

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029033.D
 Acq On : 27 May 2022 18:44
 Operator : JC/MD
 Sample : N2968-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: May 27 22:11:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

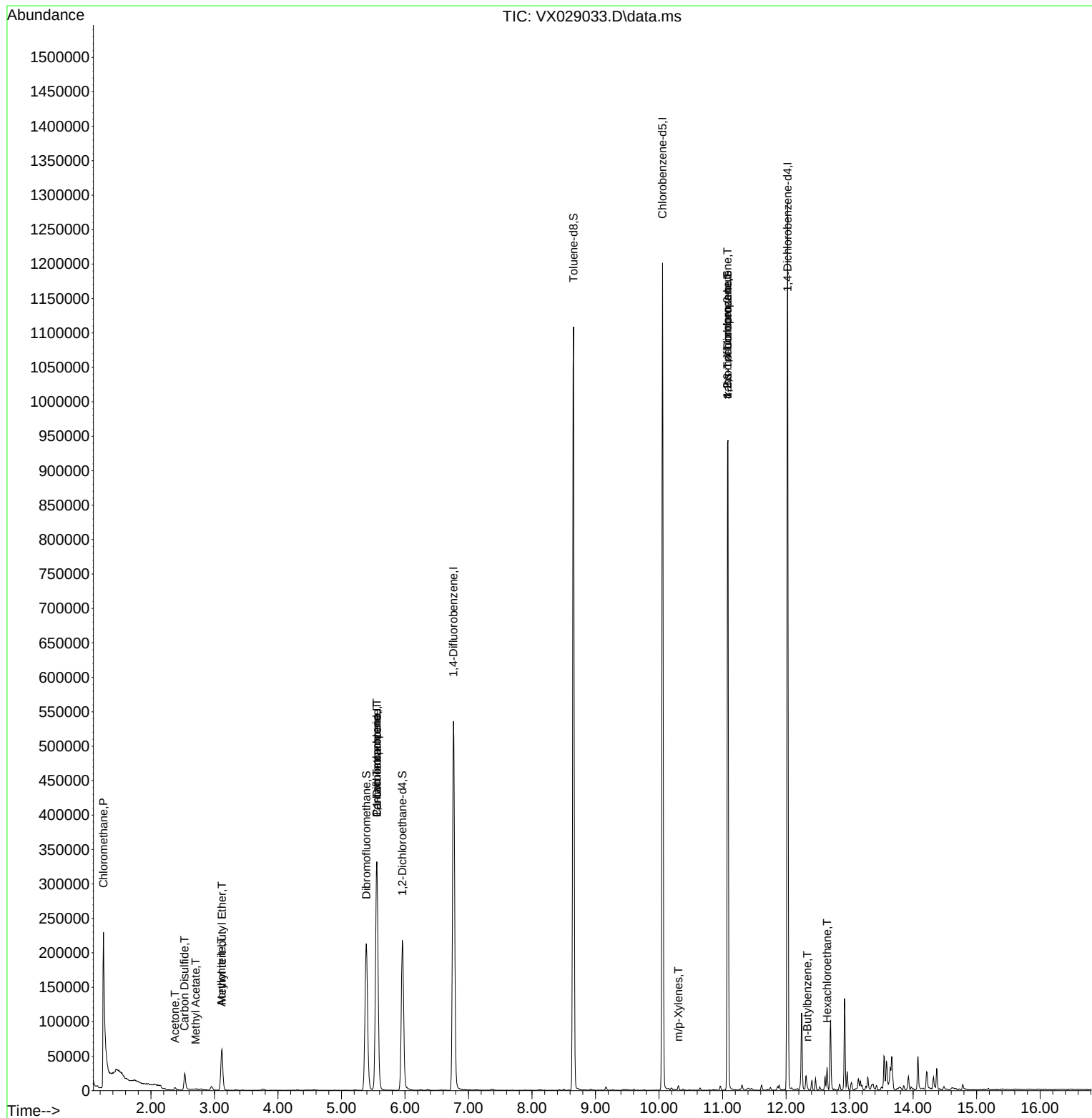
Internal Standards						
1) Pentafluorobenzene	5.556	168	317427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	567130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213483	49.063	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.120%
35) Dibromofluoromethane	5.391	113	187480	50.455	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.920%
50) Toluene-d8	8.653	98	672508	48.005	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	267967	51.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.420%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	7434	1.899	ug/l #	42
5) Bromomethane	1.612	94	1073	Below Cal		88
6) Chloroethane	1.910	64	615	Below Cal	#	63
11) Tert butyl alcohol	2.959	59	5138	Below Cal		99
15) Acrylonitrile	3.111	53	811	0.387	ug/l #	25
16) Acetone	2.380	43	3863	2.069	ug/l	99
17) Carbon Disulfide	2.526	76	8084	0.949	ug/l #	90
18) Methyl Acetate	2.703	43	956	0.204	ug/l #	71
19) Methyl tert-butyl Ether	3.117	73	67189	5.763	ug/l	98
36) 1,1-Dichloropropene	5.556	75	23562	4.222	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32667	5.816	ug/l #	17
68) m/p-Xylenes	10.305	106	1772	0.217	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	131982	21.530	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	131982	63.127	ug/l #	15
89) n-Butylbenzene	12.335	91	4051	0.282	ug/l #	45
90) Hexachloroethane	12.646	117	11620	4.335	ug/l #	10

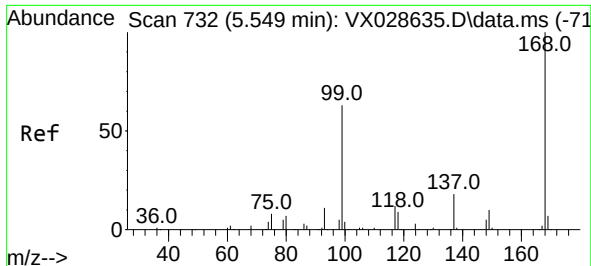
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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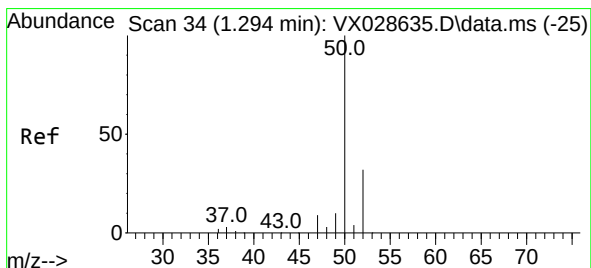
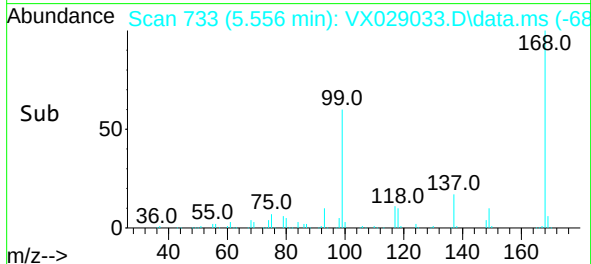
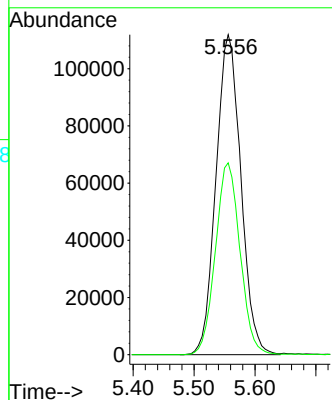
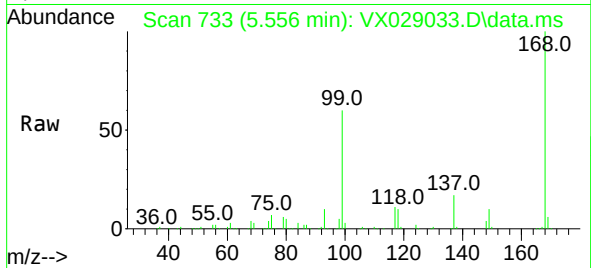




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

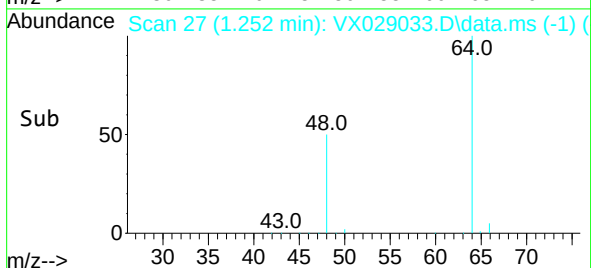
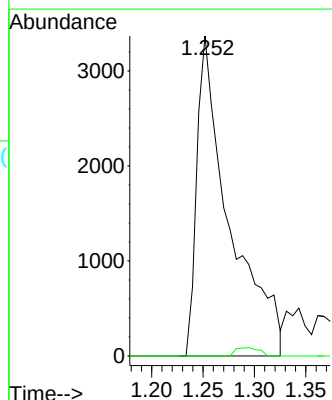
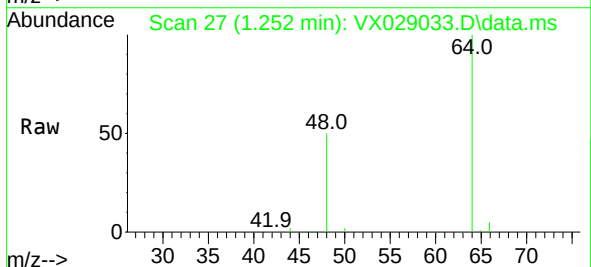
Instrument :
MSVOA_X
ClientSampleId :
MW-24

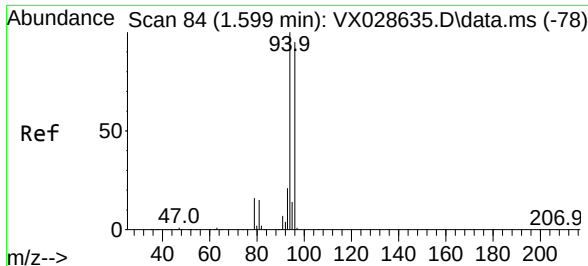
Tgt Ion:168 Resp: 317427
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#3
Chloromethane
Concen: 1.899 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion: 50 Resp: 7434
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

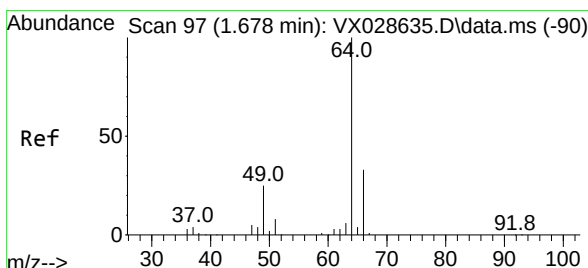
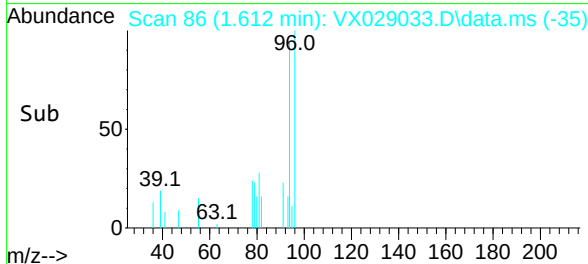
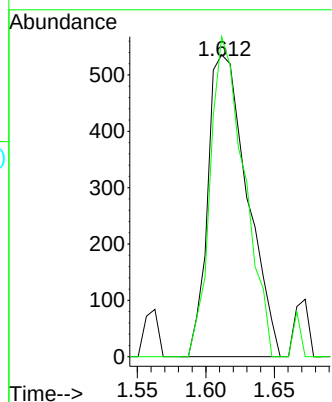
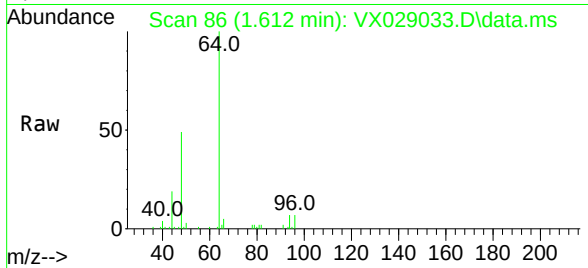




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

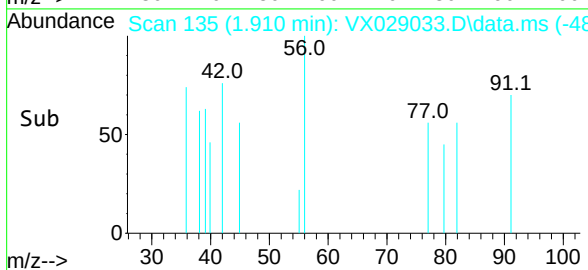
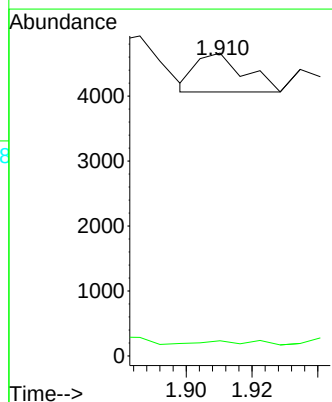
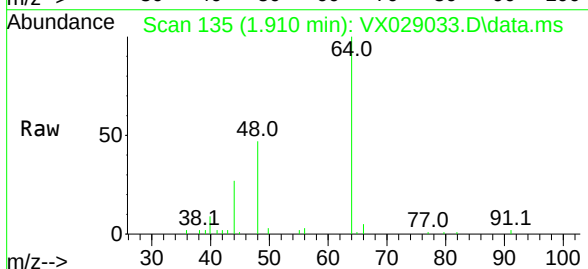
Instrument :
MSVOA_X
ClientSampleId :
MW-24

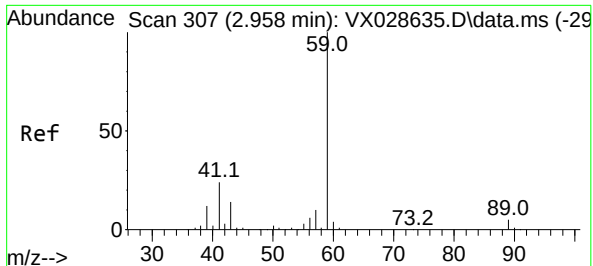
Tgt Ion: 94 Resp: 1073
Ion Ratio Lower Upper
94 100
96 106.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.910 min Scan# 135
Delta R.T. 0.232 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion: 64 Resp: 615
Ion Ratio Lower Upper
64 100
66 11.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

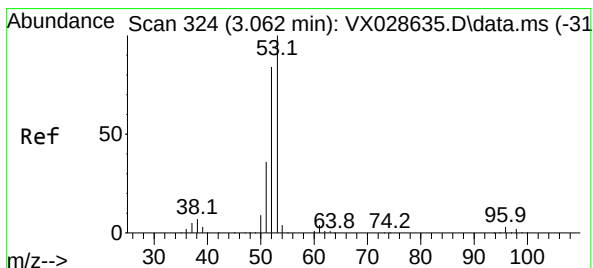
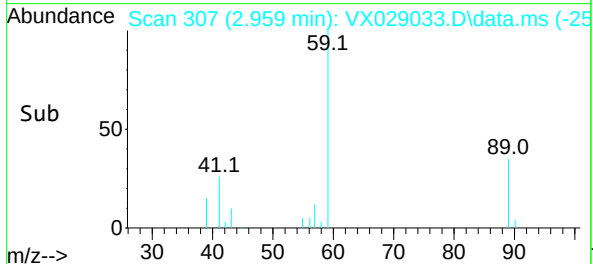
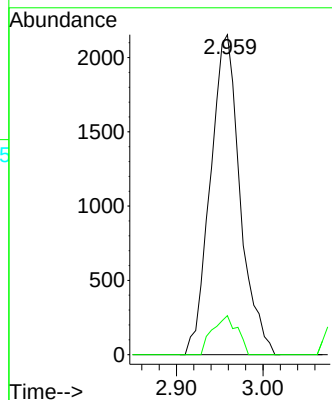
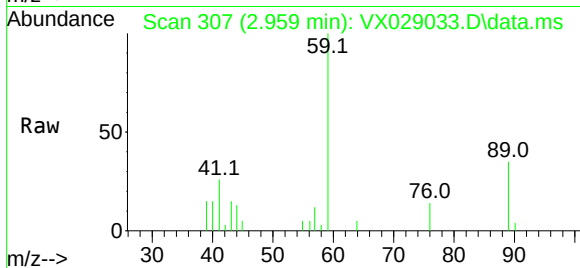
MW-24

Tgt Ion: 59 Resp: 5138

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



#15

Acrylonitrile

Concen: 0.387 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.049 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

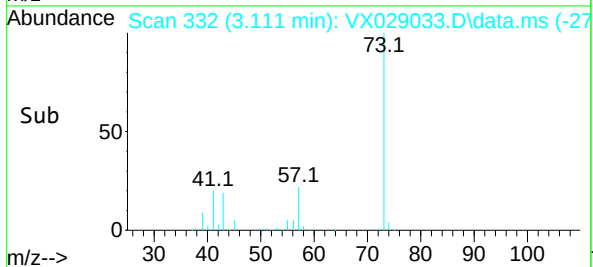
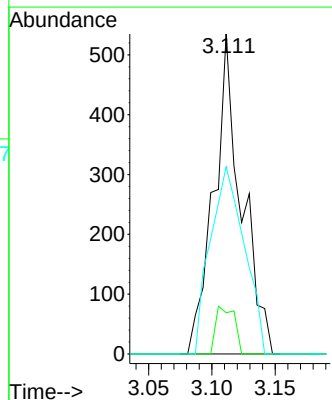
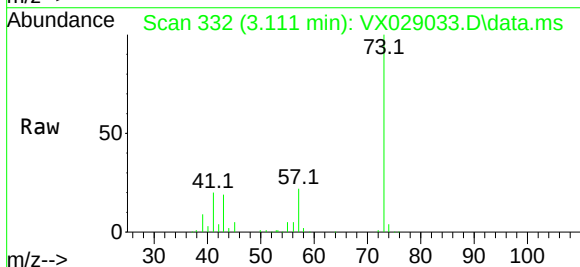
Tgt Ion: 53 Resp: 811

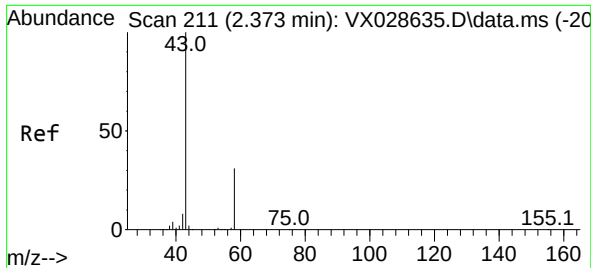
Ion Ratio Lower Upper

53 100

52 10.0 65.7 98.5#

51 72.3 28.4 42.6#





#16

Acetone

Concen: 2.069 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.007 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

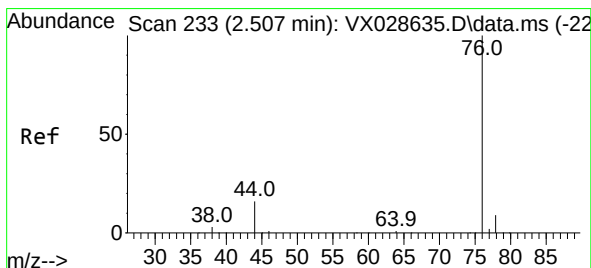
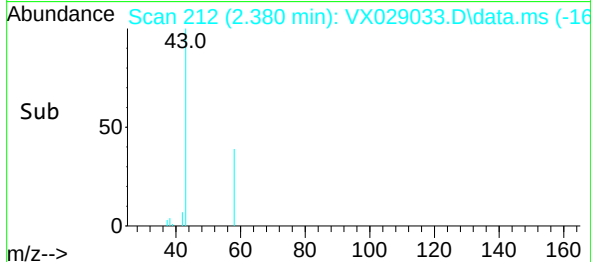
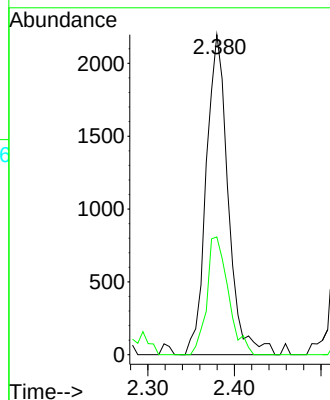
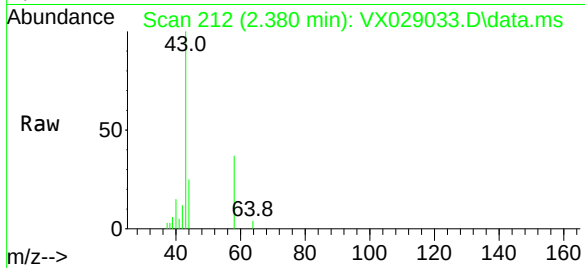
MW-24

Tgt Ion: 43 Resp: 3863

Ion Ratio Lower Upper

43 100

58 36.8 28.8 43.2



#17

Carbon Disulfide

Concen: 0.949 ug/l

RT: 2.526 min Scan# 236

Delta R.T. 0.019 min

Lab File: VX029033.D

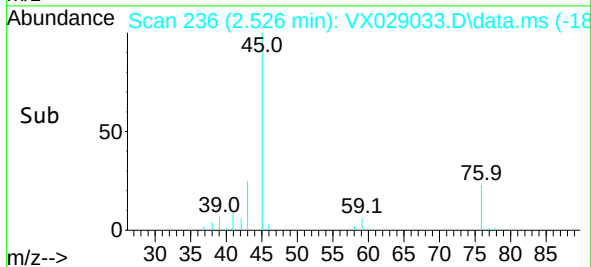
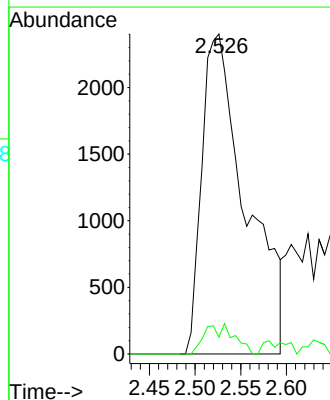
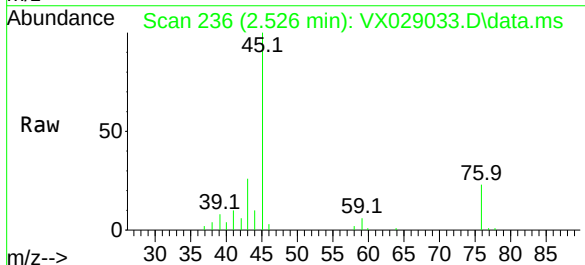
Acq: 27 May 2022 18:44

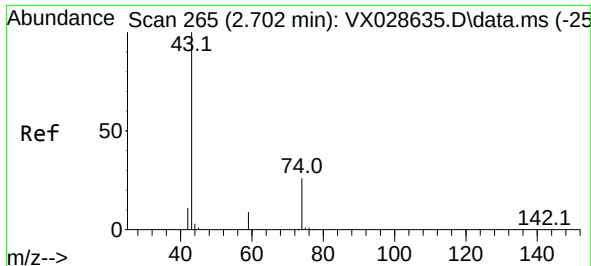
Tgt Ion: 76 Resp: 8084

Ion Ratio Lower Upper

76 100

78 5.2 7.2 10.8#





#18

Methyl Acetate

Concen: 0.204 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.001 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

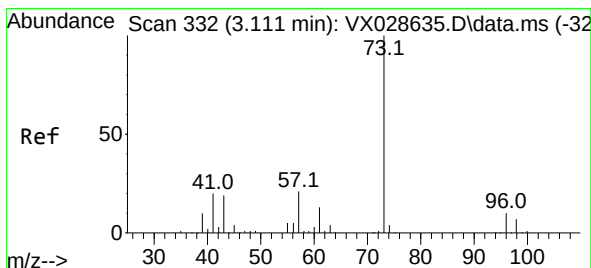
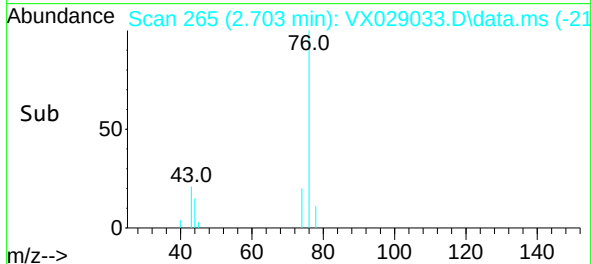
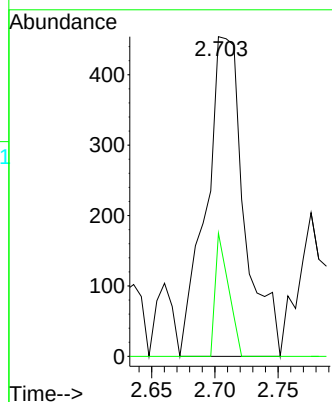
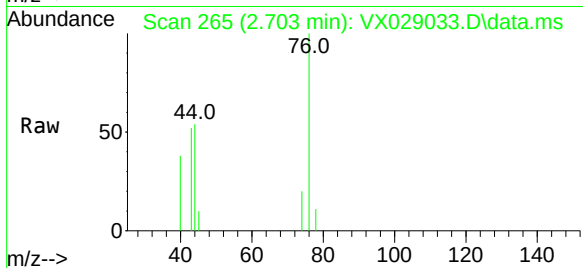
MW-24

Tgt Ion: 43 Resp: 956

Ion Ratio Lower Upper

43 100

74 13.4 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 5.763 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX029033.D

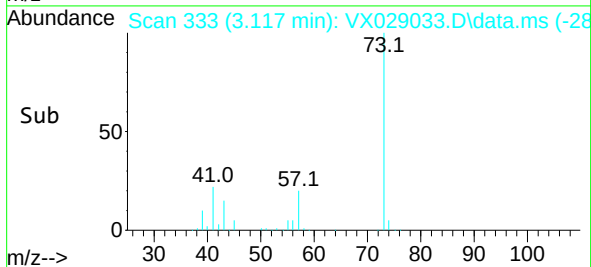
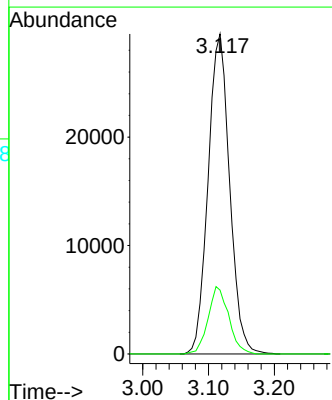
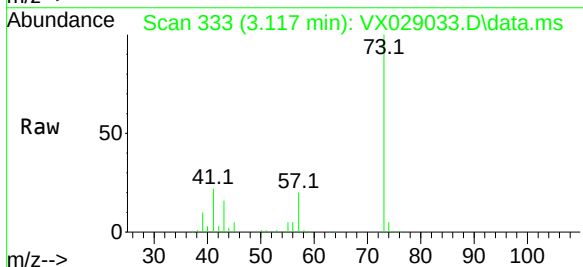
Acq: 27 May 2022 18:44

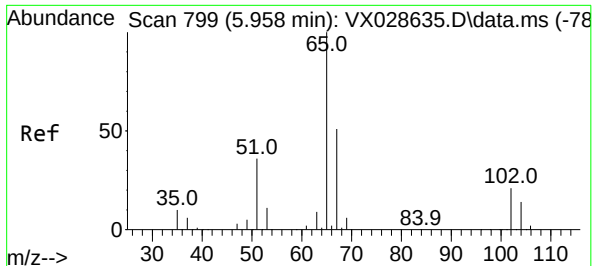
Tgt Ion: 73 Resp: 67189

Ion Ratio Lower Upper

73 100

57 20.0 16.8 25.2





#33

1,2-Dichloroethane-d4

Concen: 49.063 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

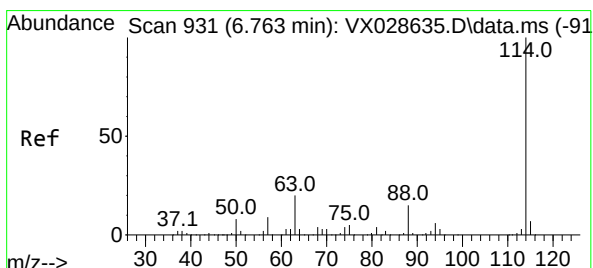
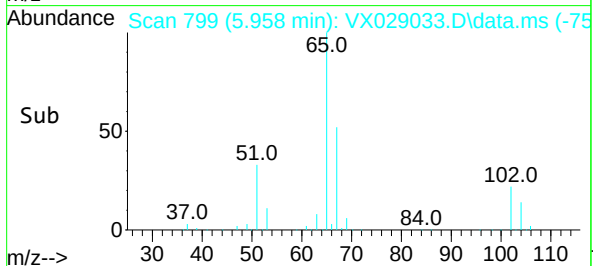
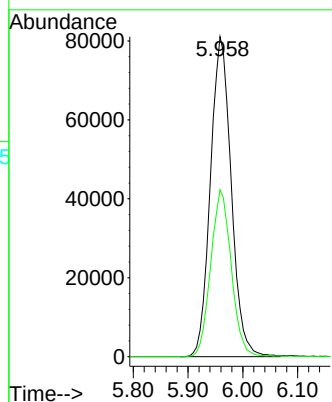
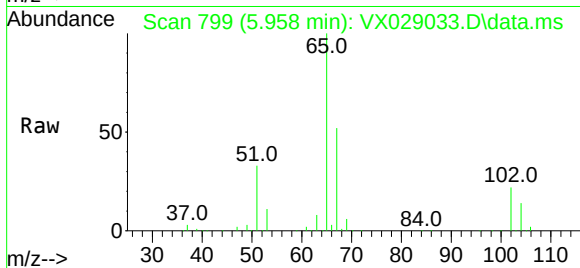
MW-24

Tgt Ion: 65 Resp: 213483

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

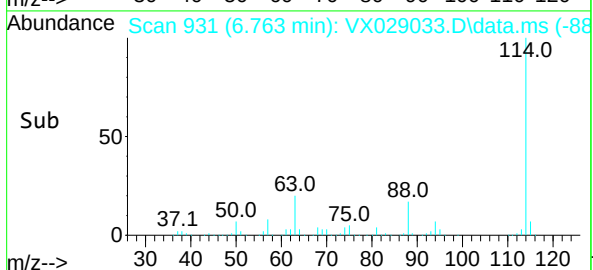
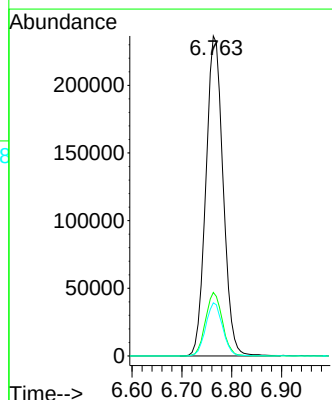
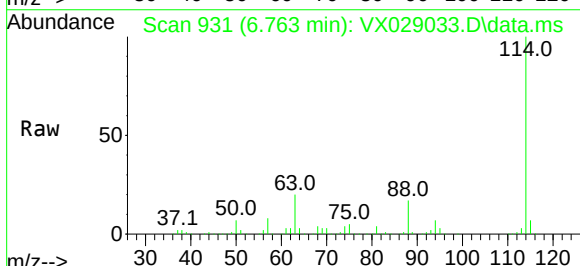
Tgt Ion: 114 Resp: 567130

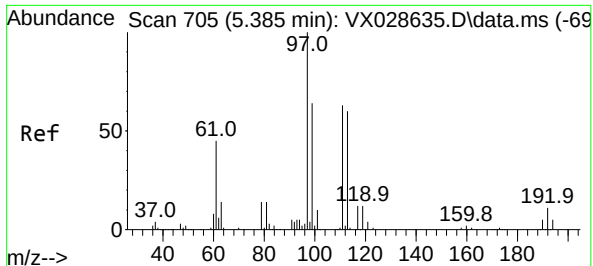
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.455 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

Instrument :

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ClientSampleId :

MW-24

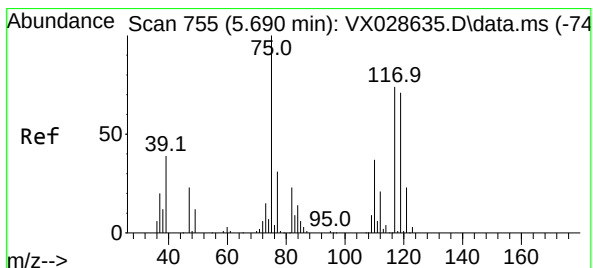
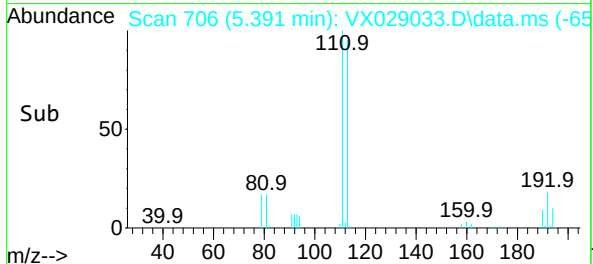
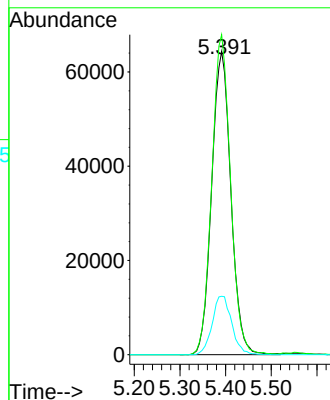
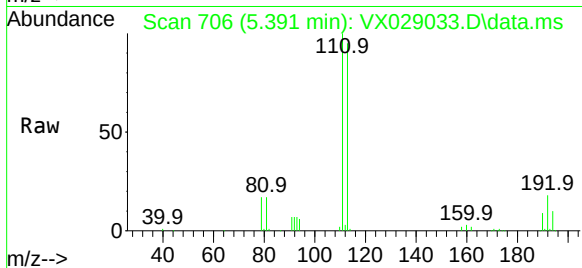
Tgt Ion:113 Resp: 187480

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.222 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX029033.D

Acq: 27 May 2022 18:44

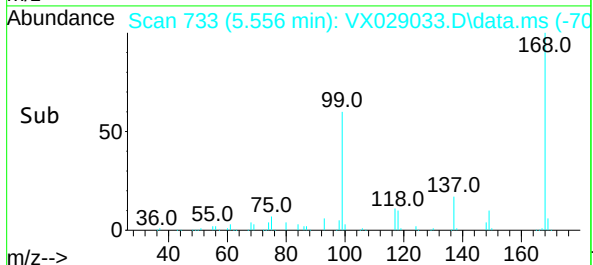
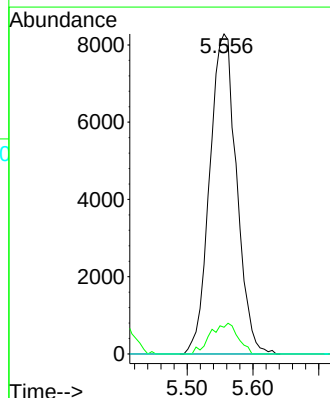
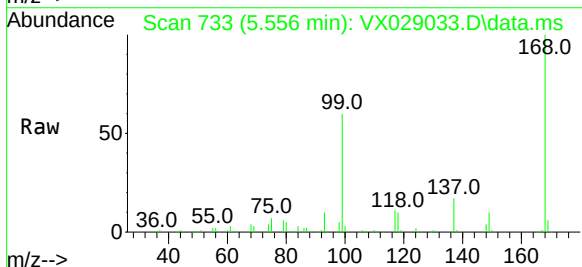
Tgt Ion: 75 Resp: 23562

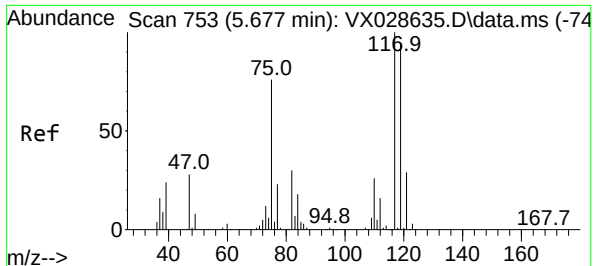
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

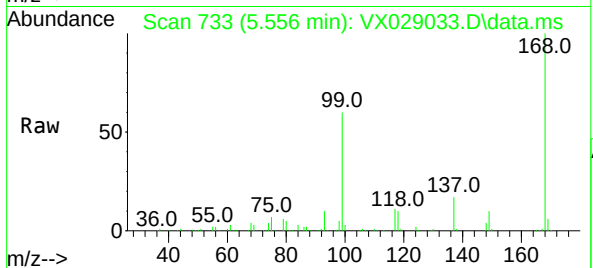
77 0.0 24.8 37.2#



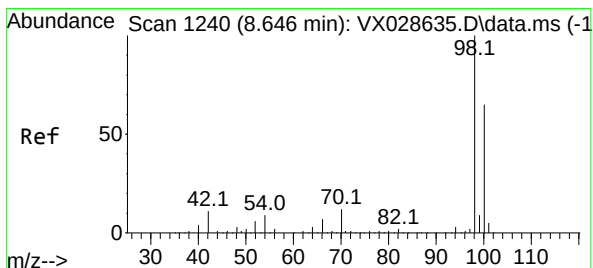
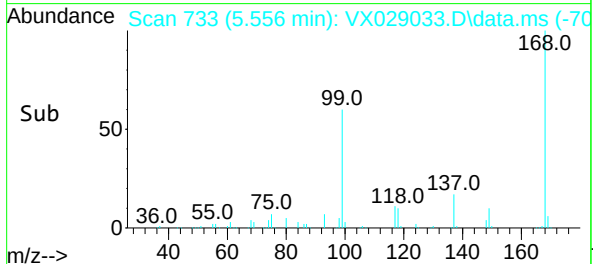
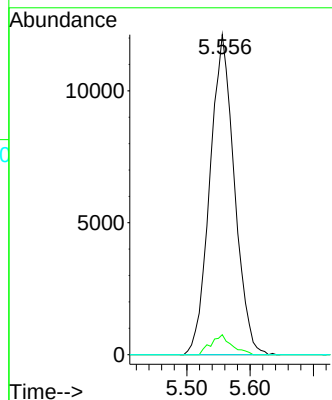


#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MW-24

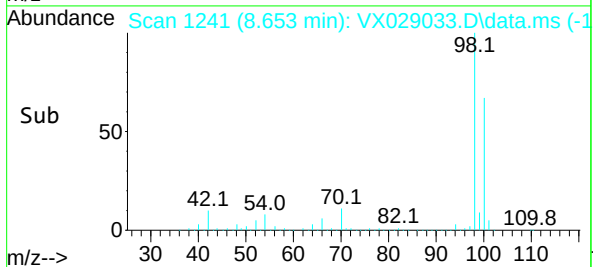
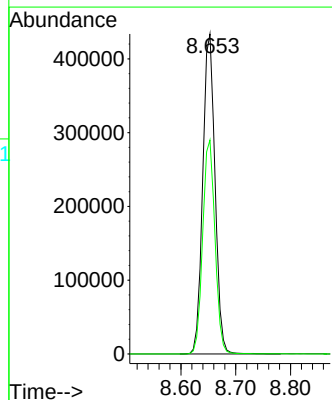
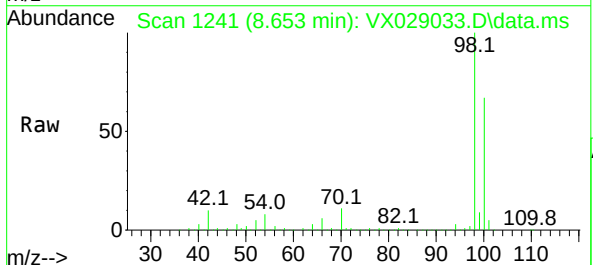


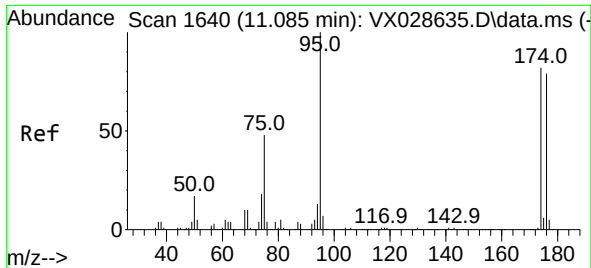
Tgt Ion:117 Resp: 32667
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.005 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion: 98 Resp: 672508
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

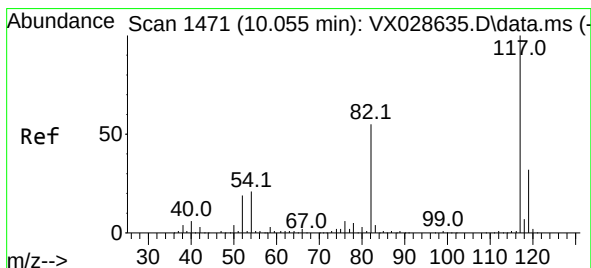
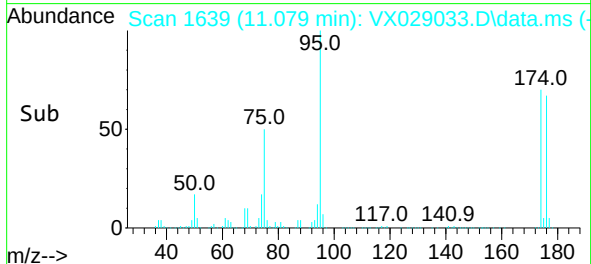
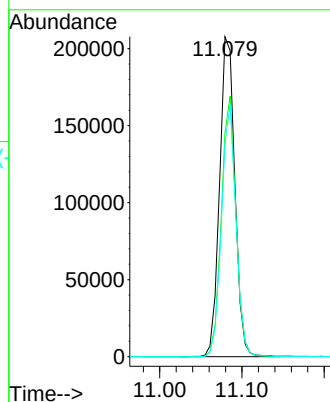
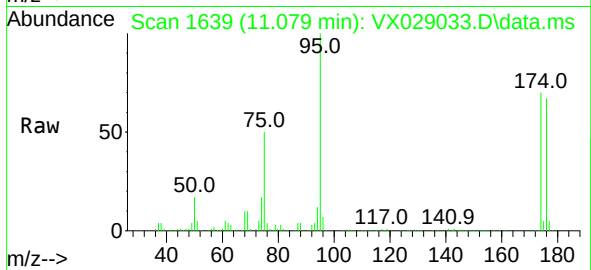




#62
4-Bromofluorobenzene
Concen: 51.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

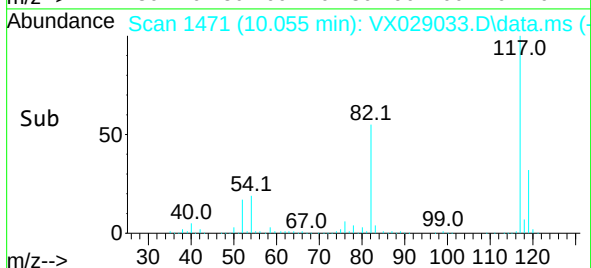
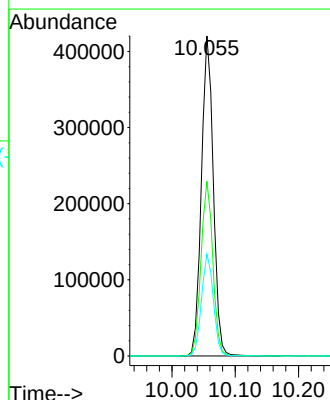
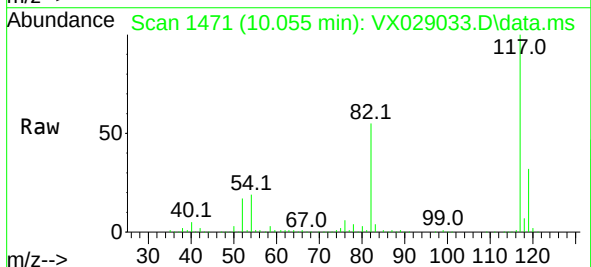
Instrument :
MSVOA_X
ClientSampleId :
MW-24

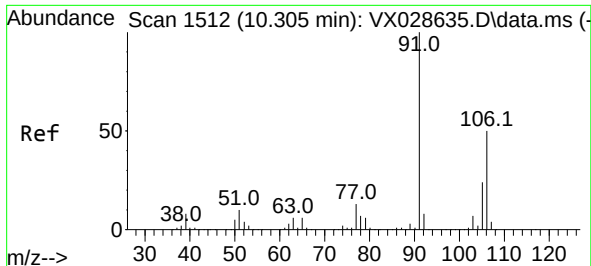
Tgt Ion: 95 Resp: 267967
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 74.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion: 117 Resp: 551168
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 31.8 24.8 37.2

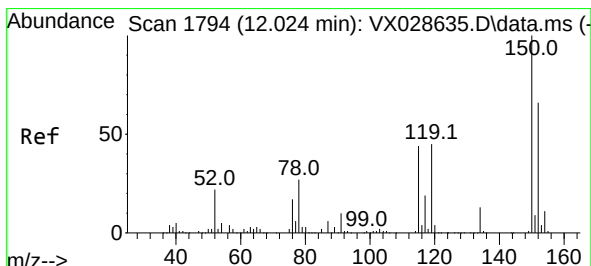
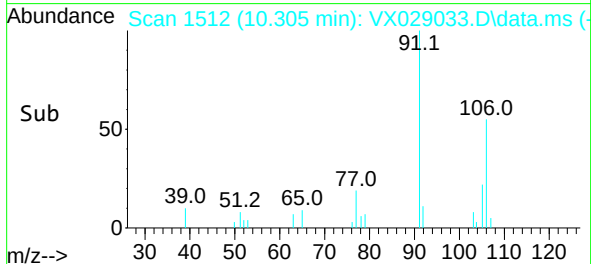
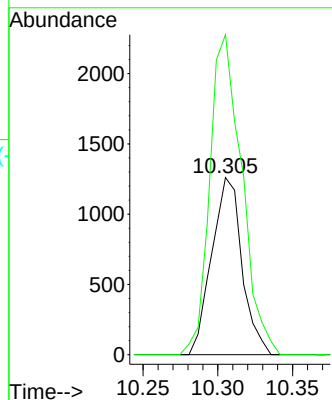
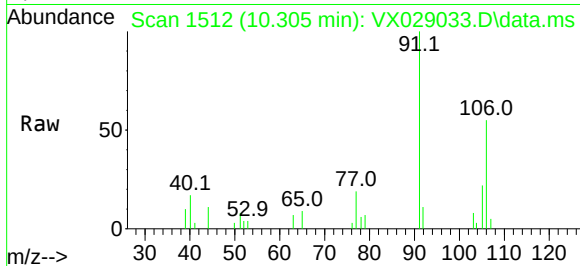




#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

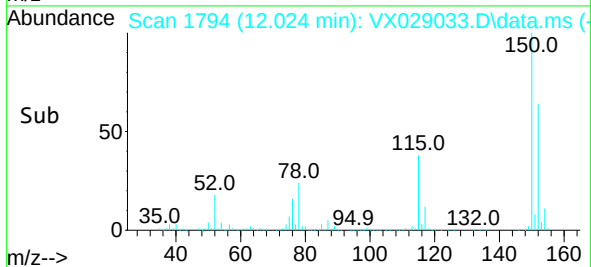
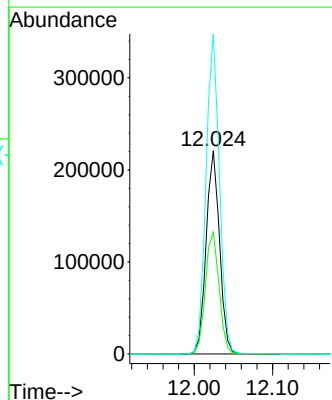
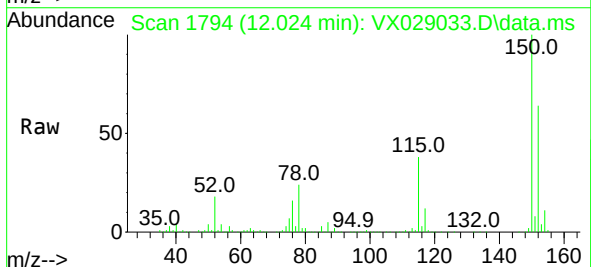
Instrument :
MSVOA_X
ClientSampleId :
MW-24

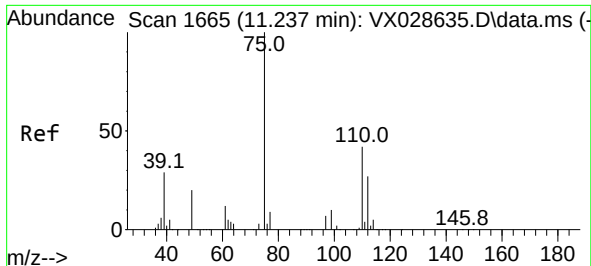
Tgt Ion:106 Resp: 1772
Ion Ratio Lower Upper
106 100
91 191.1 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion:152 Resp: 261762
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 157.7 0.0 338.2

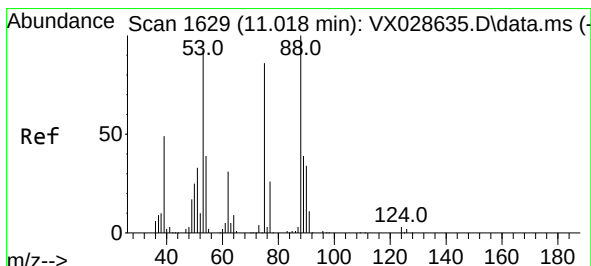
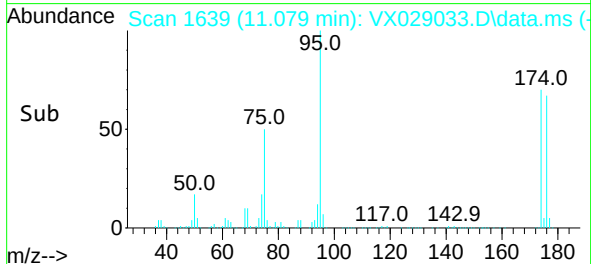
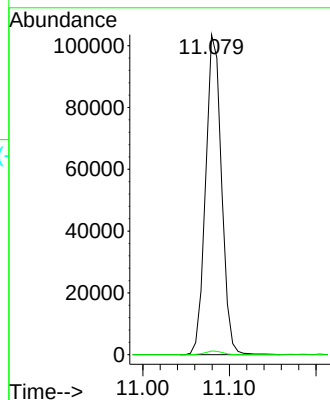
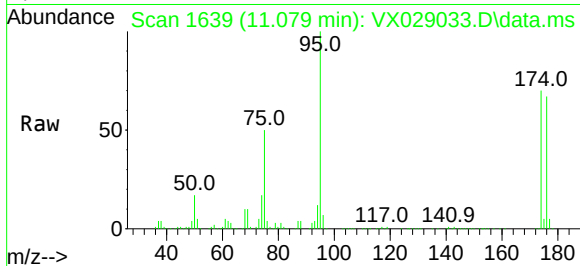




#76
1,2,3-Trichloropropane
Concen: 21.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

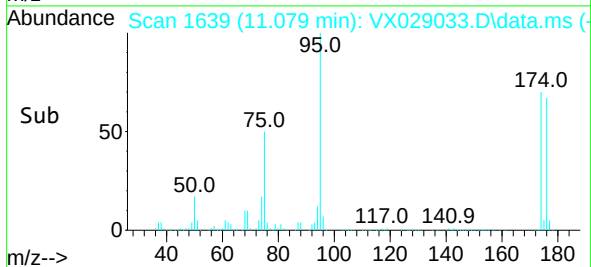
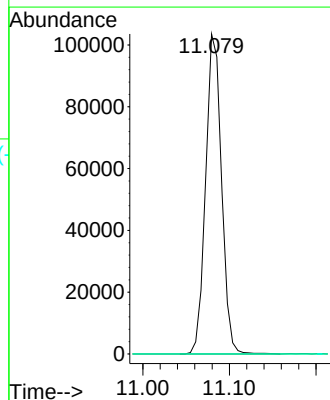
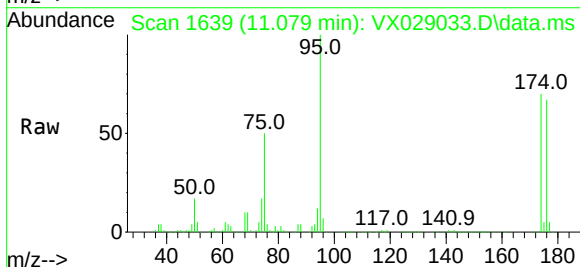
Instrument :
MSVOA_X
ClientSampleId :
MW-24

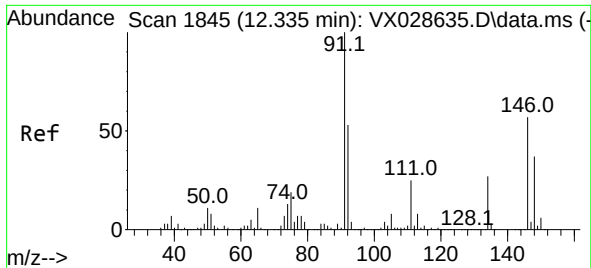
Tgt Ion: 75 Resp: 131982
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion: 75 Resp: 131982
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

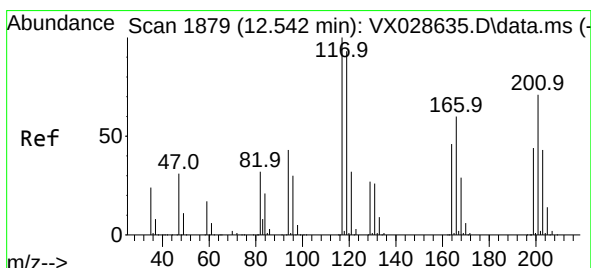
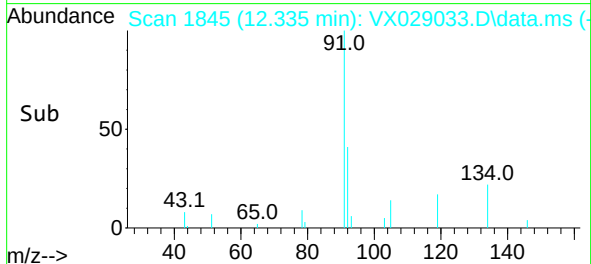
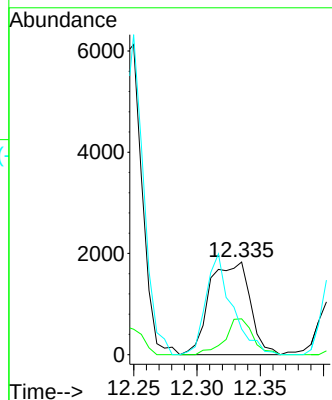
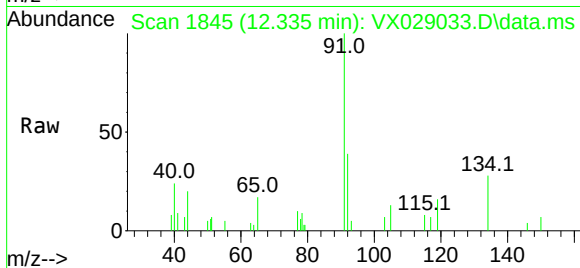




#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 91 Resp: 4051
Ion Ratio Lower Upper
91 100
92 26.6 27.8 83.3#
134 71.5 13.3 39.8#



#90
Hexachloroethane
Concen: 4.335 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX029033.D
Acq: 27 May 2022 18:44

Tgt Ion: 117 Resp: 11620
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

