

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031746.D
 Acq On : 28 Sep 2022 23:50
 Operator : JC/MD
 Sample : N4863-02 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Sep 29 04:36:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

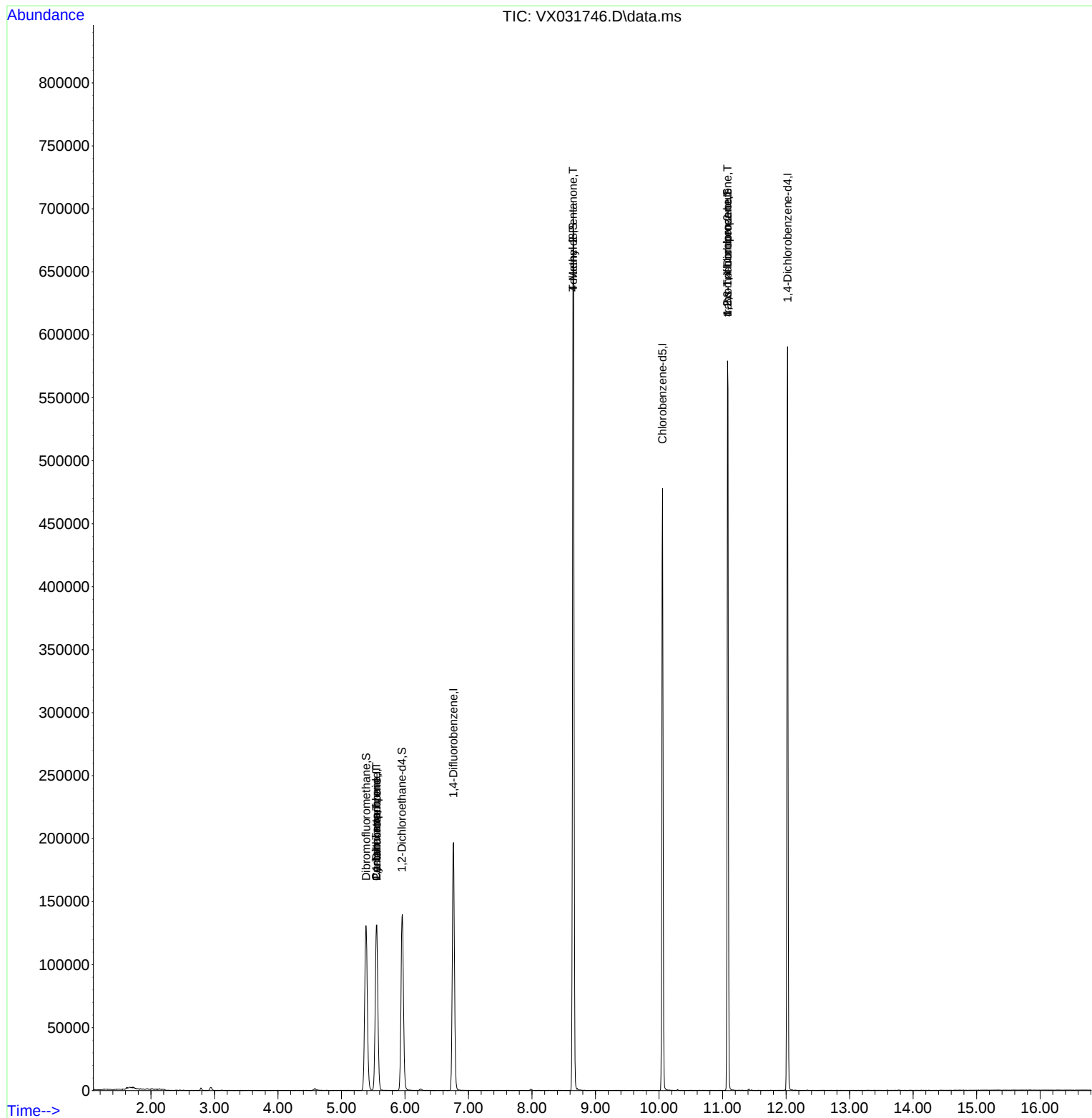
Internal Standards						
1) Pentafluorobenzene	5.556	168	126397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135887	50.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.300%
35) Dibromofluoromethane	5.385	113	112630	45.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.647	98	425119	47.734	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.079	95	148335	45.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	78	Below Cal	#	41
5) Bromomethane	1.617	94	514	Below Cal		83
6) Chloroethane	1.922	64	45	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	24	Below Cal	#	18
11) Tert butyl alcohol	2.934	59	1547	Below Cal	#	73
16) Acetone	2.386	43	252	Below Cal	#	45
17) Carbon Disulfide	2.514	76	228	Below Cal	#	75
20) Methylene Chloride	2.788	84	827	Below Cal		88
31) Cyclohexane	5.550	56	2826	1.108	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	9727	3.448	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12845	4.040	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1671	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	78985	36.266	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	78985	118.898	ug/l #	11

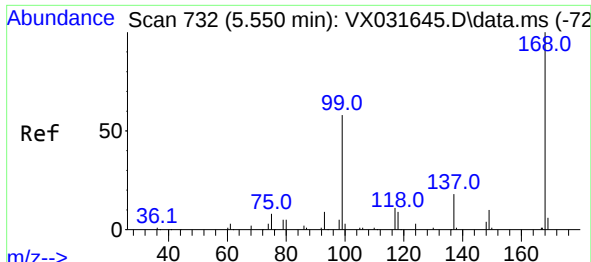
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX031746.D

Acq: 28 Sep 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

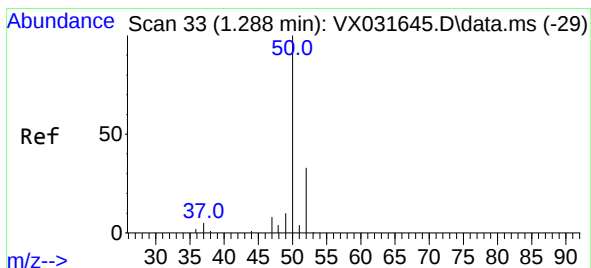
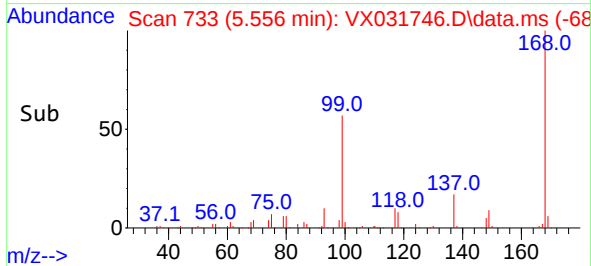
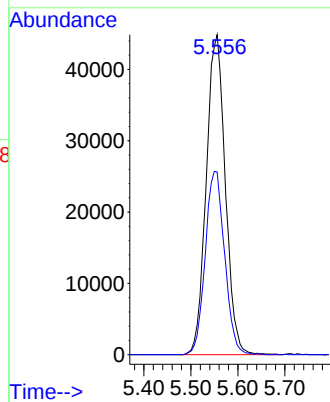
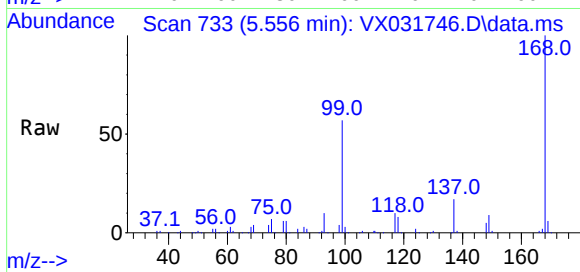
MW-2R

Tgt Ion:168 Resp: 126397

Ion Ratio Lower Upper

168 100

99 57.1 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.300 min Scan# 35

Delta R.T. 0.012 min

Lab File: VX031746.D

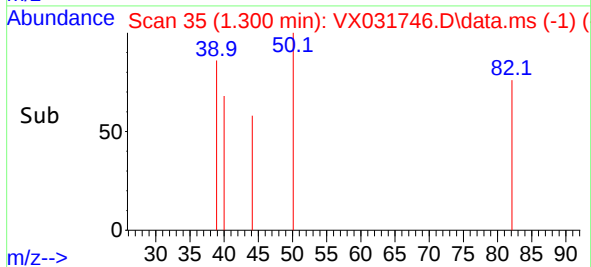
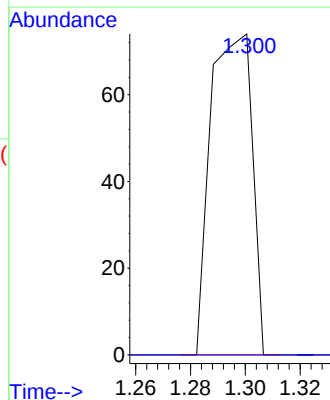
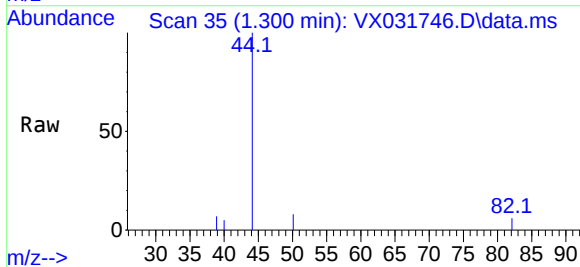
Acq: 28 Sep 2022 23:50

Tgt Ion: 50 Resp: 78

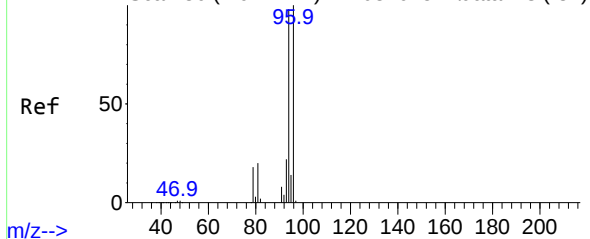
Ion Ratio Lower Upper

50 100

52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031746.D

Acq: 28 Sep 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

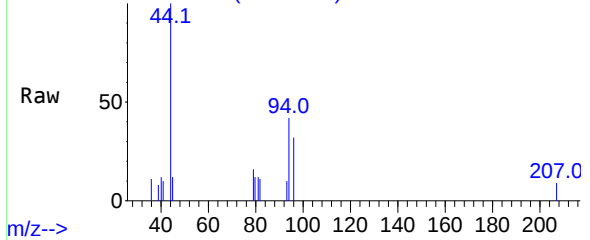
Tgt Ion: 94 Resp: 514

Ion Ratio Lower Upper

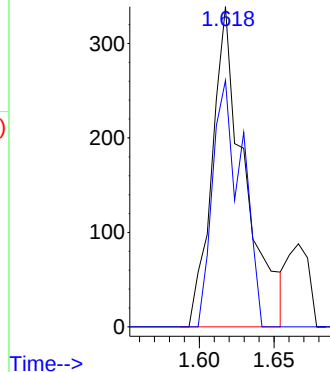
94 100

96 77.0 74.4 111.6

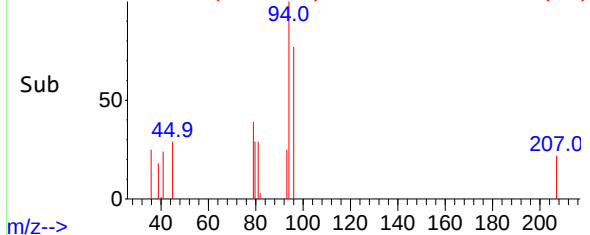
Abundance Scan 87 (1.617 min): VX031746.D\data.ms



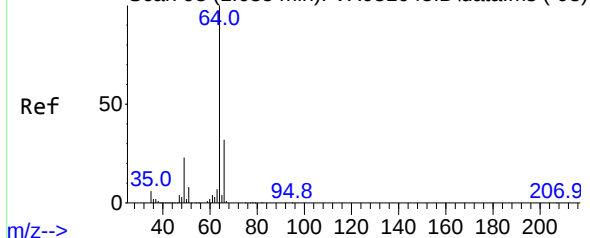
Abundance



Abundance Scan 87 (1.617 min): VX031746.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.922 min Scan# 137

Delta R.T. 0.237 min

Lab File: VX031746.D

Acq: 28 Sep 2022 23:50

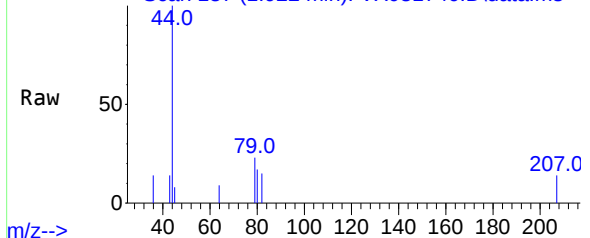
Tgt Ion: 64 Resp: 45

Ion Ratio Lower Upper

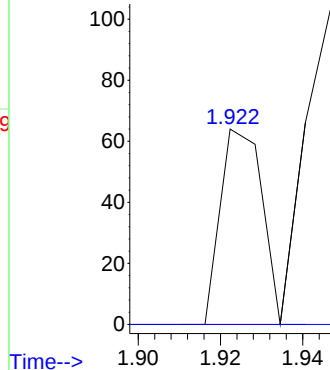
64 100

66 0.0 25.0 37.4#

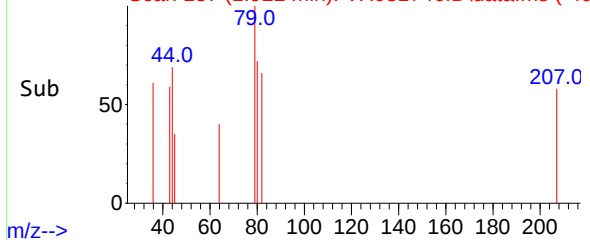
Abundance Scan 137 (1.922 min): VX031746.D\data.ms

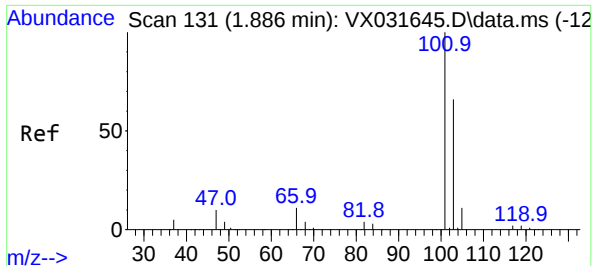


Abundance



Abundance Scan 137 (1.922 min): VX031746.D\data.ms (-49)

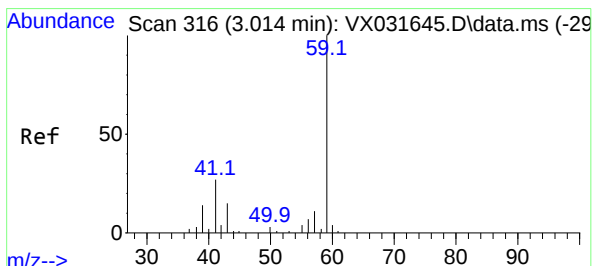
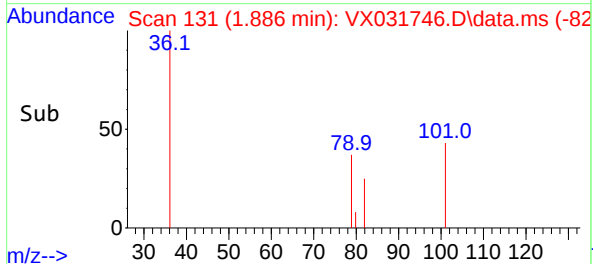
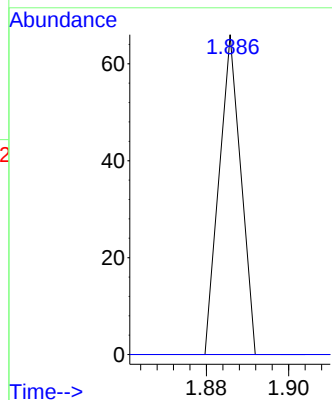
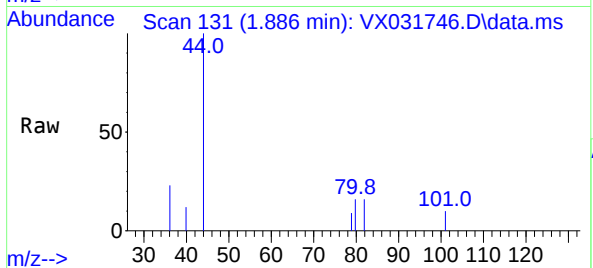




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

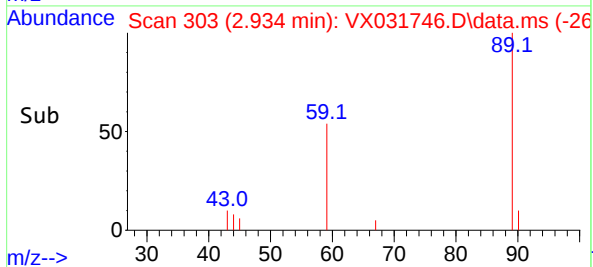
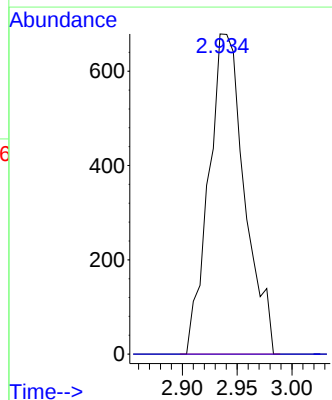
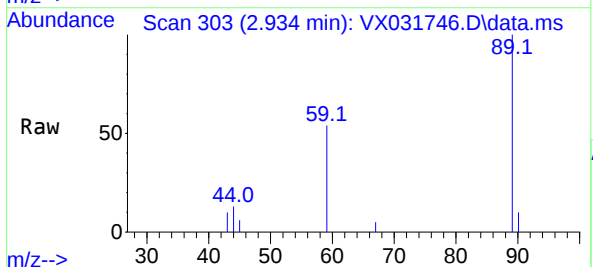
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

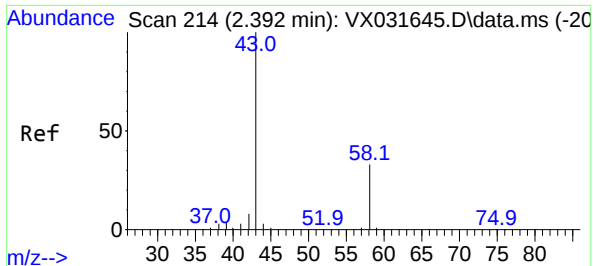
Tgt Ion:101 Resp: 24
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.055 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion: 59 Resp: 1547
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

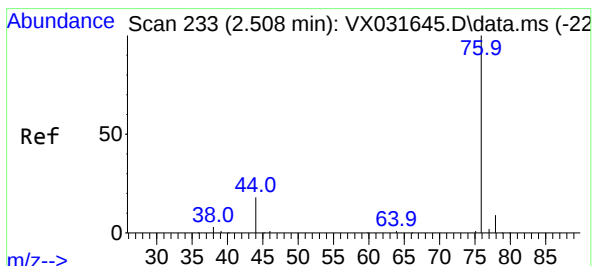
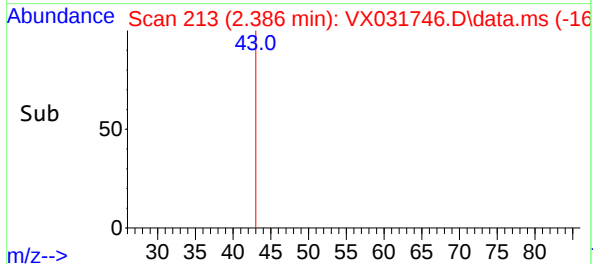
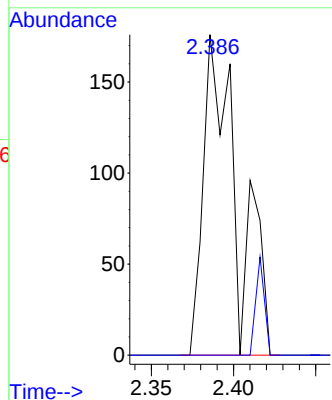
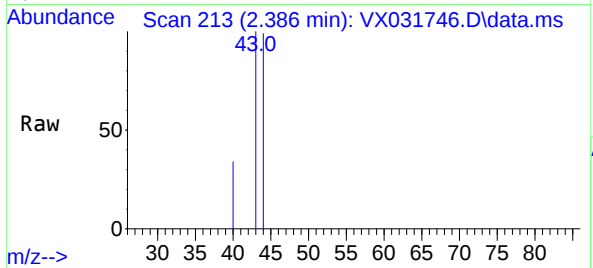




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

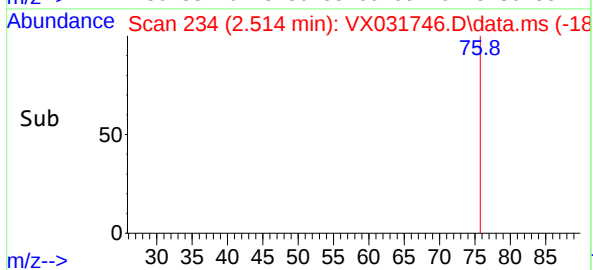
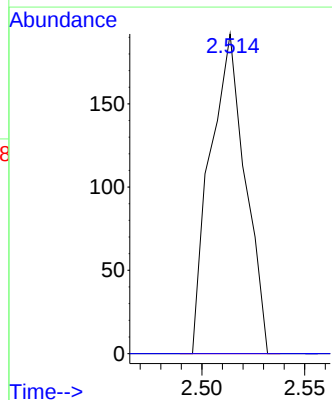
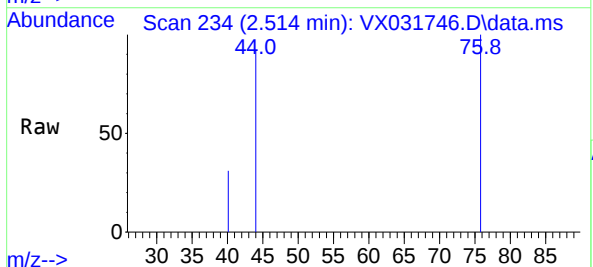
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

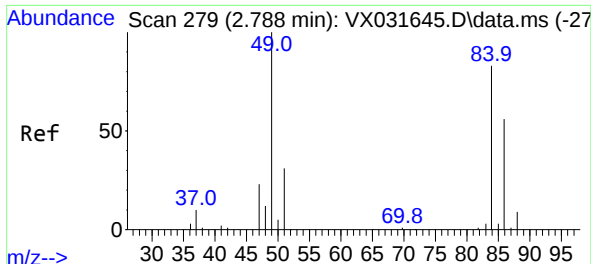
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion: 76 Resp: 228
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



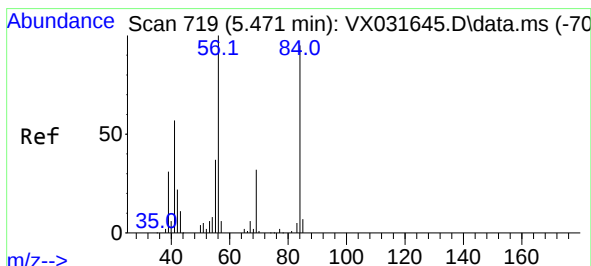
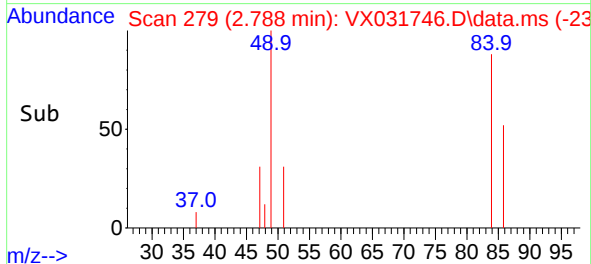
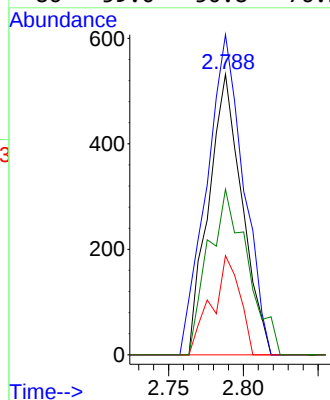
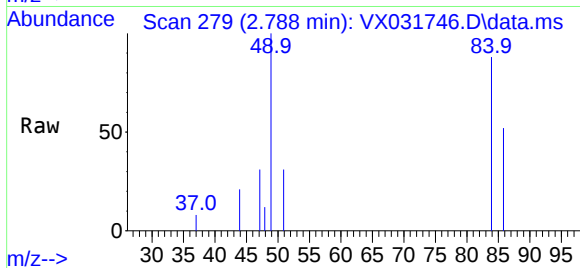


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 84 Resp: 827

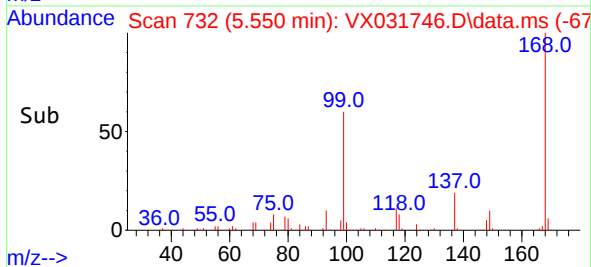
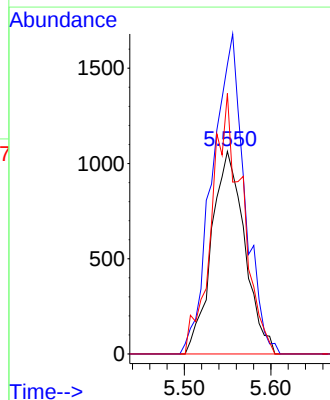
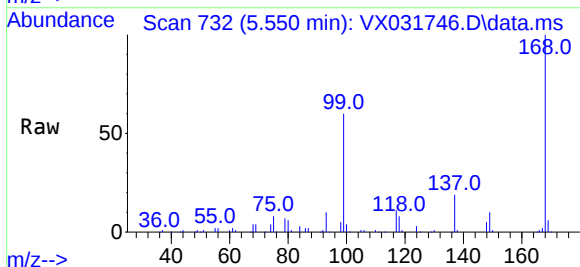
Ion	Ratio	Lower	Upper
84	100		
49	114.1	105.9	158.9
51	35.3	32.2	48.2
86	59.0	50.8	76.2

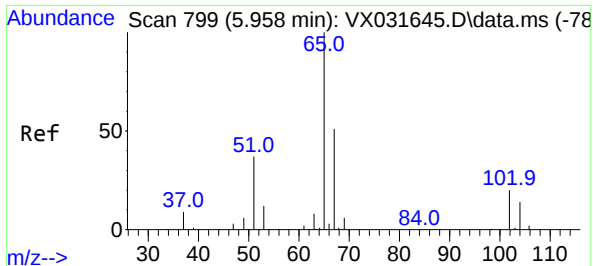


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion: 56 Resp: 2826

Ion	Ratio	Lower	Upper
56	100		
69	142.9	25.1	37.7#
84	128.6	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 50.654 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031746.D

Acq: 28 Sep 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

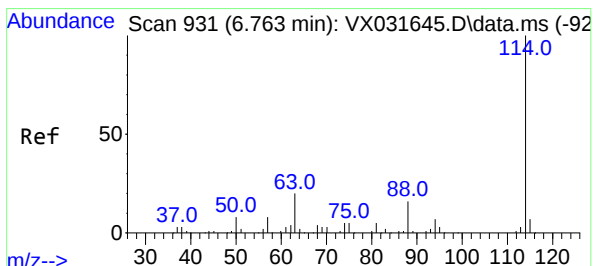
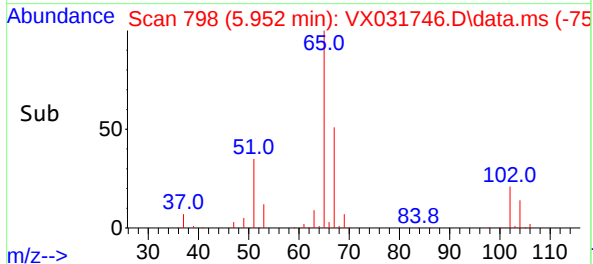
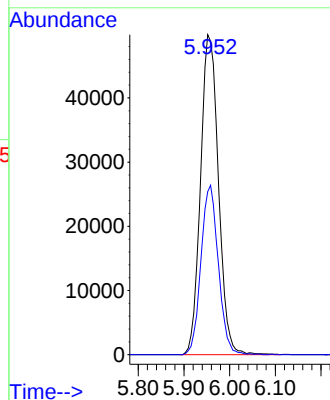
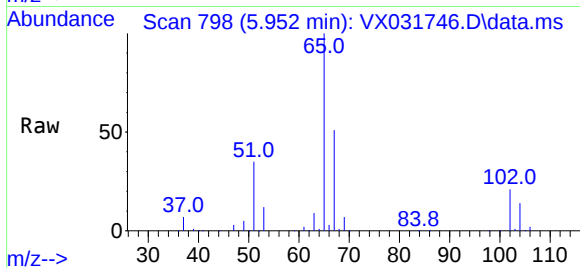
MW-2R

Tgt Ion: 65 Resp: 135887

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031746.D

Acq: 28 Sep 2022 23:50

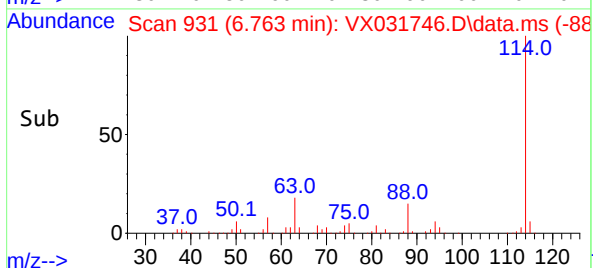
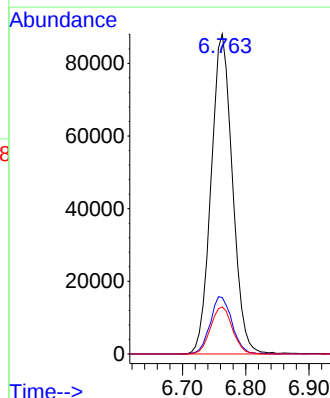
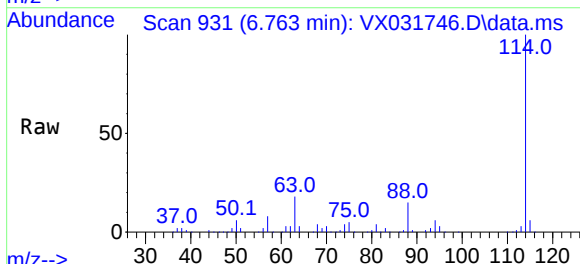
Tgt Ion: 114 Resp: 206171

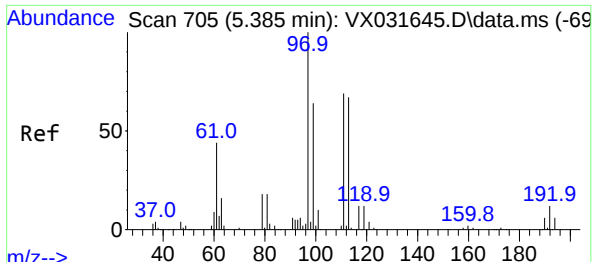
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.6

88 14.7 0.0 33.0

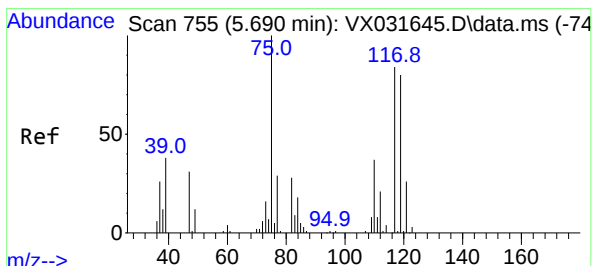
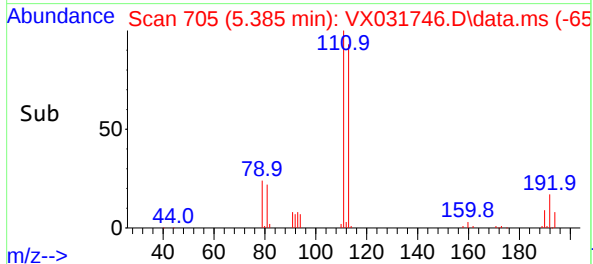
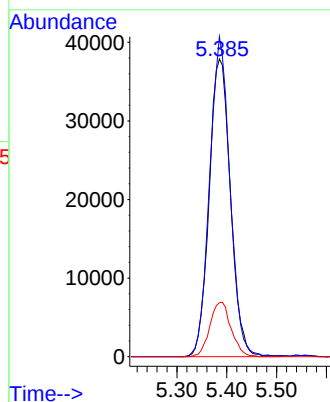
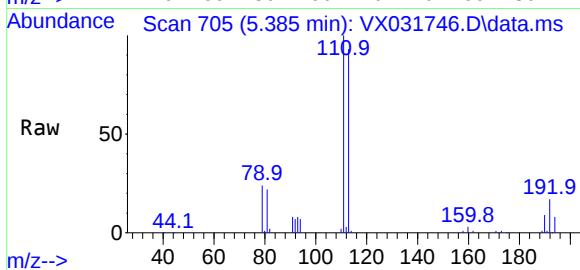




#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

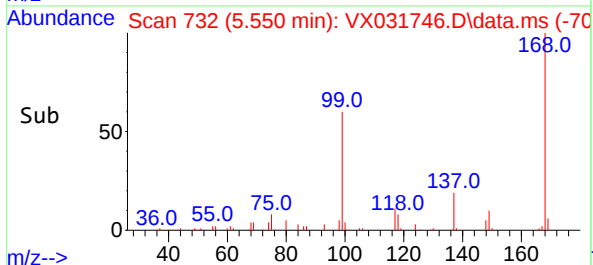
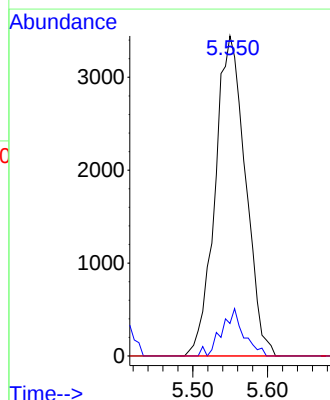
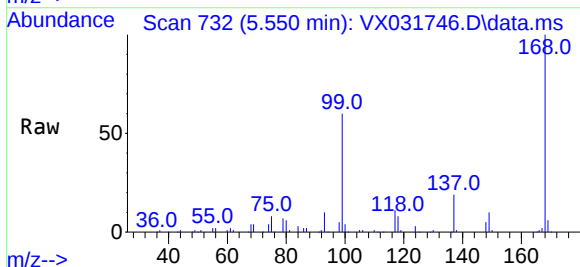
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

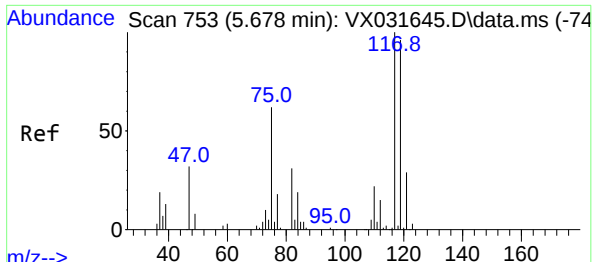
Tgt Ion:113 Resp: 112630
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.448 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

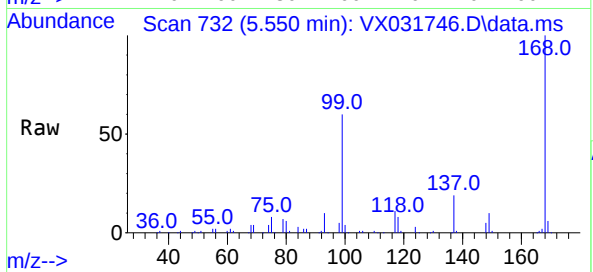
Tgt Ion: 75 Resp: 9727
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.9 37.3#



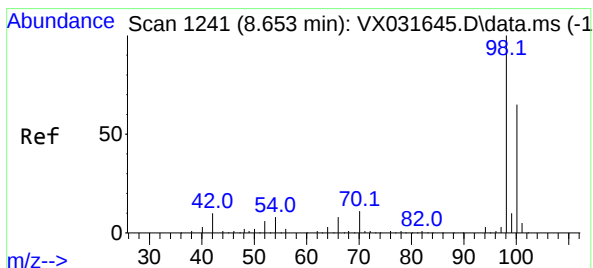
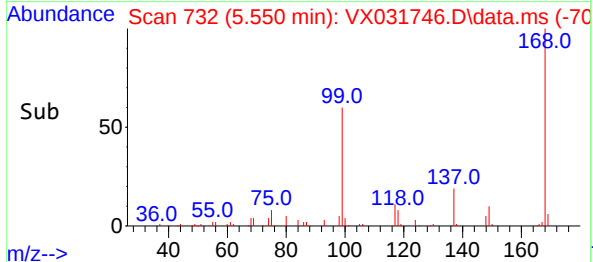
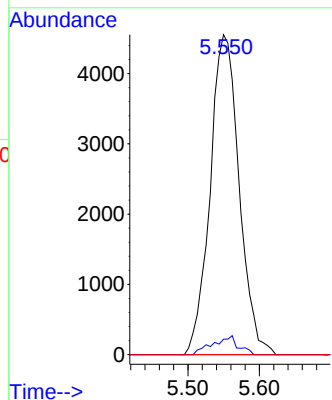


#38
Carbon Tetrachloride
Concen: 4.040 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

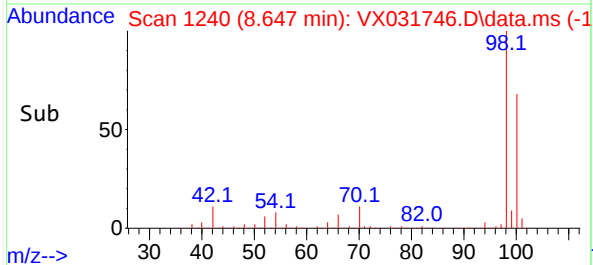
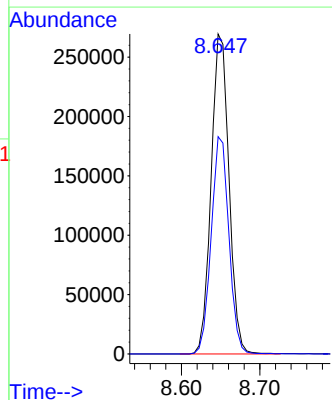
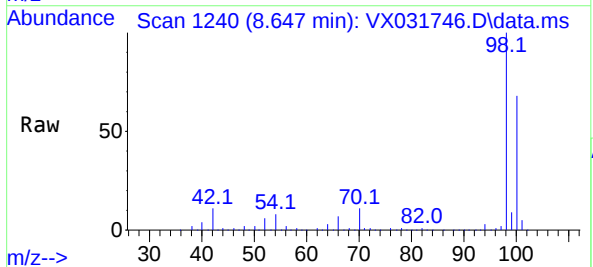


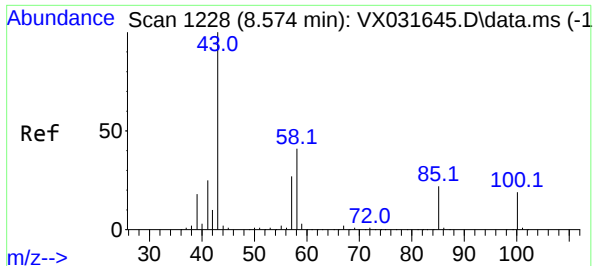
Tgt Ion:117 Resp: 12845
Ion Ratio Lower Upper
117 100
119 4.9 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.734 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion: 98 Resp: 425119
Ion Ratio Lower Upper
98 100
100 67.5 52.5 78.7

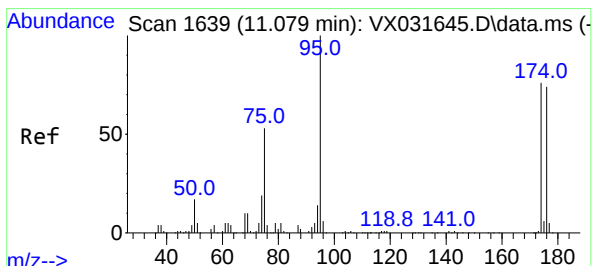
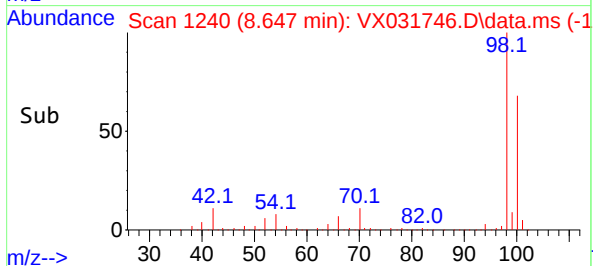
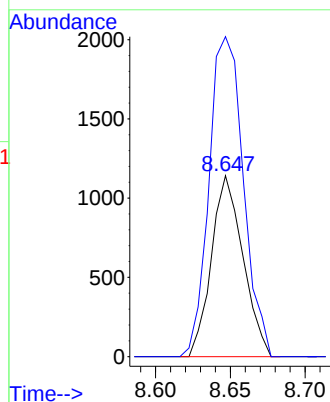
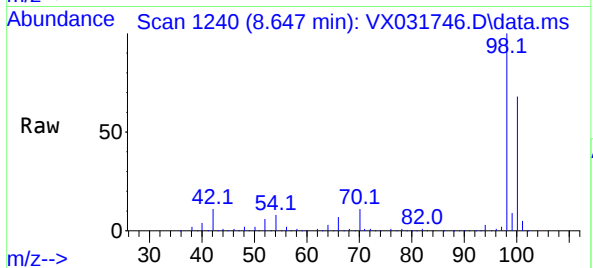




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

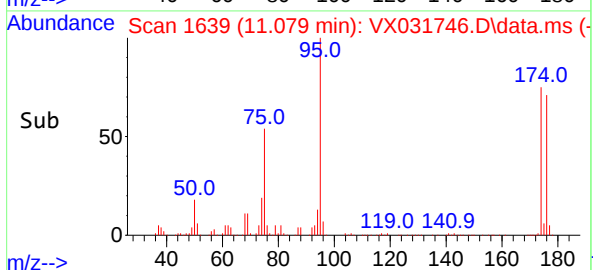
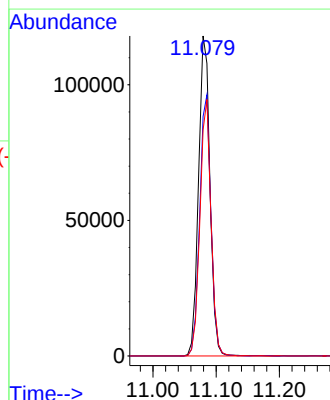
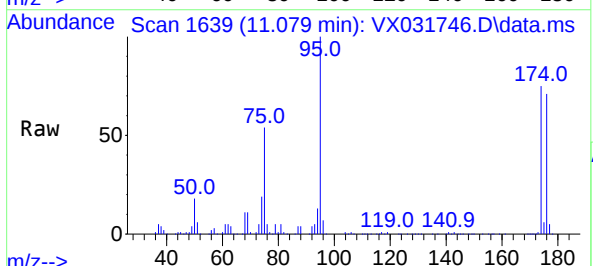
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

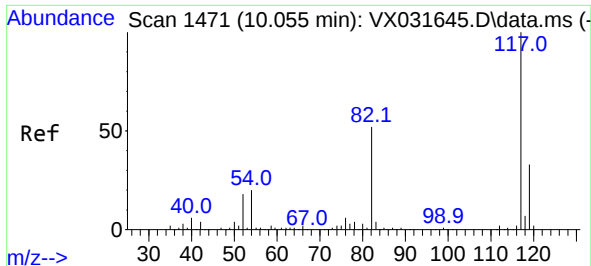
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 193.1 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion: 95 Resp: 148335
Ion Ratio Lower Upper
95 100
174 80.5 0.0 153.2
176 77.8 0.0 144.0

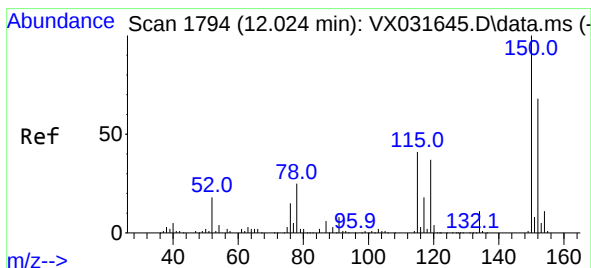
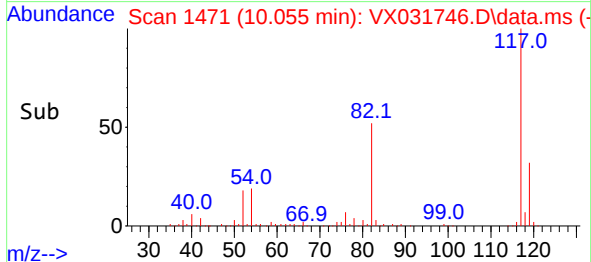
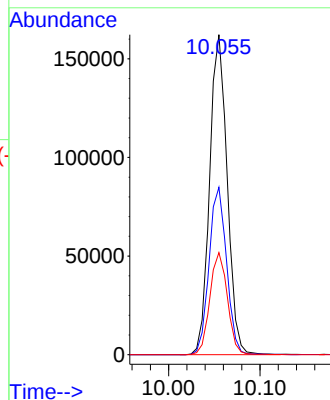
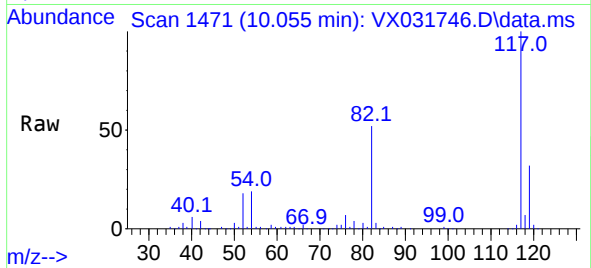




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

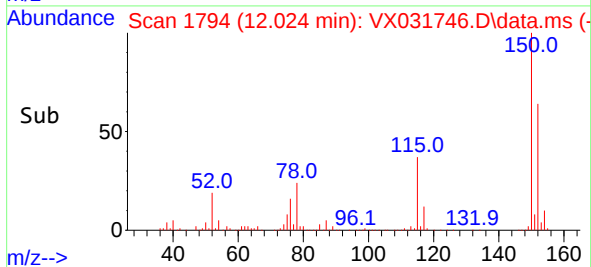
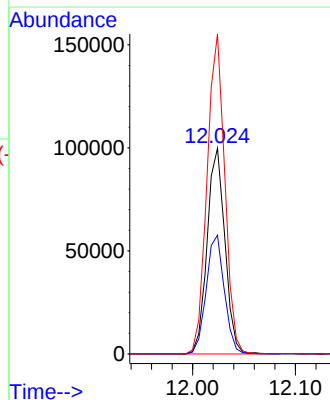
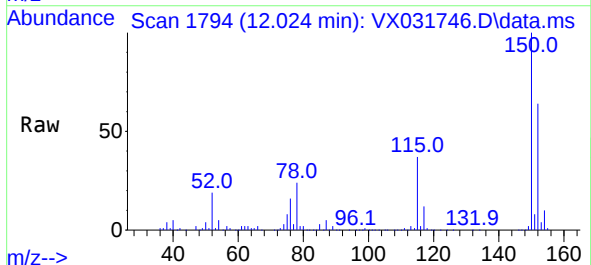
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

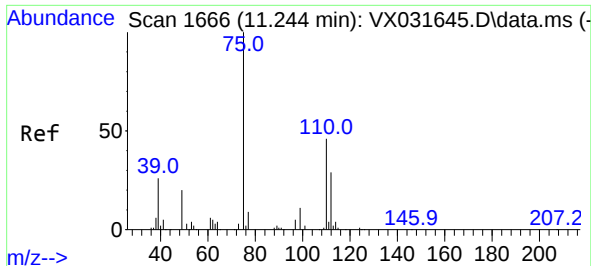
Tgt Ion:117 Resp: 215873
Ion Ratio Lower Upper
117 100
82 52.3 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion:152 Resp: 120137
Ion Ratio Lower Upper
152 100
115 58.9 43.4 130.1
150 155.2 0.0 346.8

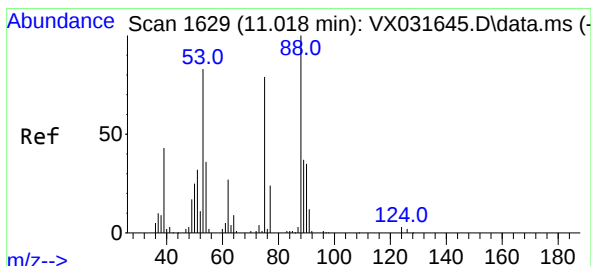
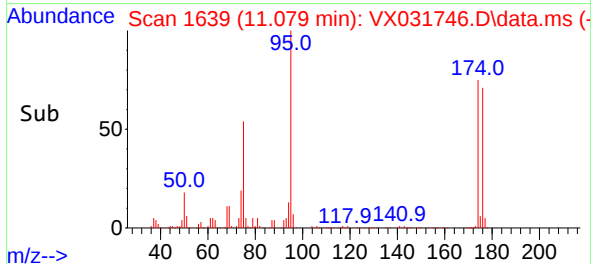
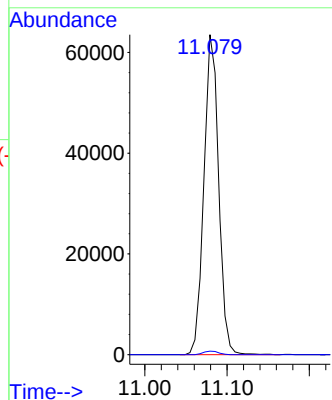
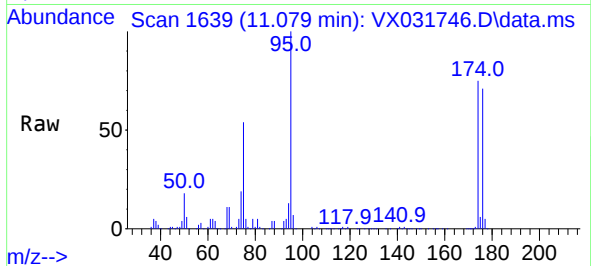




#76
1,2,3-Trichloropropane
Concen: 36.266 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 75 Resp: 78985
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.898 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031746.D
Acq: 28 Sep 2022 23:50

Tgt Ion: 75 Resp: 78985
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

