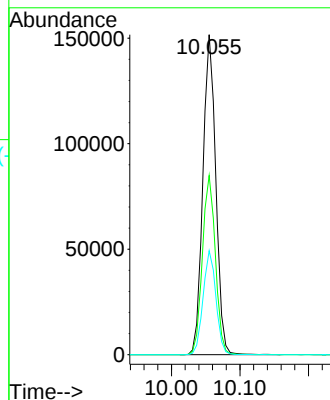
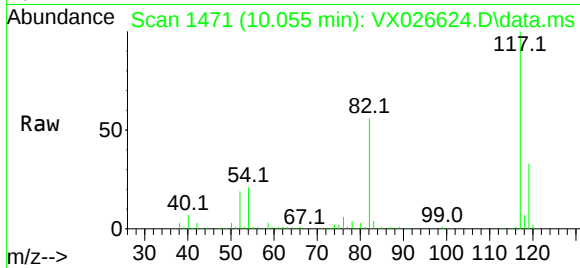




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

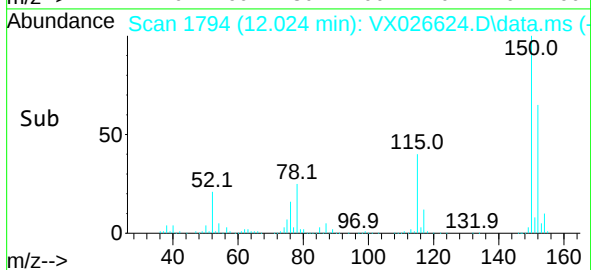
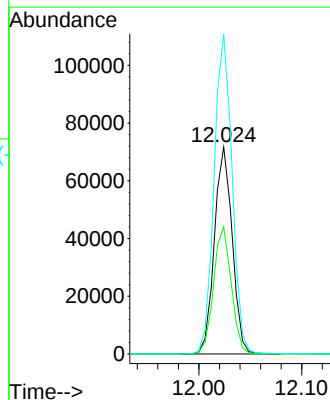
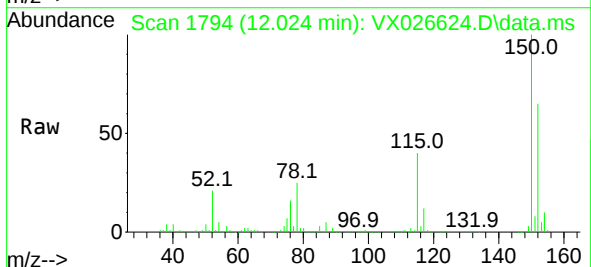
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

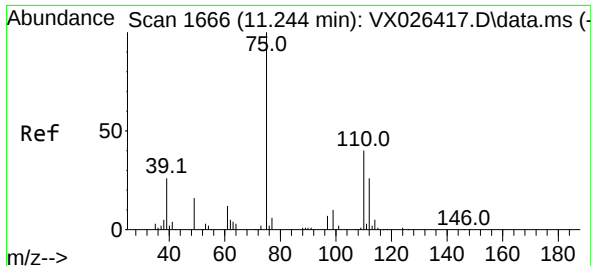
Tgt Ion:117 Resp: 199309
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion:152 Resp: 86145
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 156.2 0.0 348.2

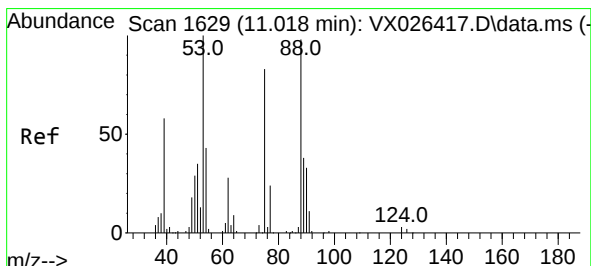
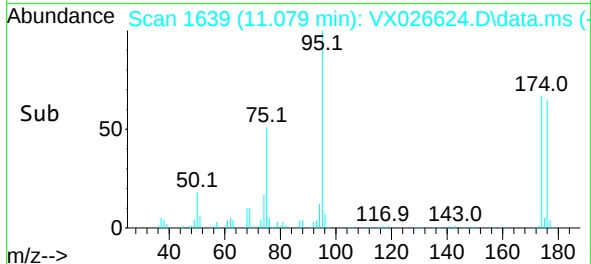
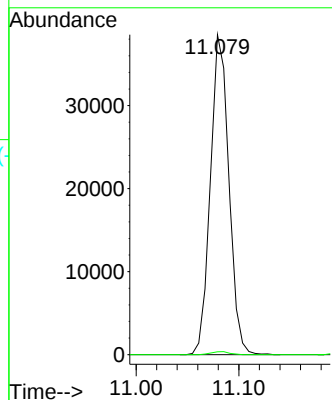
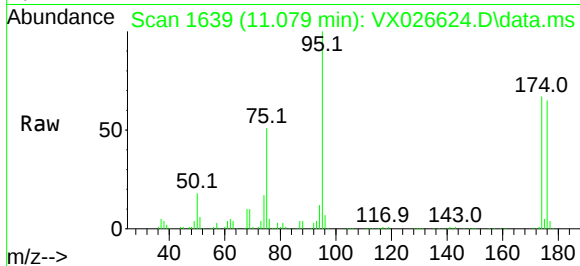




#76
1,2,3-Trichloropropane
Concen: 25.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

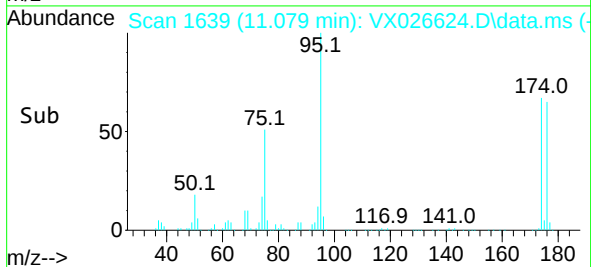
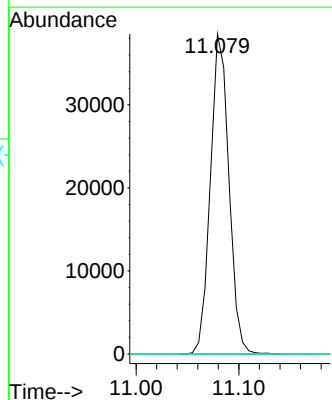
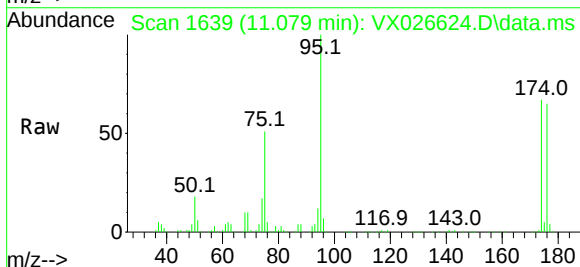
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

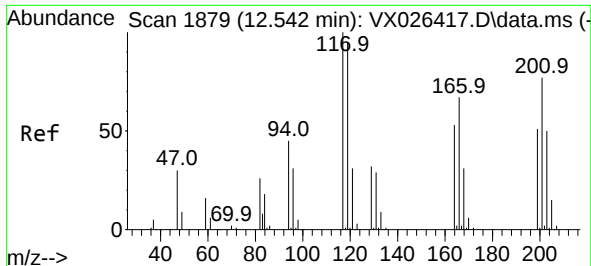
Tgt Ion: 75 Resp: 48138
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion: 75 Resp: 48138
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

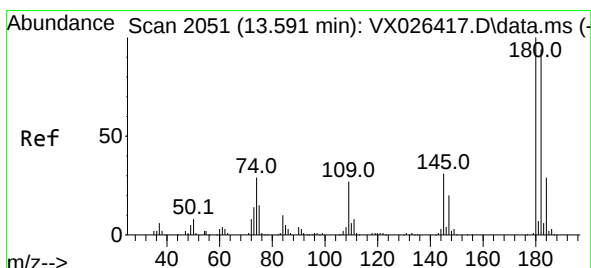
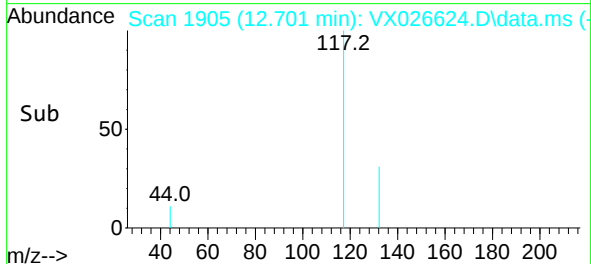
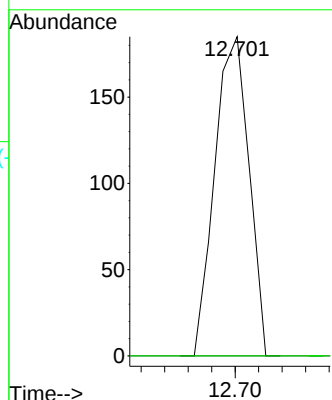
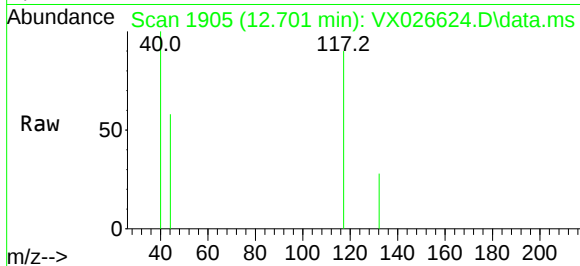




#90
Hexachloroethane
Concen: 2.359 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

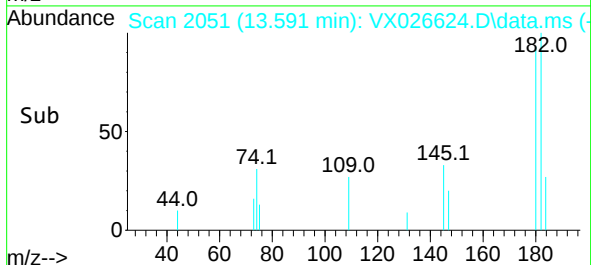
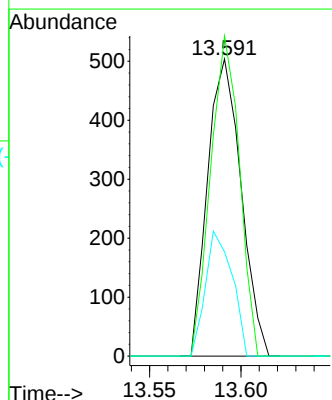
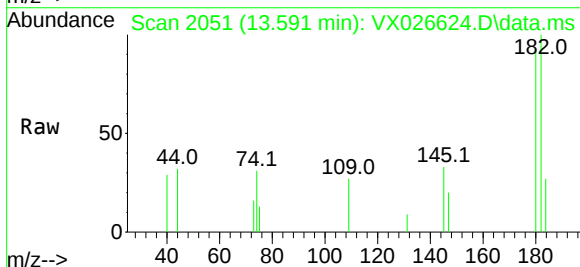
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

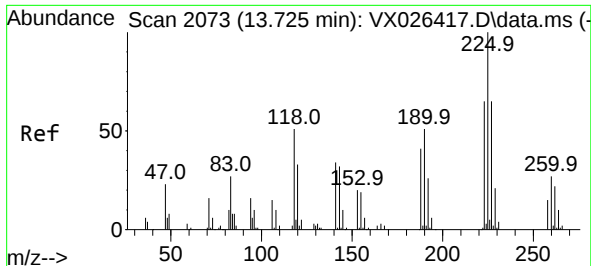
Tgt Ion:117 Resp: 187
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.349 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion:180 Resp: 642
Ion Ratio Lower Upper
180 100
182 92.8 46.7 140.0
145 33.5 16.3 48.8

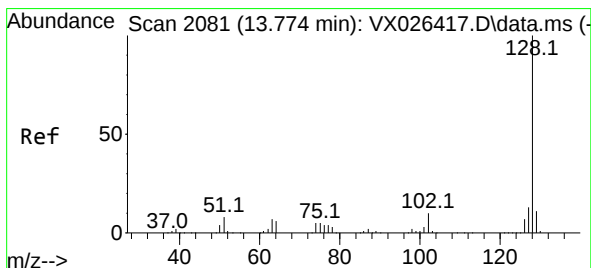
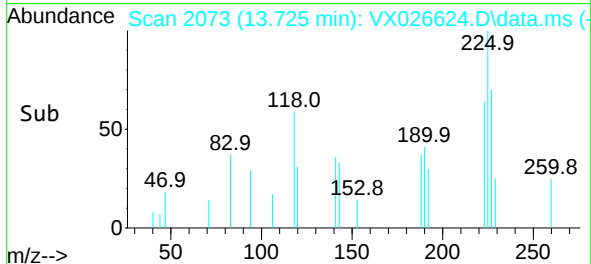
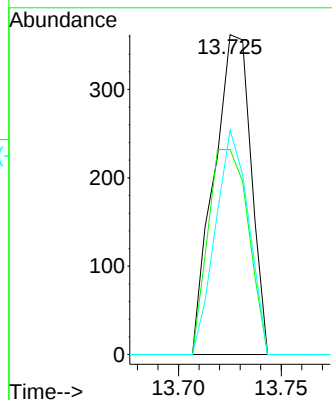
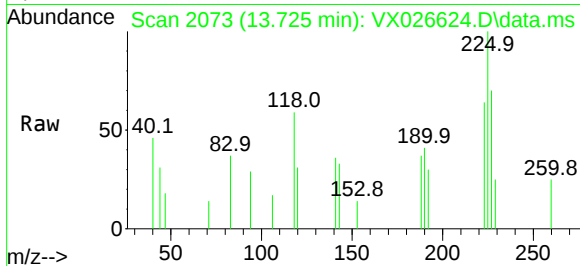




#94
Hexachlorobutadiene
Concen: 0.583 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

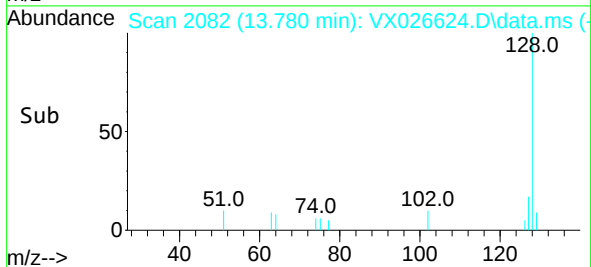
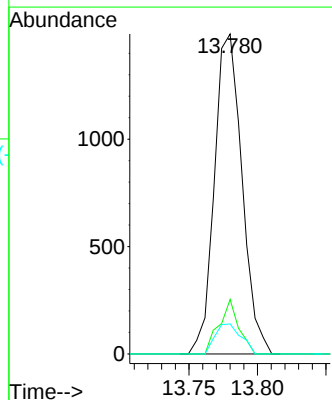
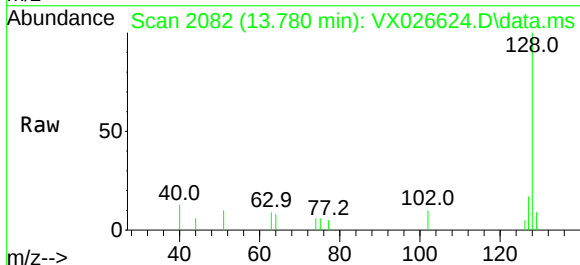
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

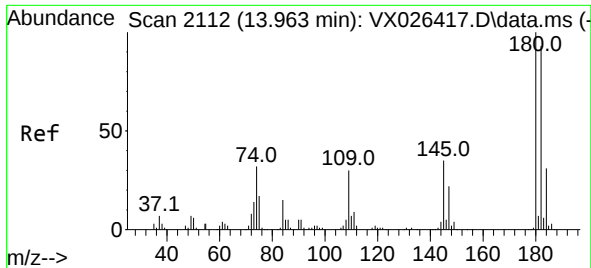
Tgt Ion:	225	Resp:	452
Ion	Ratio	Lower	Upper
225	100		
223	69.5	32.0	96.0
227	63.1	32.3	96.9



#95
Naphthalene
Concen: 0.340 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026624.D
Acq: 27 Jan 2022 15:08

Tgt Ion:	128	Resp:	2083
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	8.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.360 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX026624.D
 Acq: 27 Jan 2022 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DR

Tgt Ion:180 Resp: 651
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.2 141.6
 145 35.2 17.5 52.5

