

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033081.D
 Acq On : 28 Nov 2022 10:51
 Operator : JC/MD
 Sample : VX1128MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1128MBL01

Quant Time: Nov 29 01:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78528	52.467	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.940%	
35) Dibromofluoromethane	5.385	113	62630	45.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.700%	
50) Toluene-d8	8.647	98	212781	51.853	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	11.079	95	77711	43.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.620%	

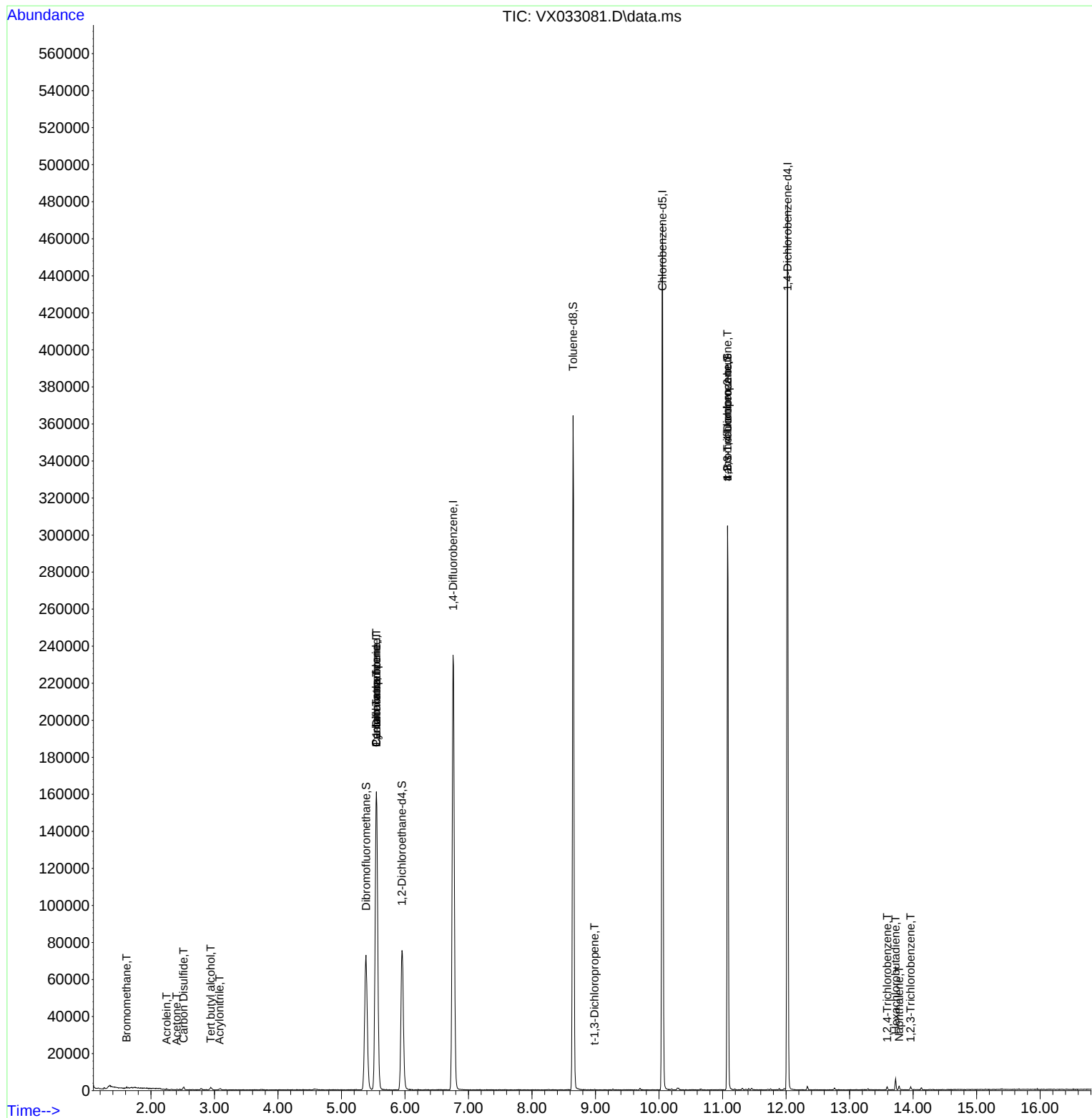
Target Compounds				Qvalue		
5) Bromomethane	1.618	94	347	0.332	ug/l #	38
11) Tert butyl alcohol	2.940	59	739	3.116	ug/l #	72
13) Acrolein	2.245	56	133	0.488	ug/l #	57
15) Acrylonitrile	3.081	53	202	0.301	ug/l #	71
16) Acetone	2.404	43	207	0.296	ug/l #	45
17) Carbon Disulfide	2.514	76	1868	0.504	ug/l	100
20) Methylene Chloride	2.788	84	359	Below Cal	#	93
31) Cyclohexane	5.550	56	3294	1.359	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	11944	5.469	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15791	6.517	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	170	1.584	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	41757	22.172	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41757	72.070	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	538	0.274	ug/l	94
94) Hexachlorobutadiene	13.725	225	796	0.918	ug/l	87
95) Naphthalene	13.780	128	1612	0.254	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	437	0.222	ug/l	84

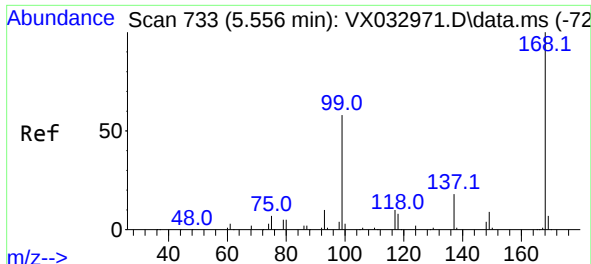
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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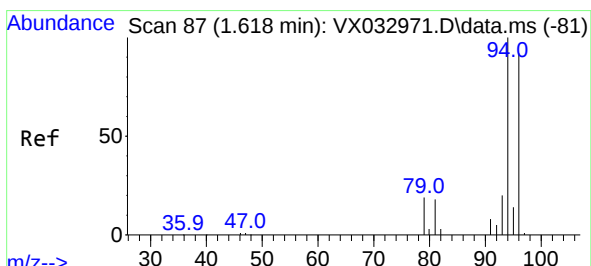
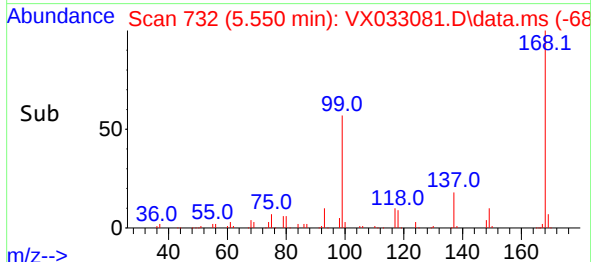
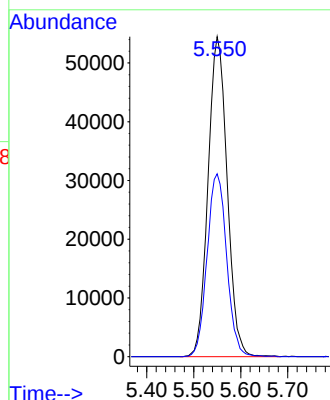
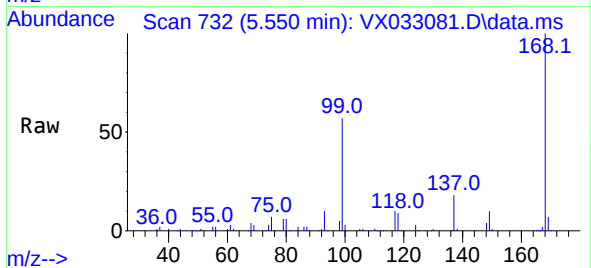




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

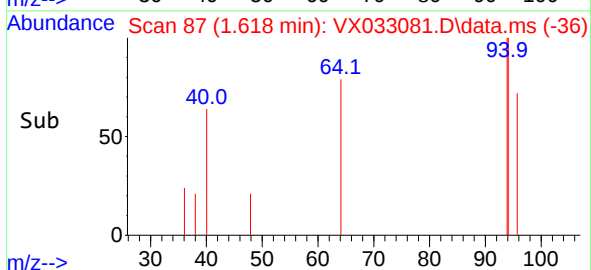
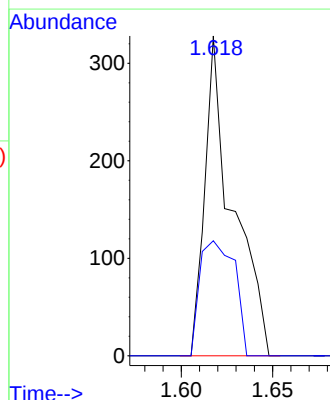
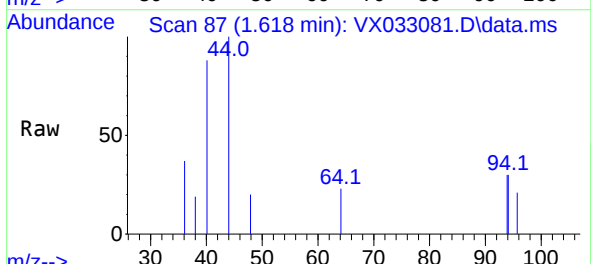
Instrument :
MSVOA_X
ClientSampleId :
VX1128MBL01

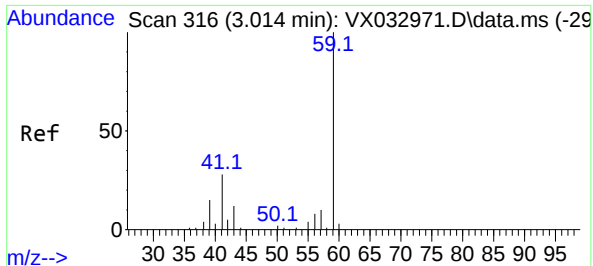
Tgt Ion:168 Resp: 153624
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#5
Bromomethane
Concen: 0.332 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 36.0 77.6 116.4#





#11

Tert butyl alcohol

Concen: 3.116 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX033081.D

Acq: 28 Nov 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

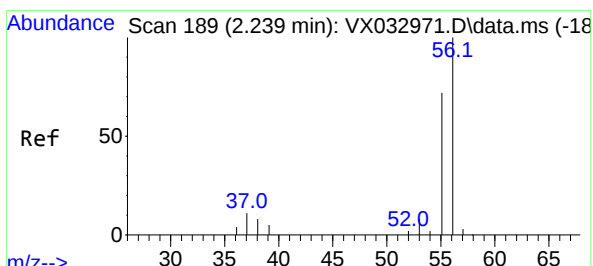
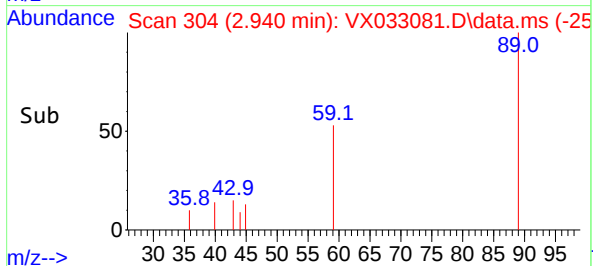
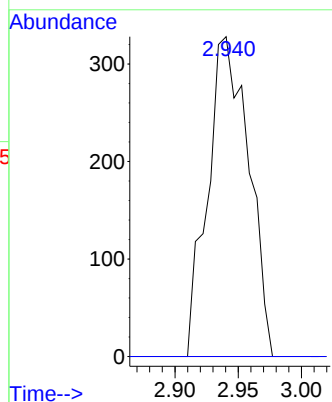
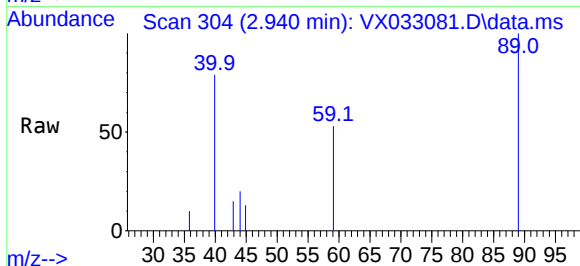
VX1128MBL01

Tgt Ion: 59 Resp: 739

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.488 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX033081.D

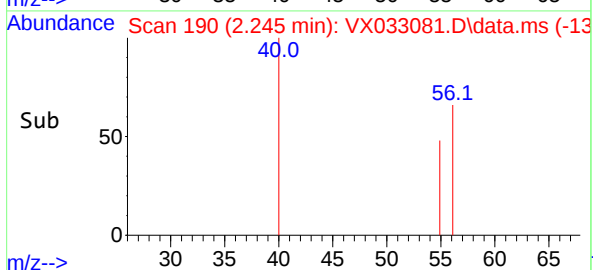
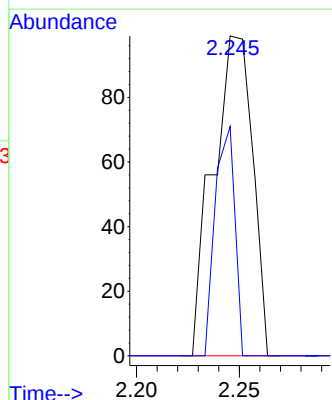
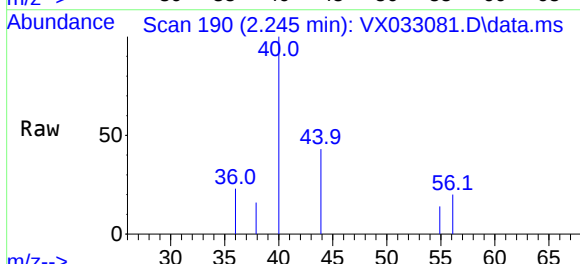
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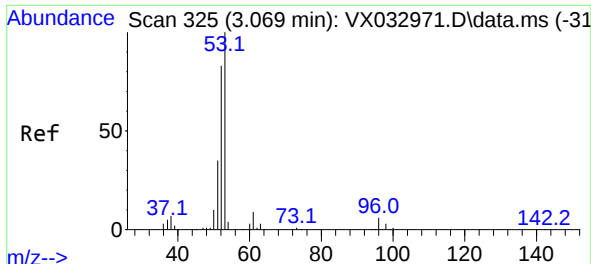
Tgt Ion: 56 Resp: 133

Ion Ratio Lower Upper

56 100

55 35.3 56.9 85.3#

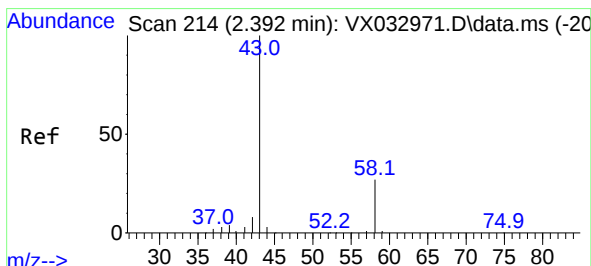
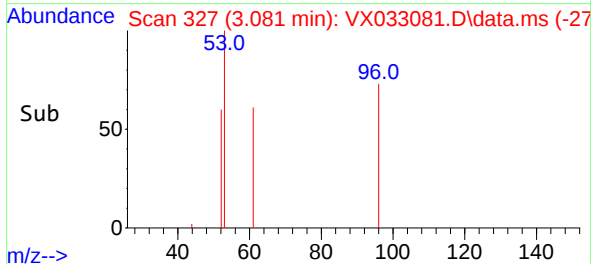
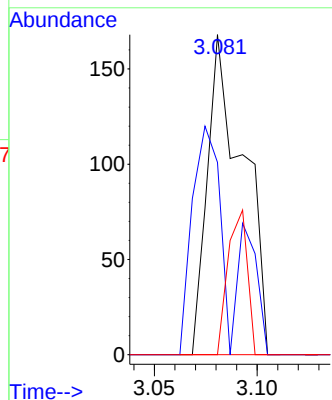
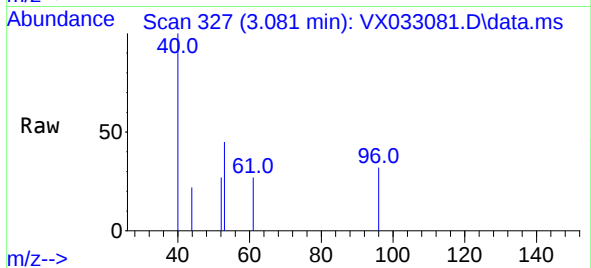




#15
Acrylonitrile
Concen: 0.301 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

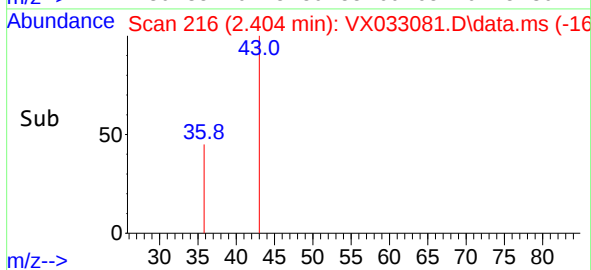
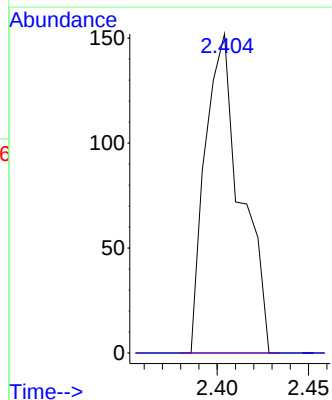
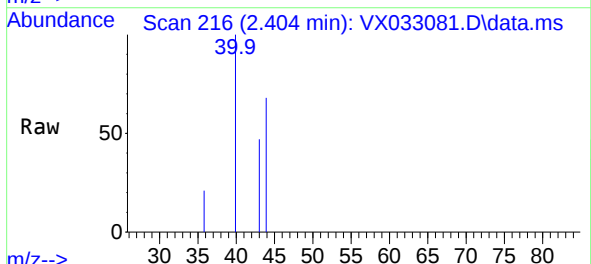
Instrument :
MSVOA_X
ClientSampleId :
VX1128MBL01

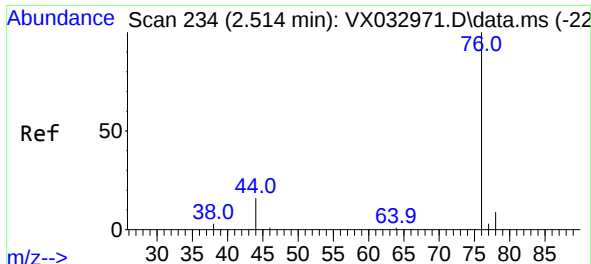
Tgt Ion: 53 Resp: 202
Ion Ratio Lower Upper
53 100
52 55.0 67.4 101.0#
51 24.8 30.3 45.5#



#16
Acetone
Concen: 0.296 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

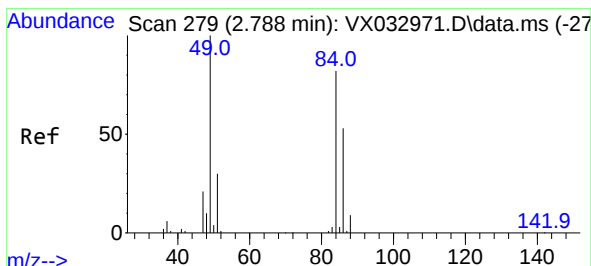
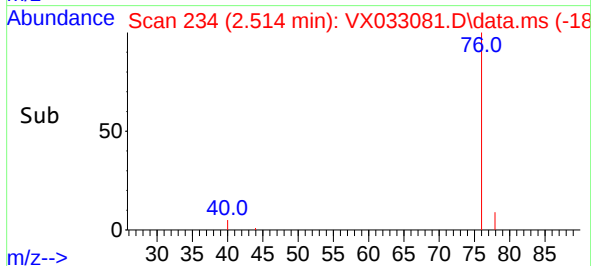
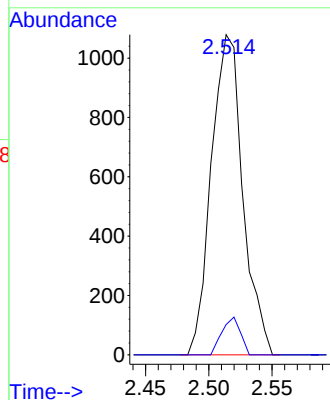
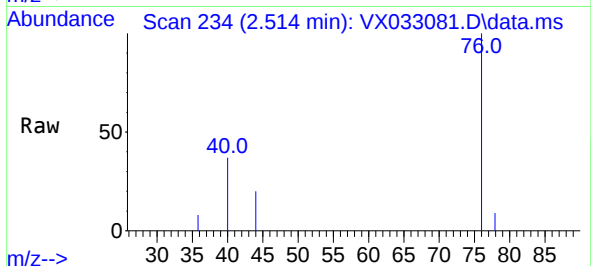




#17
Carbon Disulfide
Concen: 0.504 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

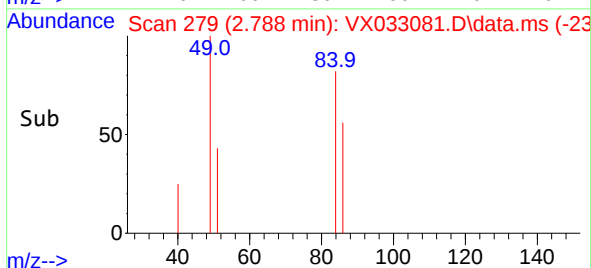
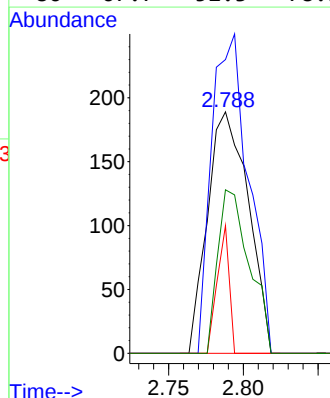
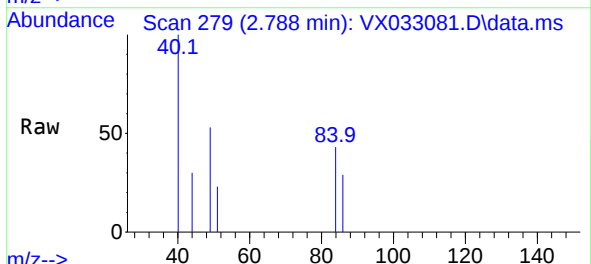
Instrument :
MSVOA_X
ClientSampleId :
VX1128MBL01

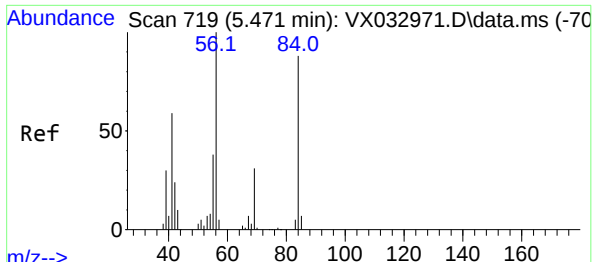
Tgt Ion: 76 Resp: 1868
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

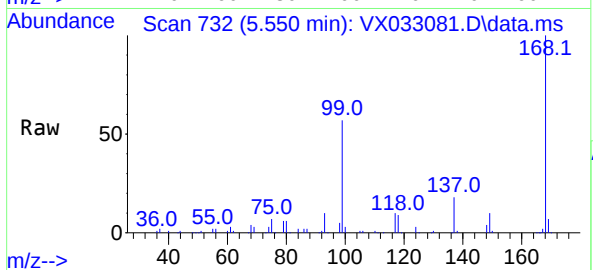
Tgt Ion: 84 Resp: 359
Ion Ratio Lower Upper
84 100
49 121.7 101.0 151.6
51 52.9 31.1 46.7#
86 67.7 52.3 78.5



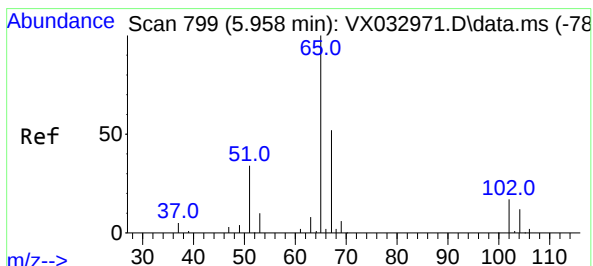
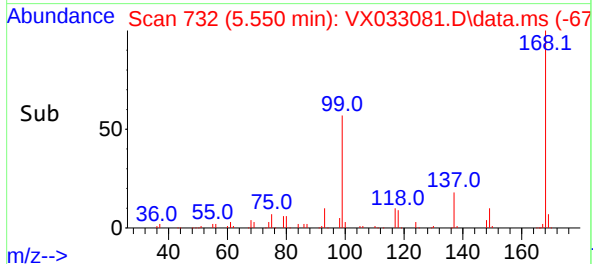
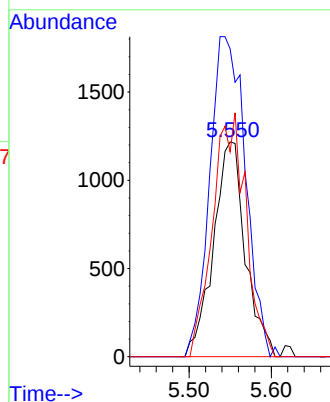


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Instrument :
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ClientSampleId :
VX1128MBL01

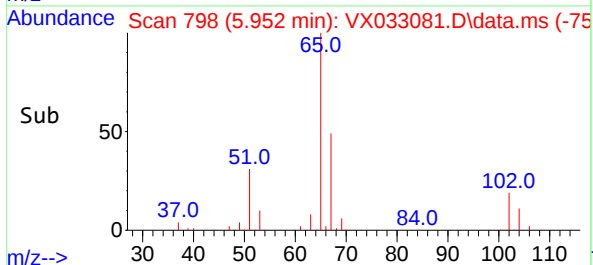
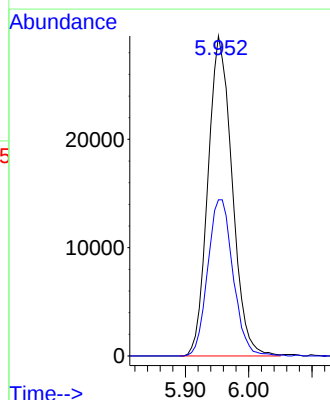
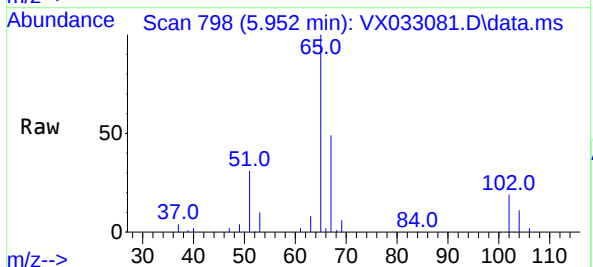


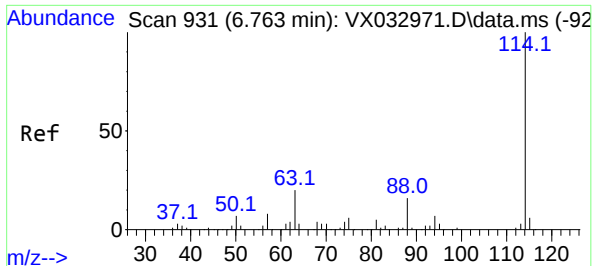
Tgt Ion: 56 Resp: 3294
Ion Ratio Lower Upper
56 100
69 143.4 24.1 36.1#
84 95.4 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 52.467 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion: 65 Resp: 78528
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

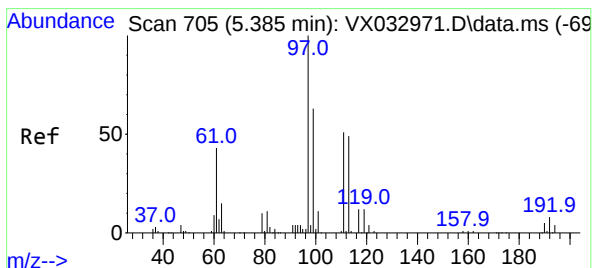
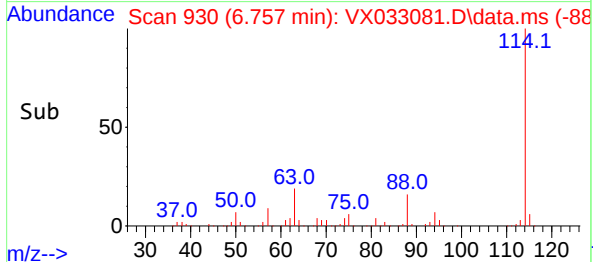
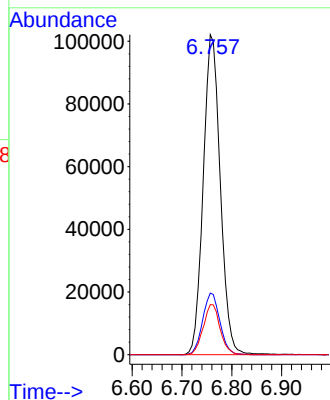
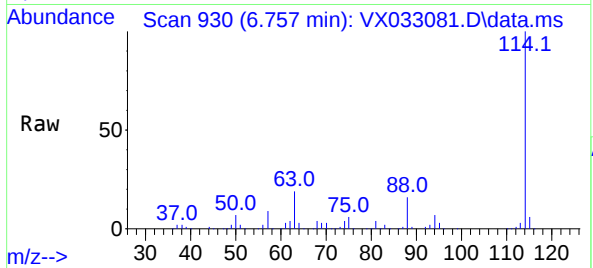




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

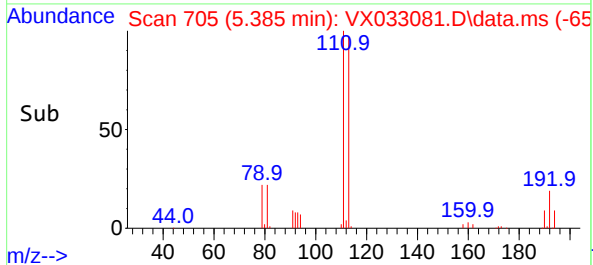
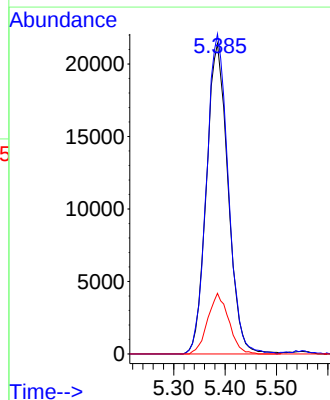
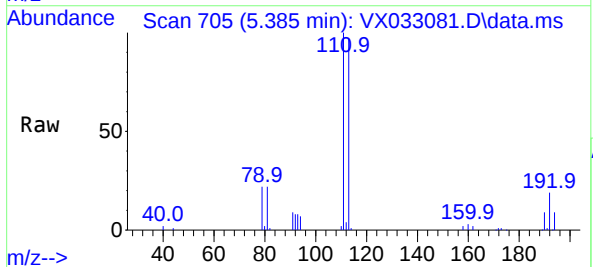
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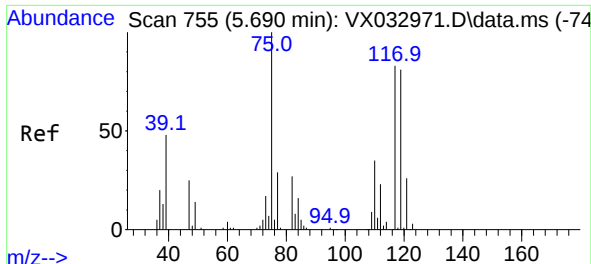
Tgt Ion:114 Resp: 242290
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.851 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion:113 Resp: 62630
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.0 15.4 23.2

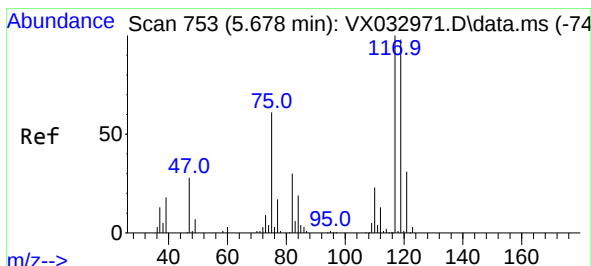
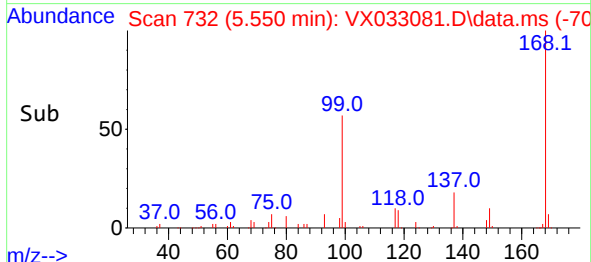
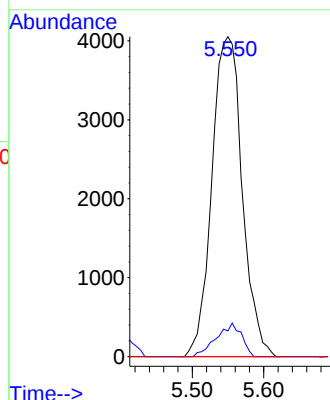
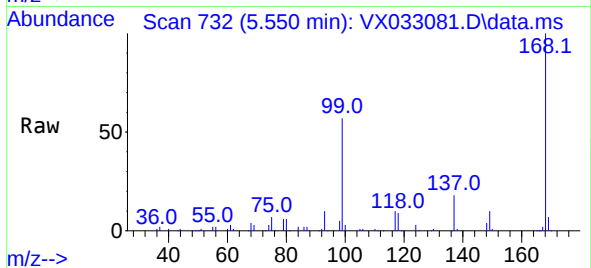




#36
1,1-Dichloropropene
Concen: 5.469 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

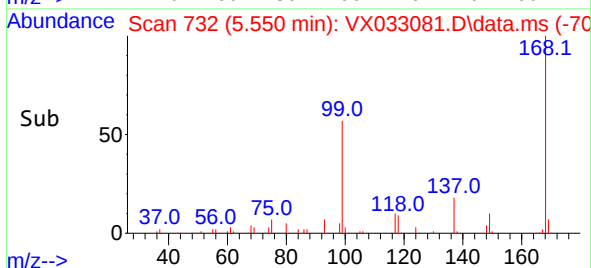
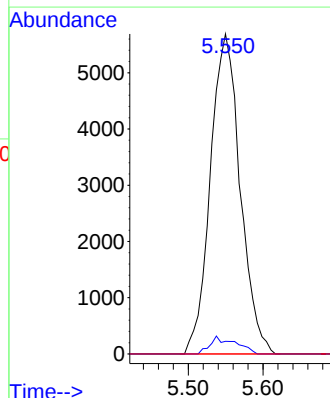
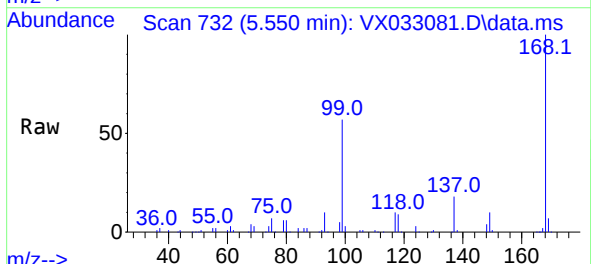
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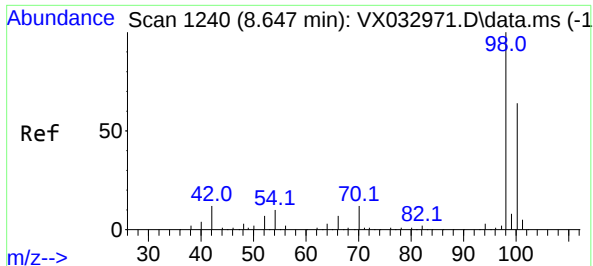
Tgt Ion: 75 Resp: 11944
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.517 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion: 117 Resp: 15791
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.853 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033081.D

Acq: 28 Nov 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

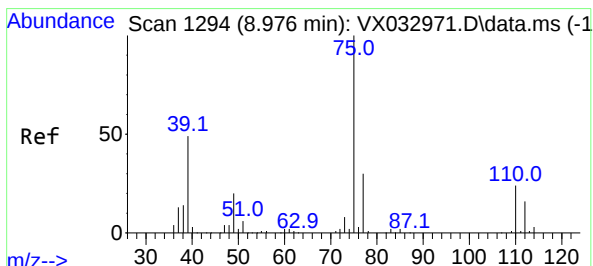
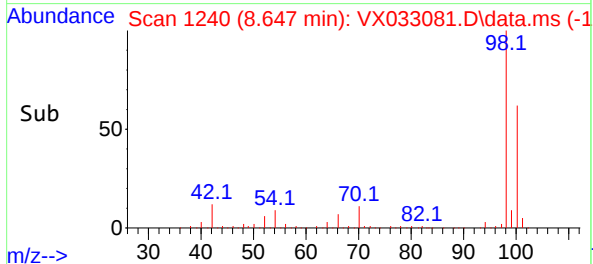
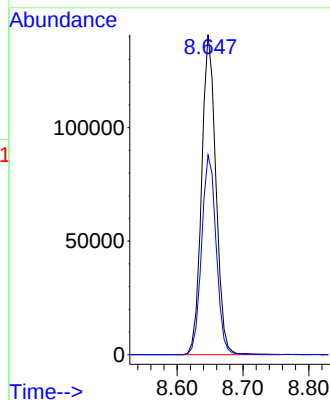
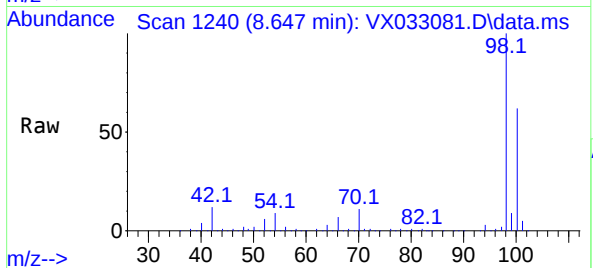
VX1128MBL01

Tgt Ion: 98 Resp: 212781

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#53

t-1,3-Dichloropropene

Concen: 1.584 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX033081.D

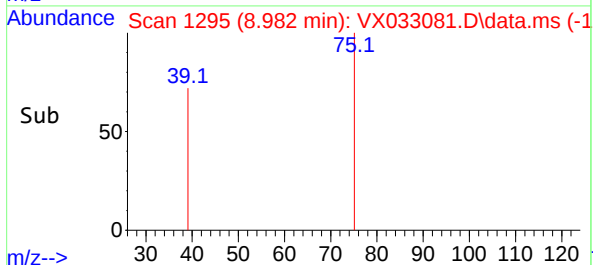
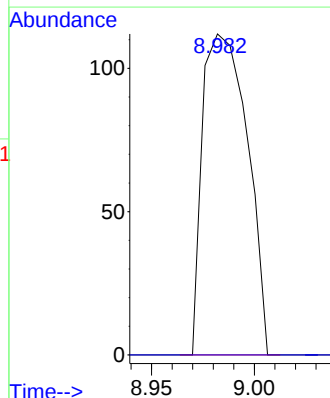
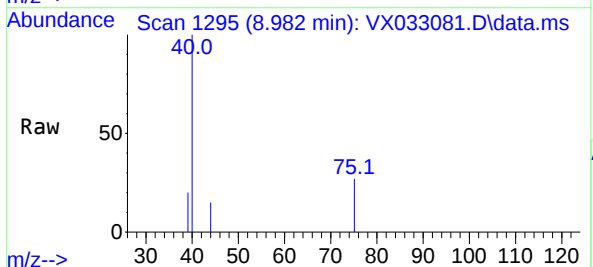
Acq: 28 Nov 2022 10:51

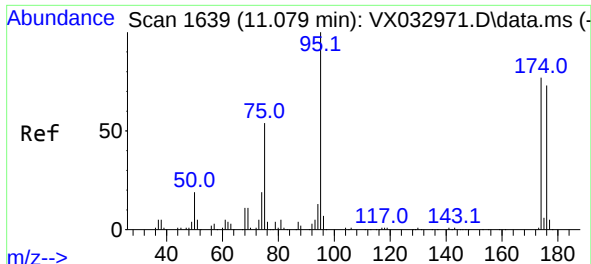
Tgt Ion: 75 Resp: 170

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#





#62

4-Bromofluorobenzene

Concen: 43.310 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033081.D

Acq: 28 Nov 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX1128MBL01

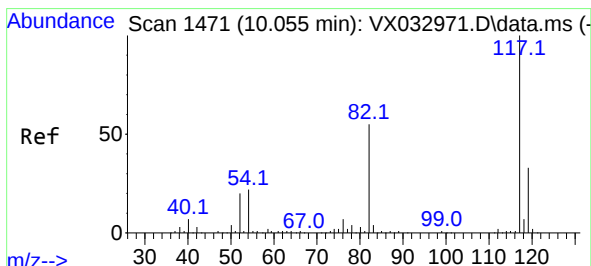
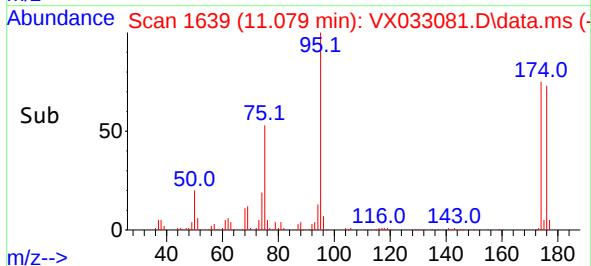
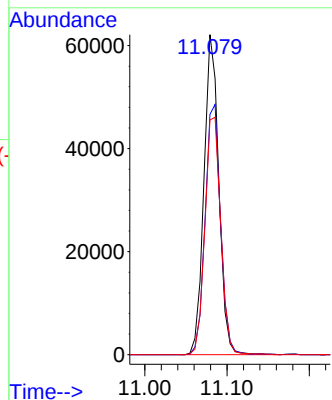
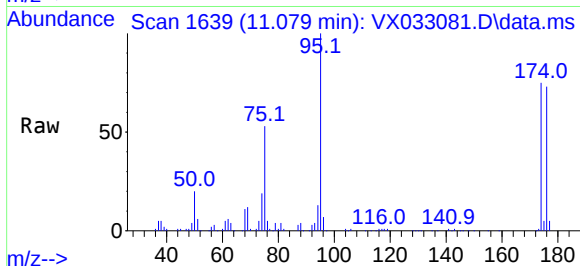
Tgt Ion: 95 Resp: 77711

Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

176 79.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033081.D

Acq: 28 Nov 2022 10:51

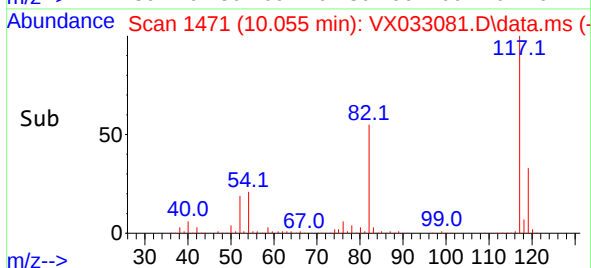
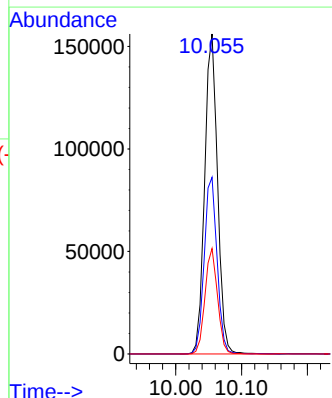
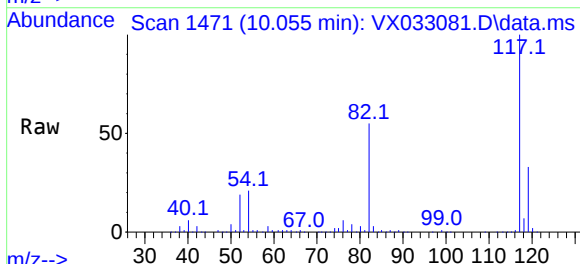
Tgt Ion: 117 Resp: 211938

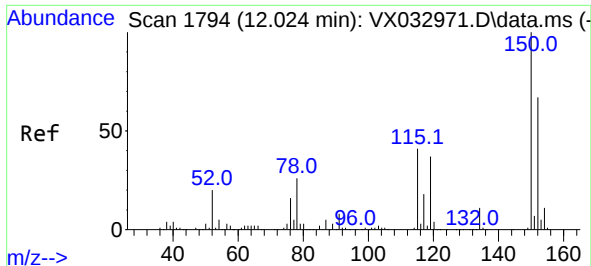
Ion Ratio Lower Upper

117 100

82 55.2 44.3 66.5

119 33.0 25.7 38.5

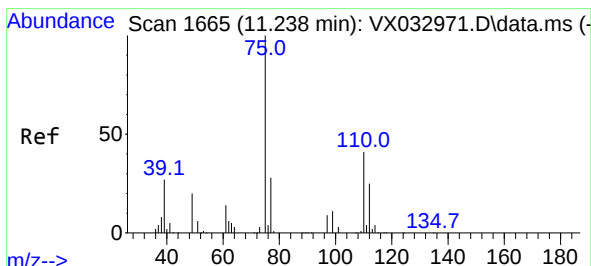
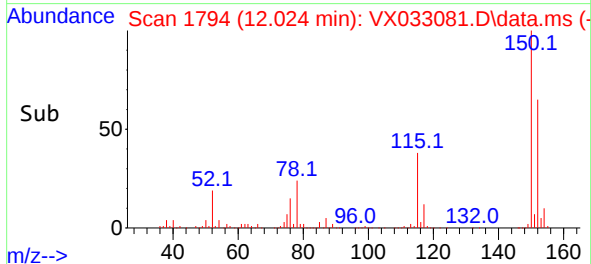
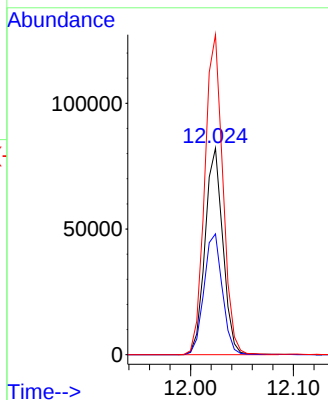
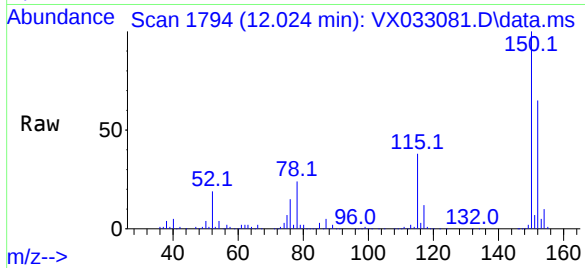




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

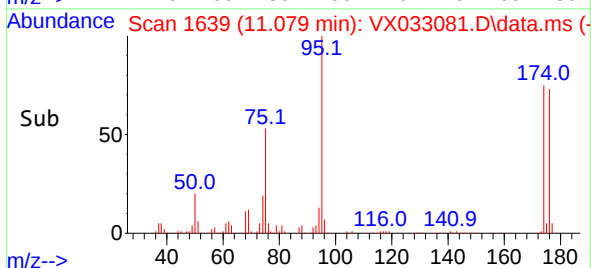
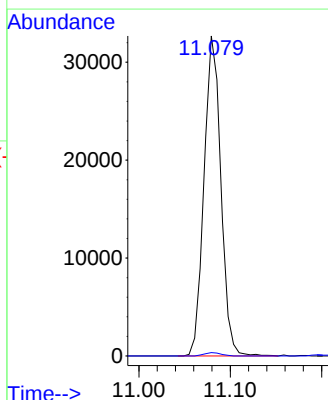
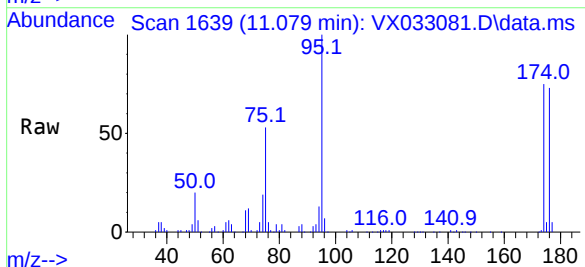
Instrument :
MSVOA_X
ClientSampleId :
VX1128MBL01

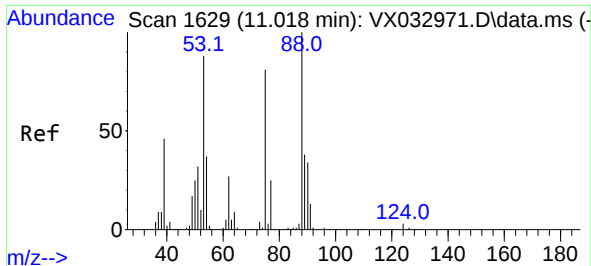
Tgt Ion:152 Resp: 99444
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 157.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion: 75 Resp: 41757
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

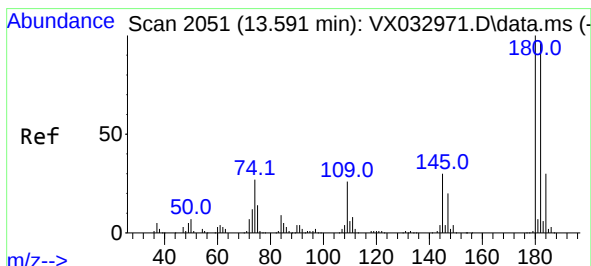
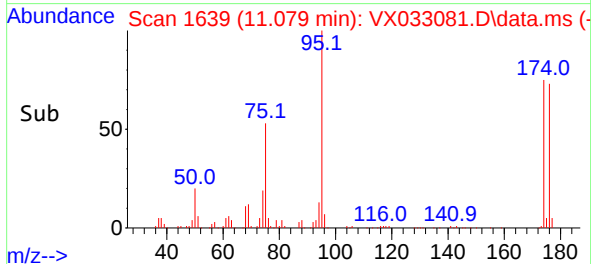
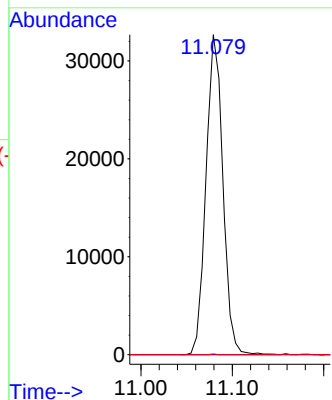
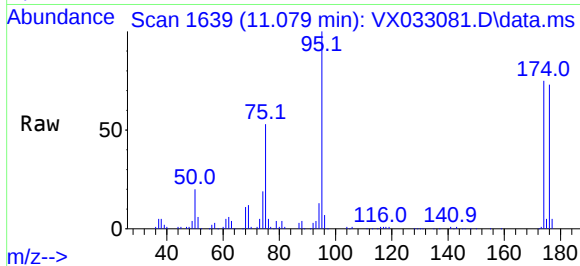




#81
trans-1,4-Dichloro-2-butene
Concen: 72.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

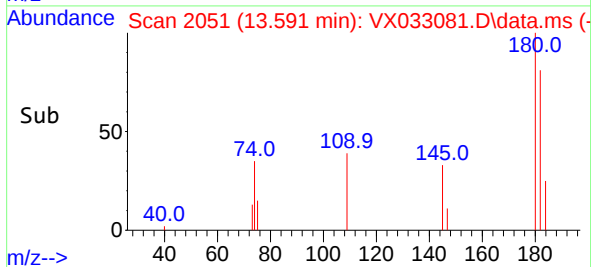
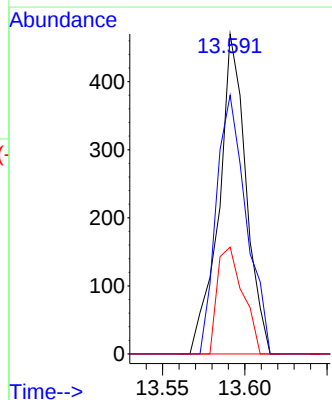
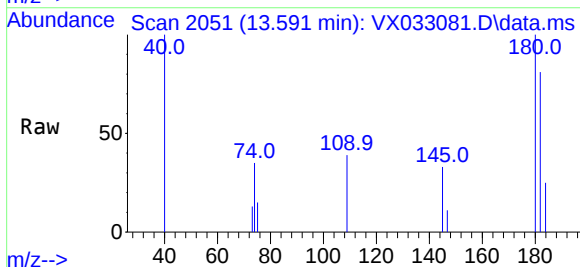
Instrument :
MSVOA_X
ClientSampleId :
VX1128MBL01

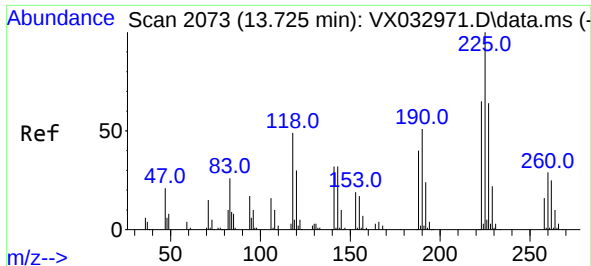
Tgt Ion: 75 Resp: 41757
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.274 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

Tgt Ion:180 Resp: 538
Ion Ratio Lower Upper
180 100
182 89.4 48.4 145.0
145 31.6 16.2 48.5

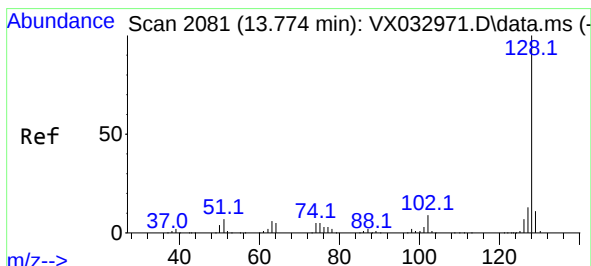
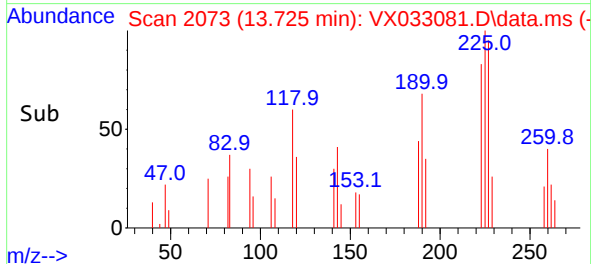
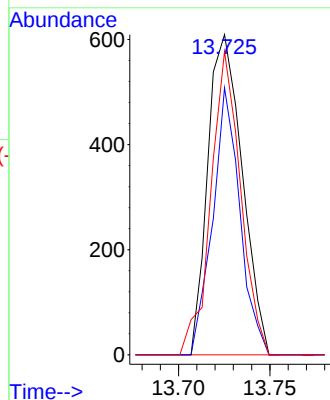
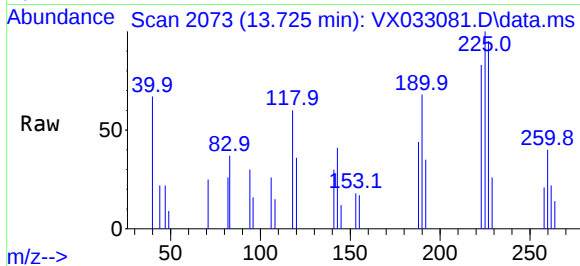




#94
Hexachlorobutadiene
Concen: 0.918 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

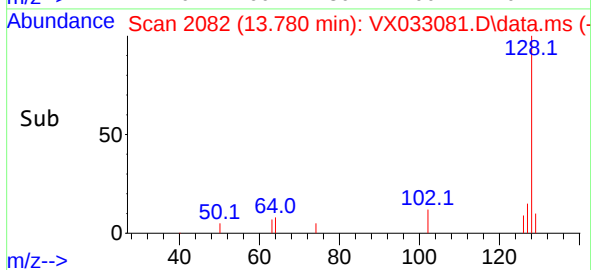
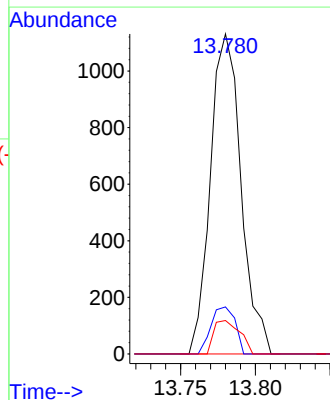
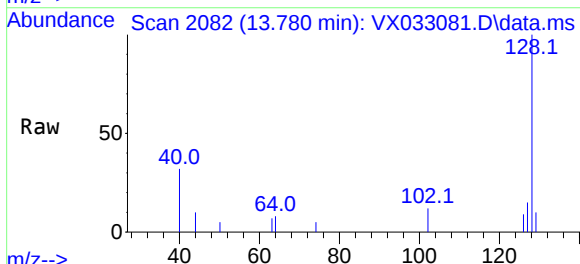
Instrument :
MSVOA_X
ClientSampleId :
VX1128MBL01

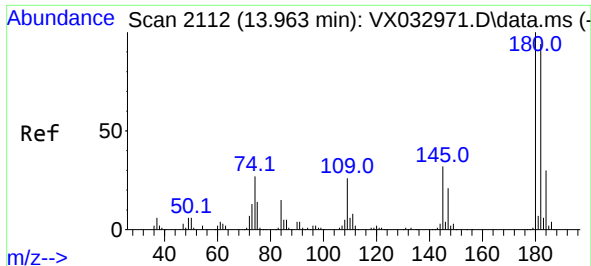
Tgt Ion:	225	Resp:	796
Ion	Ratio	Lower	Upper
225	100		
223	66.1	31.9	95.9
227	82.0	31.9	95.5



#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX033081.D
Acq: 28 Nov 2022 10:51

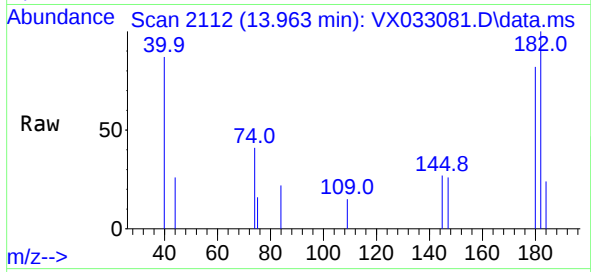
Tgt Ion:	128	Resp:	1612
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.4
129	8.8	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX033081.D
 Acq: 28 Nov 2022 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1128MBL01



Tgt Ion:180	Resp:	437
Ion	Ratio	Lower Upper
180	100	
182	111.9	47.5 142.6
145	27.2	16.9 50.6

