

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025291.D
 Acq On : 23 Nov 2021 22:05
 Operator : JC/MD
 Sample : VX1123MBL02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123MBL02

Quant Time: Nov 24 03:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

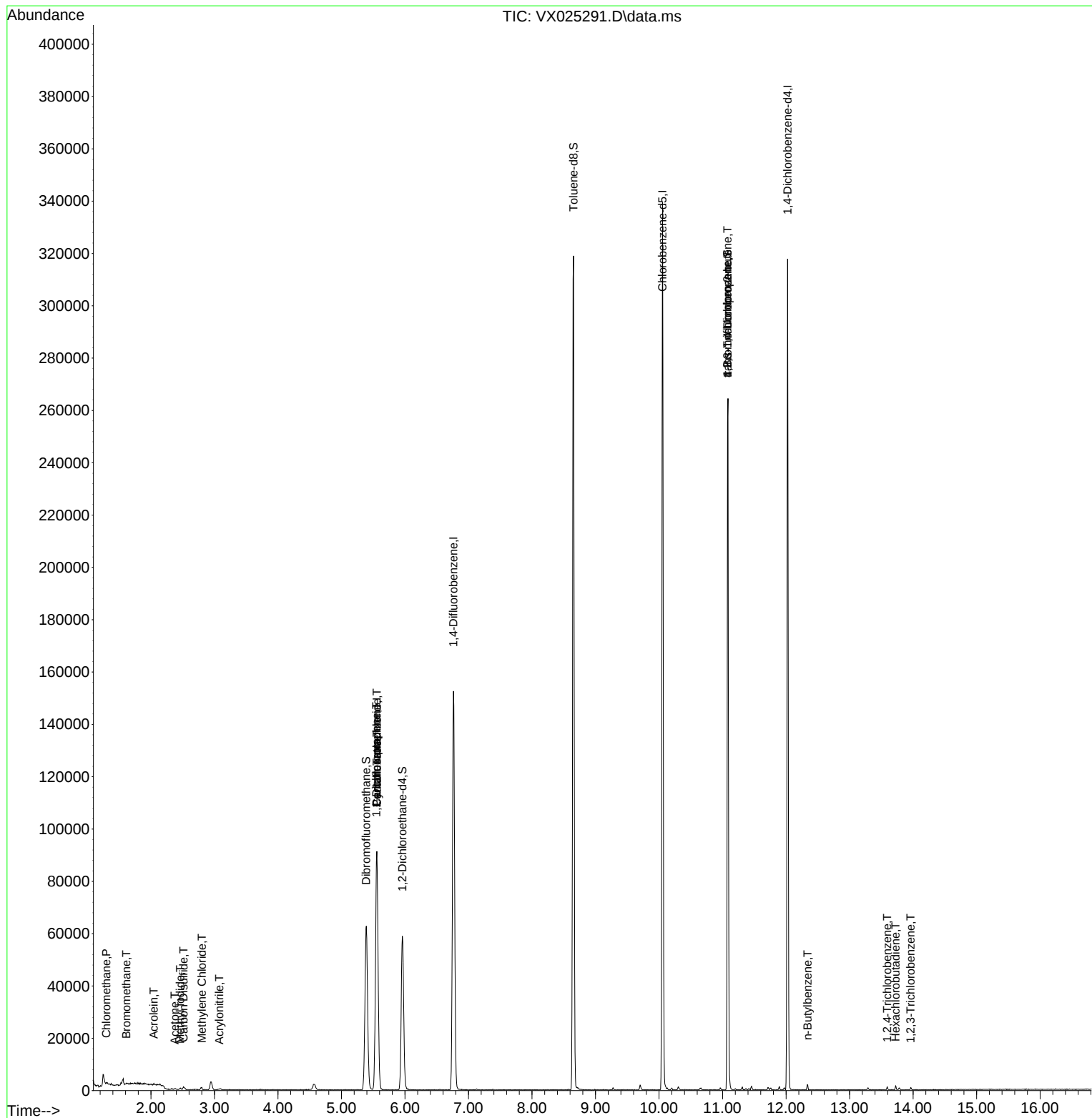
Internal Standards						
1) Pentafluorobenzene	5.556	168	93724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55531	56.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.420%
35) Dibromofluoromethane	5.385	113	54710	53.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.180%
50) Toluene-d8	8.653	98	195492	50.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	71938	49.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	255	0.253	ug/l #	87
5) Bromomethane	1.611	94	295	0.621	ug/l	90
10) Methyl Iodide	2.459	142	708	0.649	ug/l #	81
11) Tert butyl alcohol	2.940	59	2018	Below Cal	#	72
13) Acrolein	2.044	56	19	0.420	ug/l #	1
15) Acrylonitrile	3.074	53	190	0.358	ug/l #	73
16) Acetone	2.373	43	464	0.845	ug/l #	87
17) Carbon Disulfide	2.513	76	1201	0.491	ug/l	95
20) Methylene Chloride	2.800	84	465	0.451	ug/l #	78
31) Cyclohexane	5.556	56	1808	1.184	ug/l #	15
36) 1,1-Dichloropropene	5.549	75	6243	4.301	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8417	5.265	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	34515	25.029	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34515	63.052	ug/l #	9
89) n-Butylbenzene	12.341	91	793	0.220	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	392	0.297	ug/l	96
94) Hexachlorobutadiene	13.725	225	326	0.515	ug/l	98
95) Naphthalene	13.780	128	1046	Below Cal	#	79
96) 1,2,3-Trichlorobenzene	13.963	180	280	0.217	ug/l	66

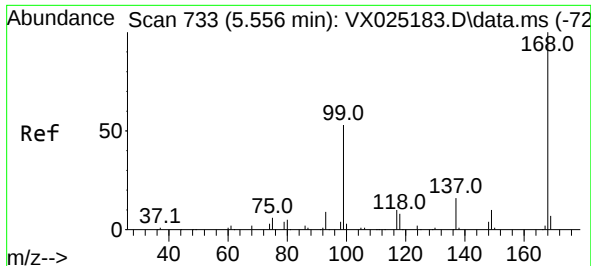
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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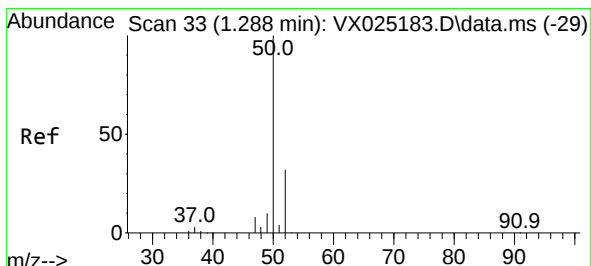
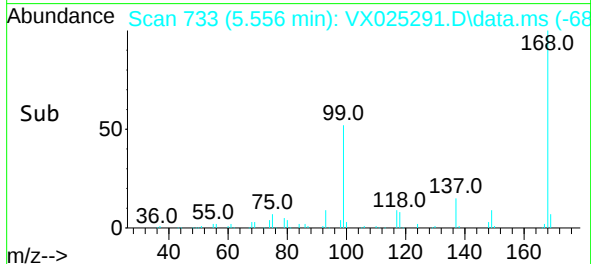
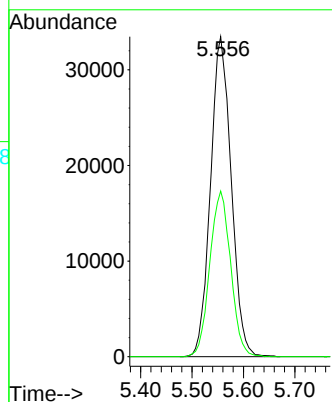
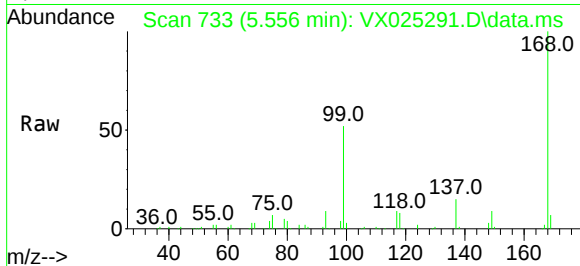




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

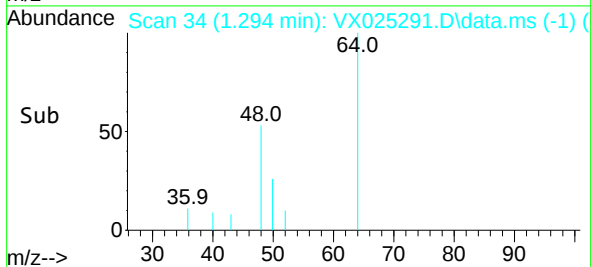
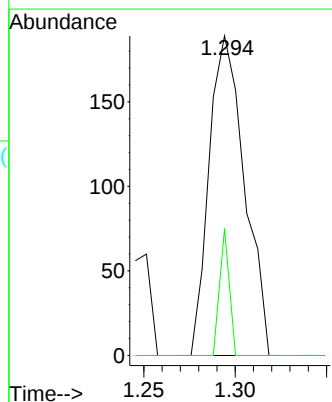
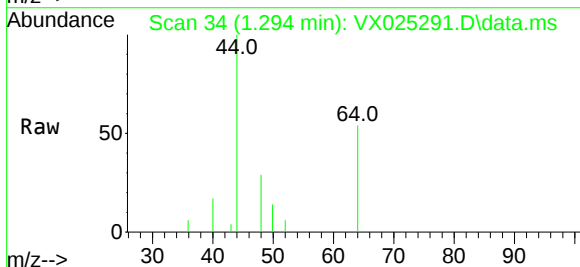
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

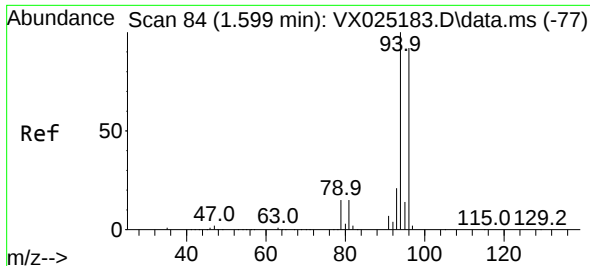
Tgt Ion:168 Resp: 93724
Ion Ratio Lower Upper
168 100
99 51.8 46.4 69.6



#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 39.7 25.9 38.9#





#5

Bromomethane

Concen: 0.621 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX025291.D

Acq: 23 Nov 2021 22:05

Instrument :

MSVOA_X

ClientSampleId :

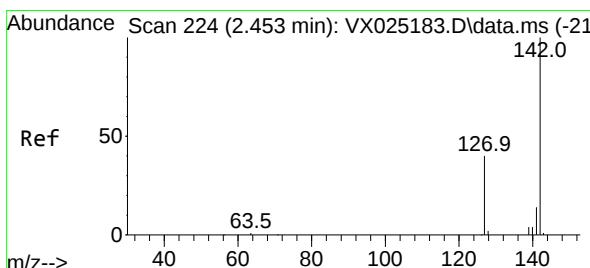
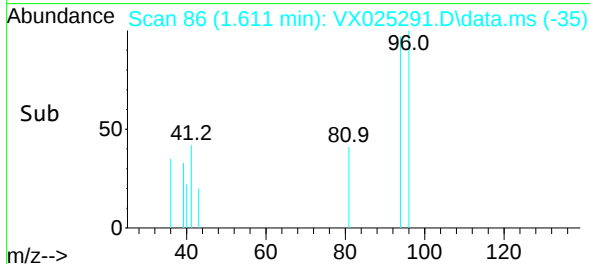
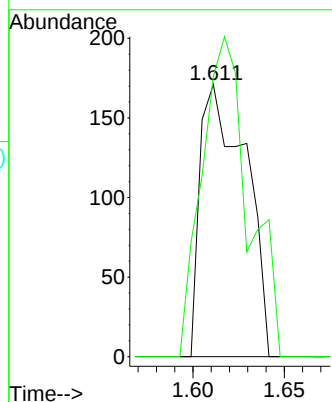
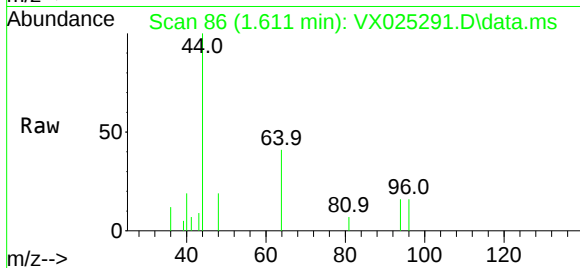
VX1123MBL02

Tgt Ion: 94 Resp: 295

Ion Ratio Lower Upper

94 100

96 102.9 74.8 112.2



#10

Methyl Iodide

Concen: 0.649 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX025291.D

Acq: 23 Nov 2021 22:05

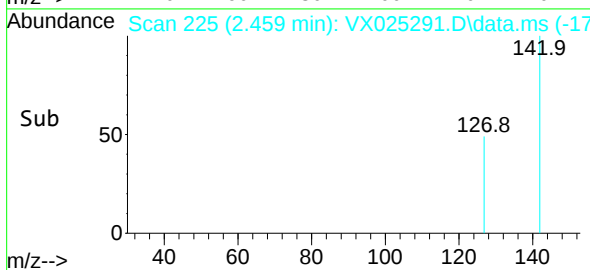
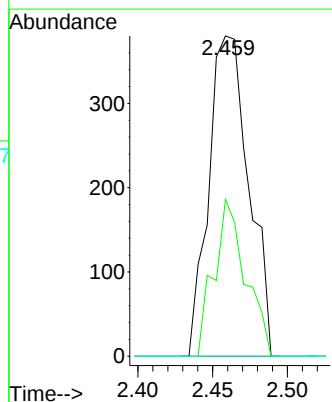
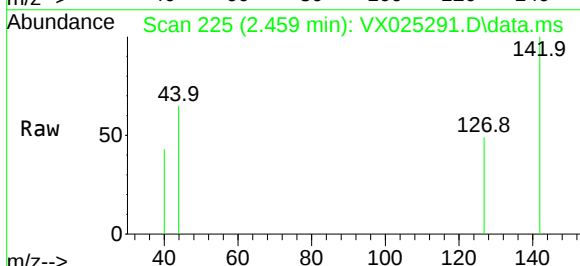
Tgt Ion: 142 Resp: 708

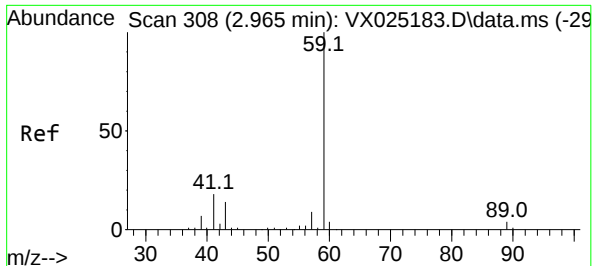
Ion Ratio Lower Upper

142 100

127 38.7 38.9 58.3#

141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX025291.D

Acq: 23 Nov 2021 22:05

Instrument :

MSVOA_X

ClientSampleId :

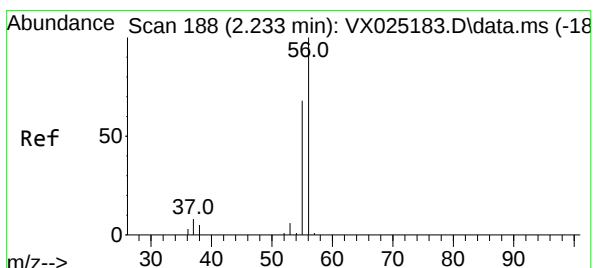
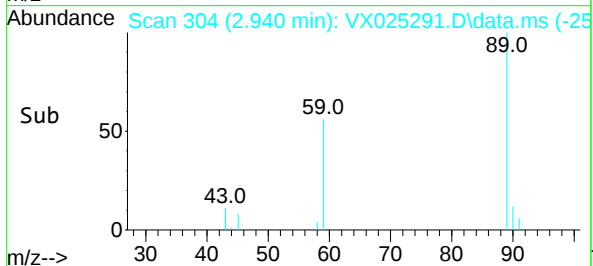
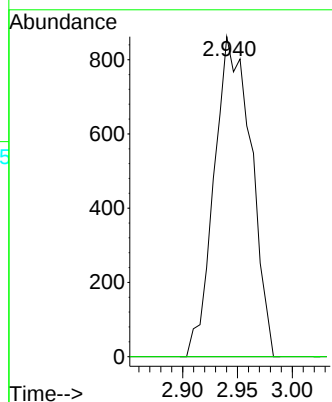
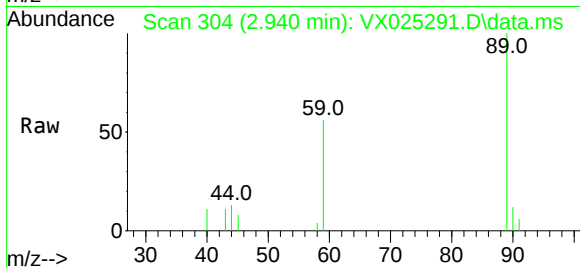
VX1123MBL02

Tgt Ion: 59 Resp: 2018

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.420 ug/l

RT: 2.044 min Scan# 157

Delta R.T. -0.189 min

Lab File: VX025291.D

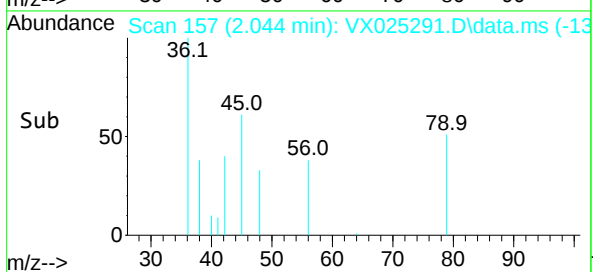
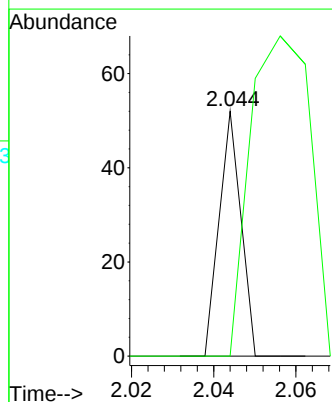
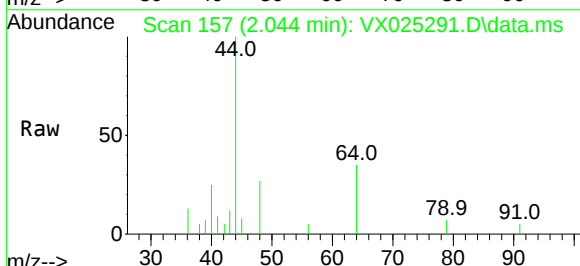
Acq: 23 Nov 2021 22:05

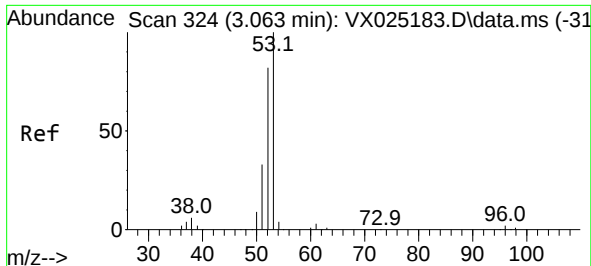
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 363.2 58.6 87.8#

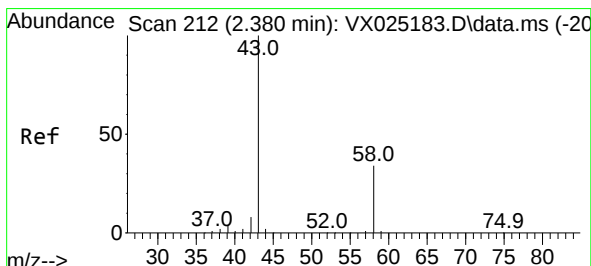
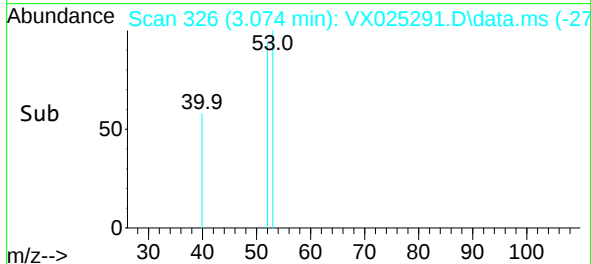
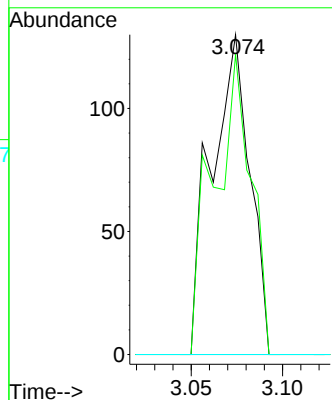
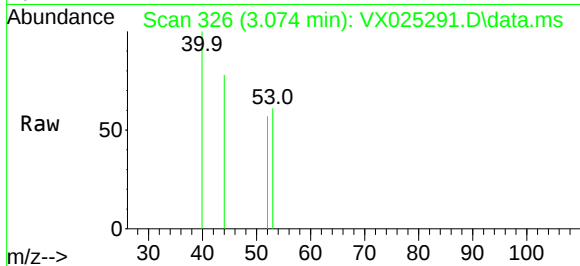




#15
Acrylonitrile
Concen: 0.358 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.011 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

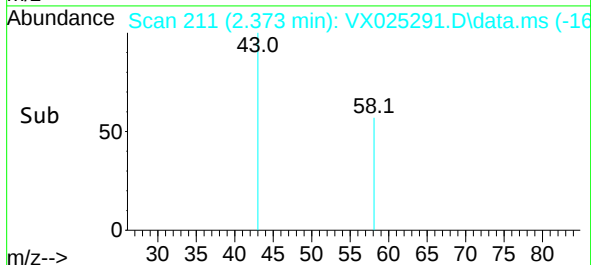
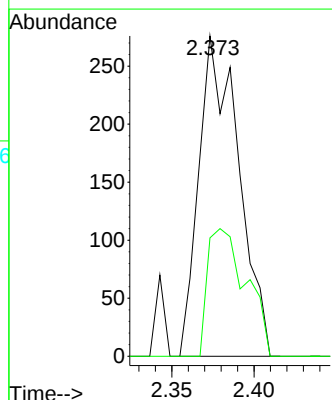
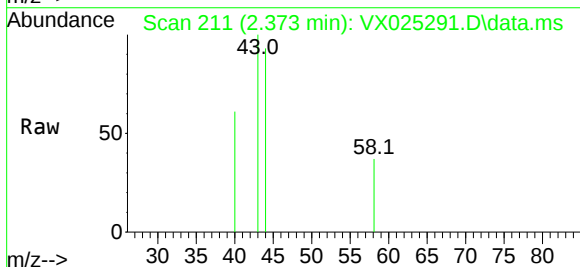
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

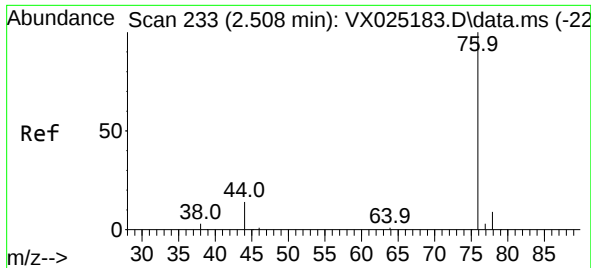
Tgt Ion: 53 Resp: 190
Ion Ratio Lower Upper
53 100
52 92.1 66.2 99.4
51 0.0 29.8 44.8#



#16
Acetone
Concen: 0.845 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 37.0 24.0 36.0#

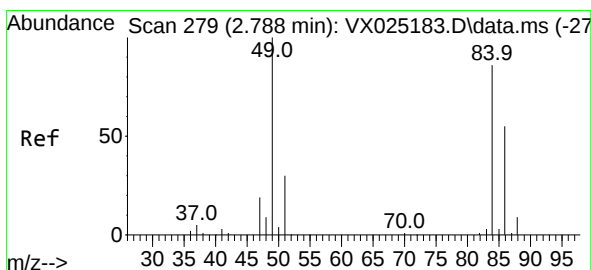
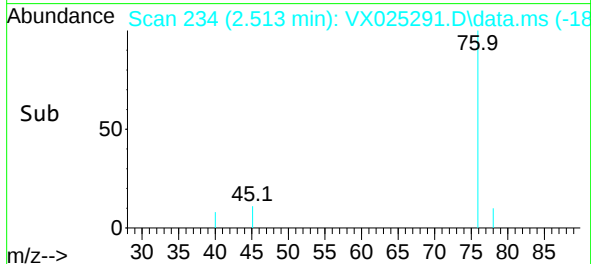
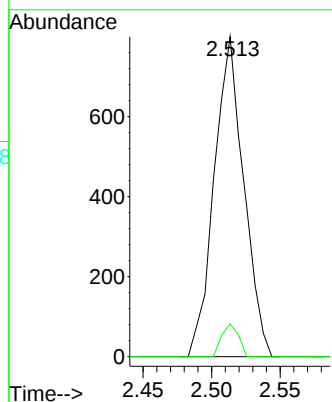
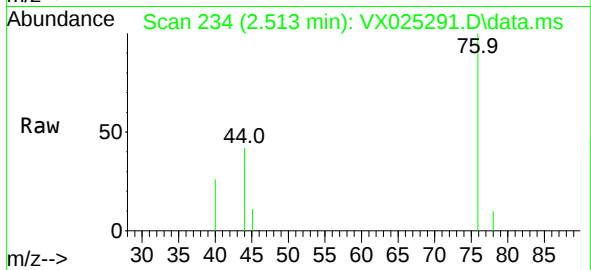




#17
Carbon Disulfide
Concen: 0.491 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

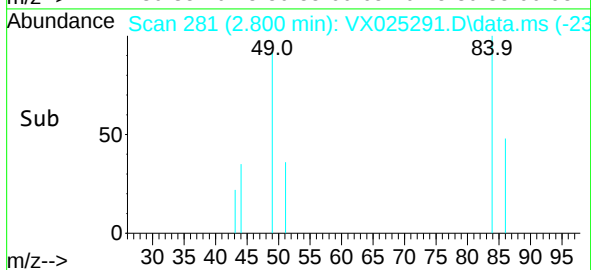
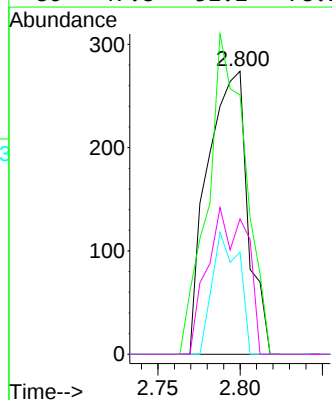
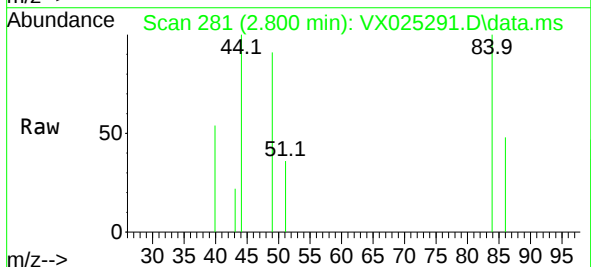
Instrument :
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ClientSampleId :
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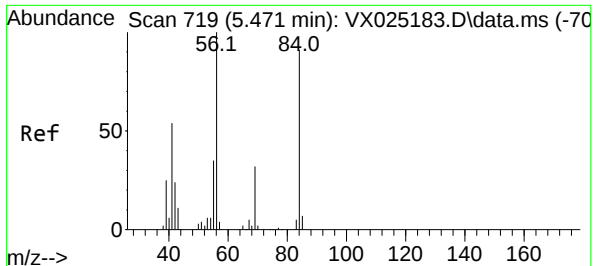
Tgt Ion: 76 Resp: 1201
Ion Ratio Lower Upper
76 100
78 10.3 6.9 10.3



#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

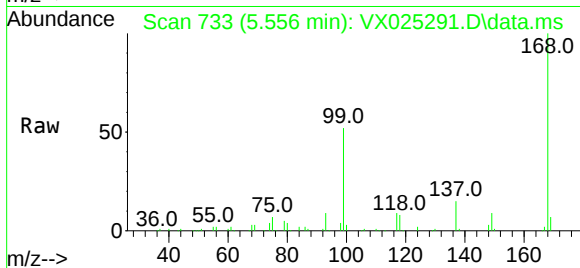
Tgt Ion: 84 Resp: 465
Ion Ratio Lower Upper
84 100
49 91.6 98.2 147.2#
51 36.1 30.2 45.4
86 47.8 52.2 78.2#





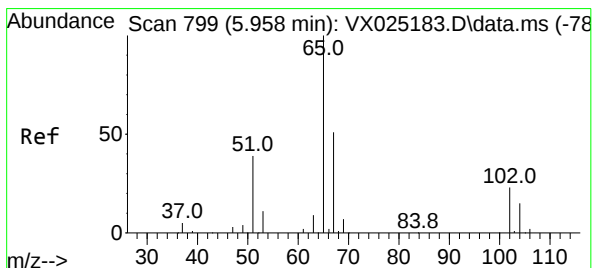
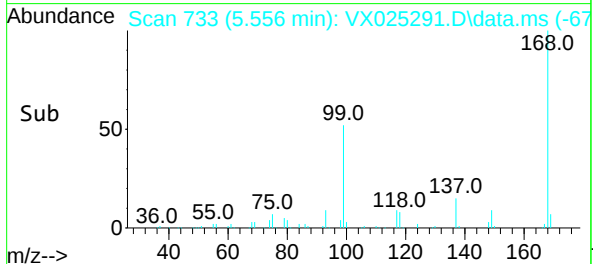
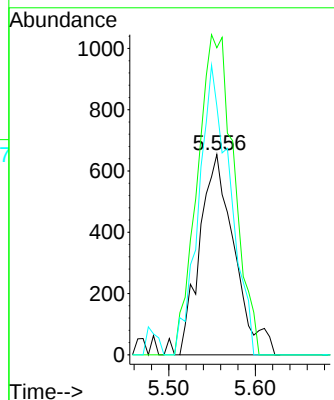
#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

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Tgt Ion: 56 Resp: 1808

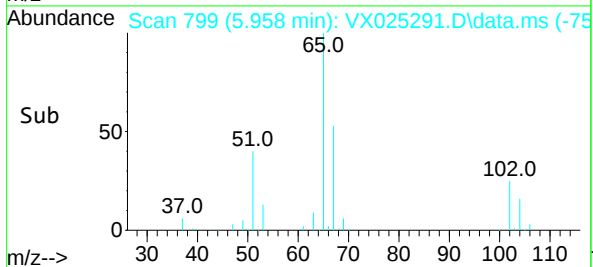
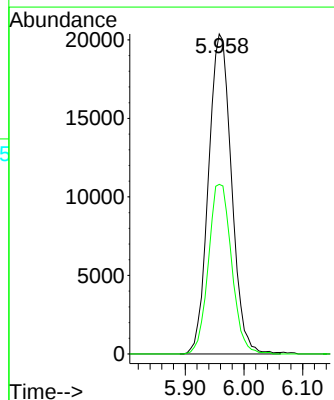
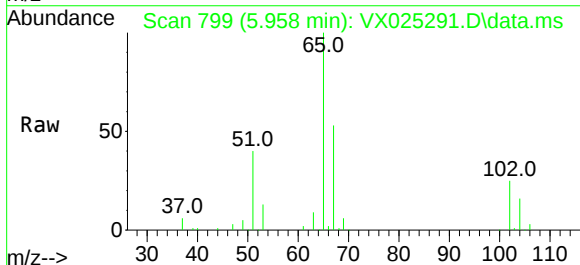
Ion	Ratio	Lower	Upper
56	100		
69	153.2	24.2	36.2#
84	124.2	71.5	107.3#

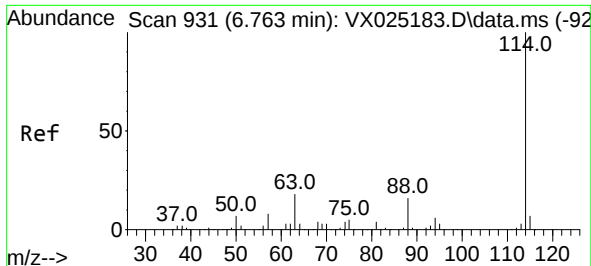


#33
1,2-Dichloroethane-d4
Concen: 56.210 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 65 Resp: 55531

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	101.0

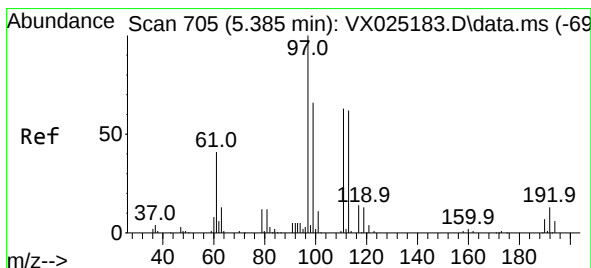
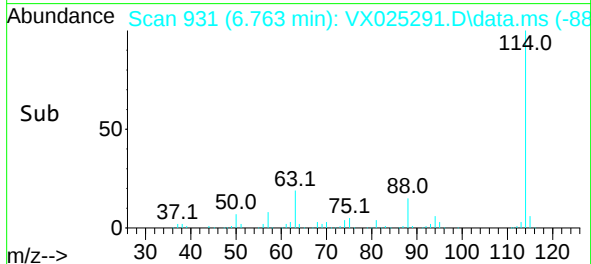
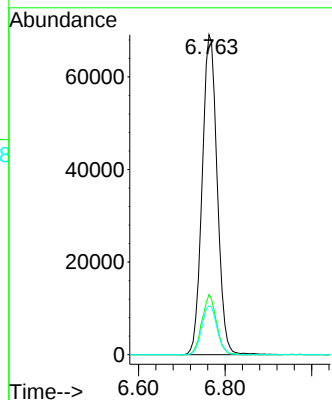
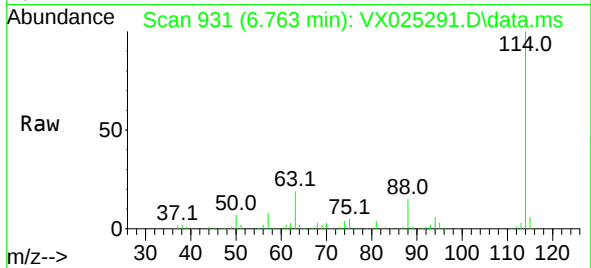




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

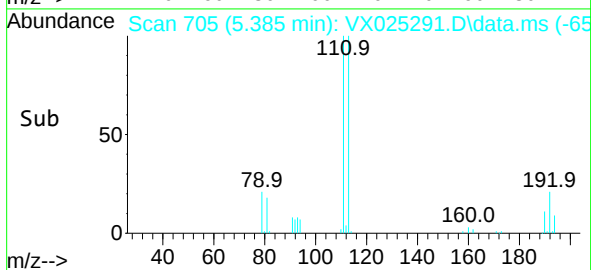
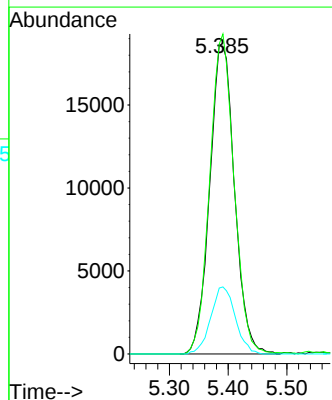
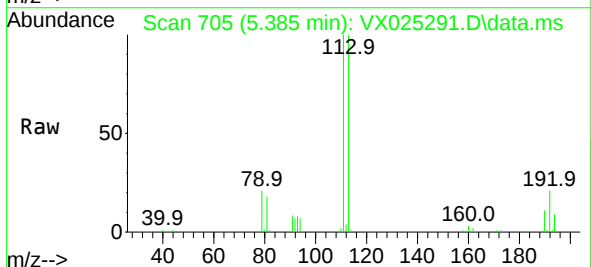
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

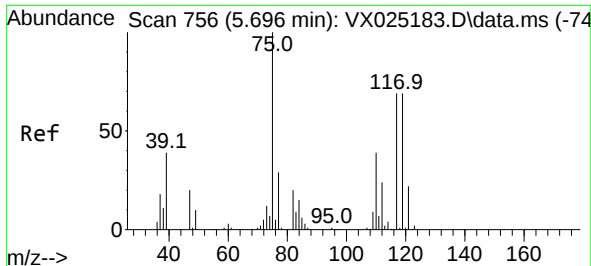
Tgt Ion:114 Resp: 166377
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.593 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion:113 Resp: 54710
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 21.5 15.6 23.4

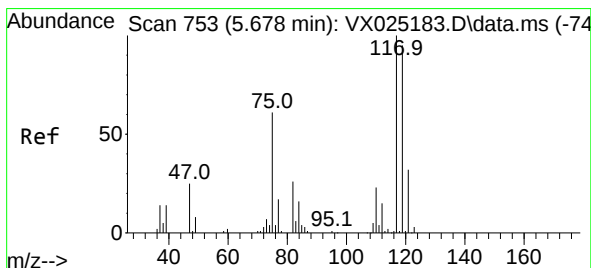
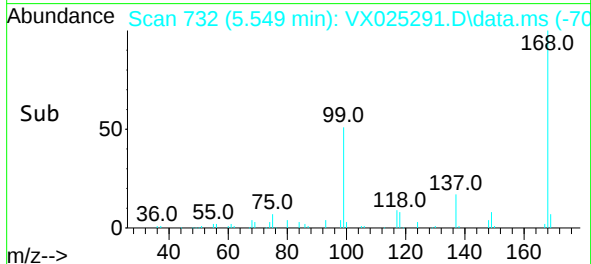
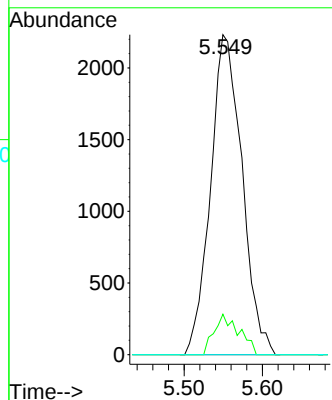
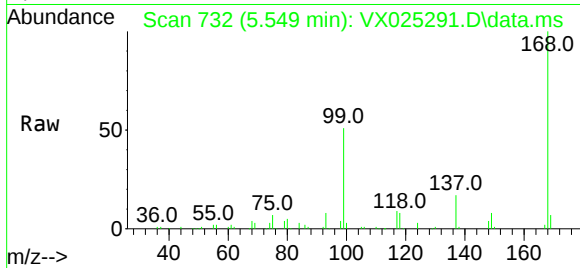




#36
1,1-Dichloropropene
Concen: 4.301 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

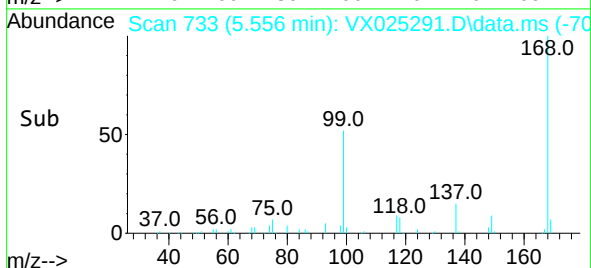
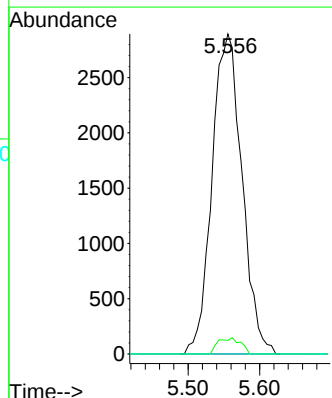
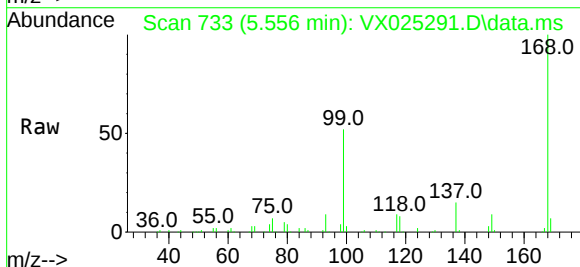
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

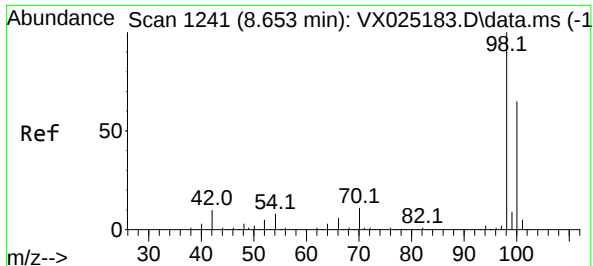
Tgt Ion: 75 Resp: 6243
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.265 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 117 Resp: 8417
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 23.7 35.5#

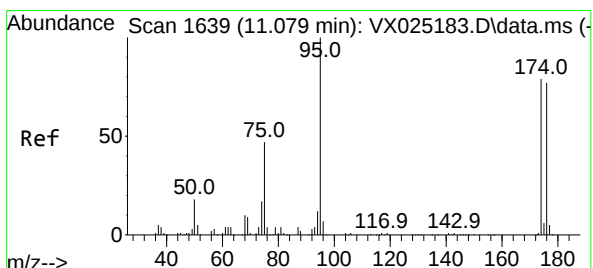
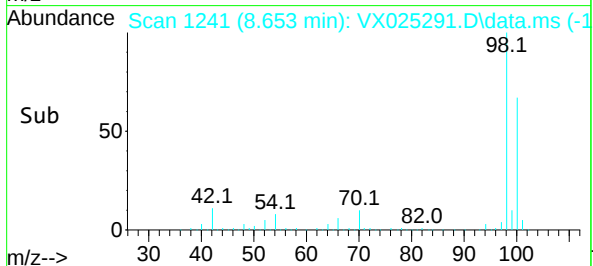
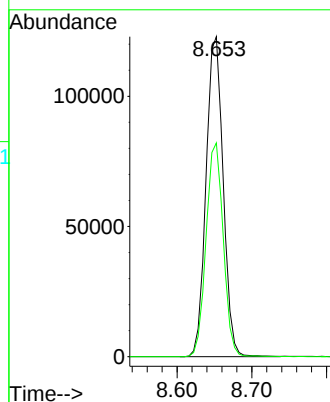
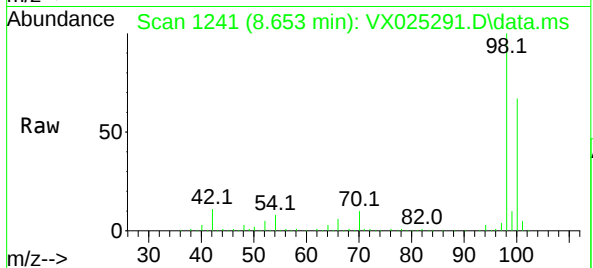




#50
Toluene-d8
Concen: 50.933 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

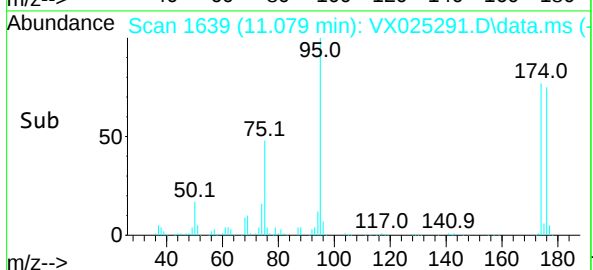
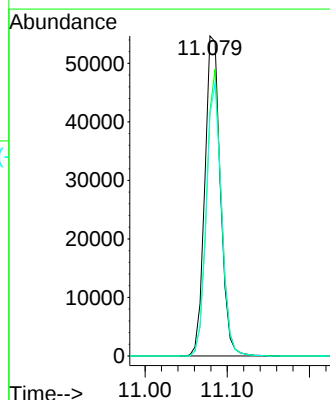
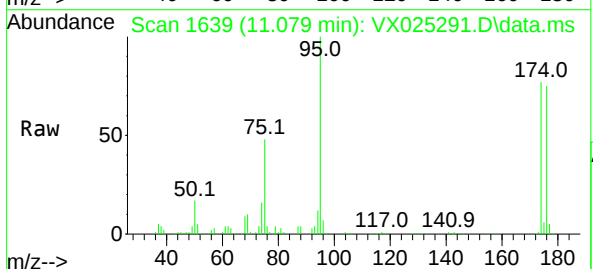
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

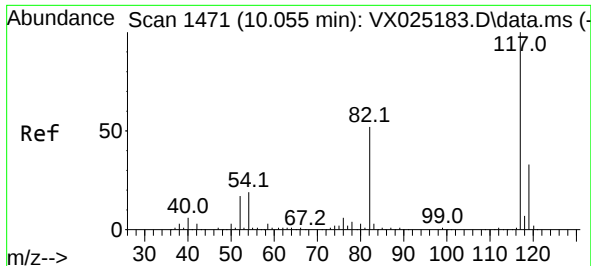
Tgt Ion: 98 Resp: 195492
Ion Ratio Lower Upper
98 100
100 67.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 95 Resp: 71938
Ion Ratio Lower Upper
95 100
174 85.6 0.0 158.0
176 82.8 0.0 153.6

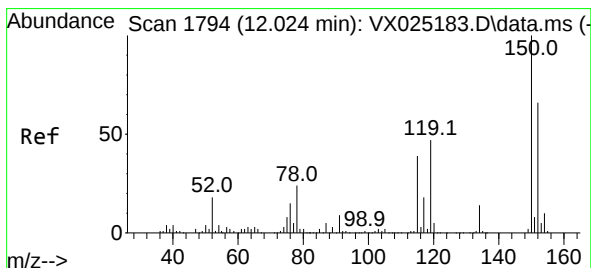
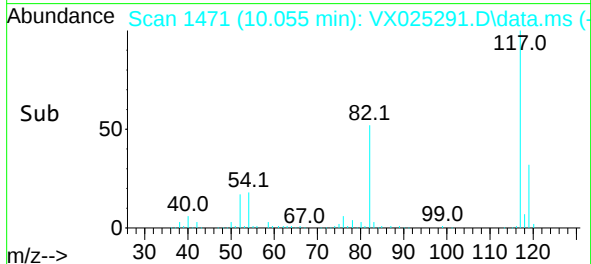
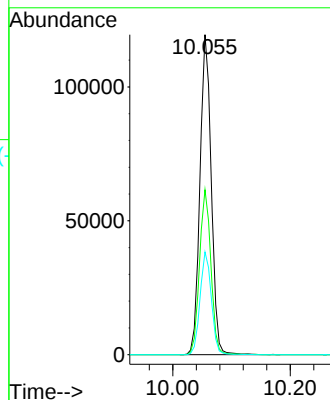
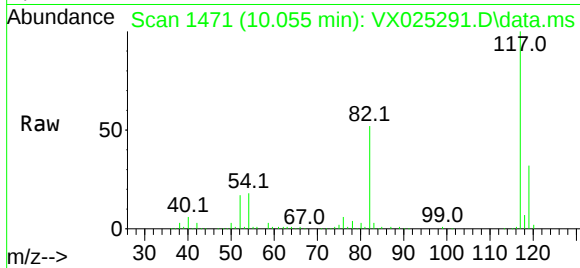




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

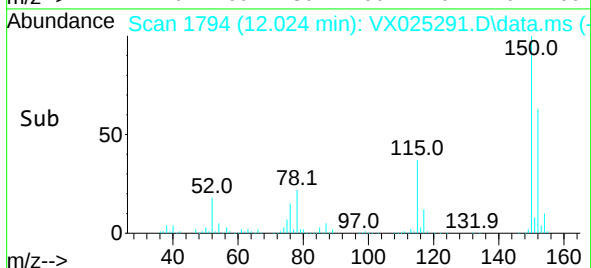
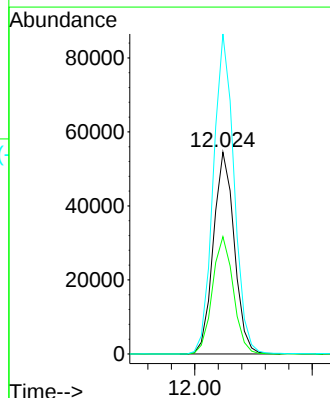
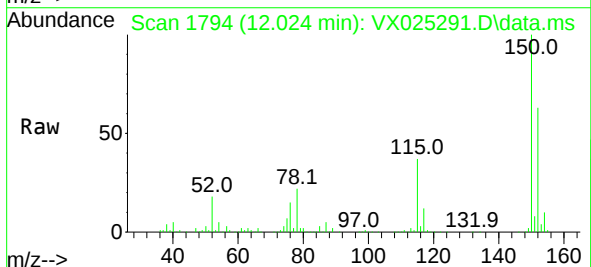
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

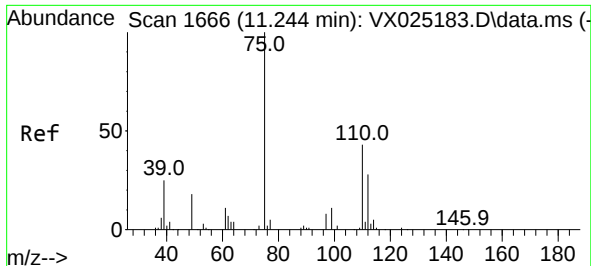
Tgt Ion:117 Resp: 159064
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion:152 Resp: 67341
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.8
150 157.7 0.0 351.2

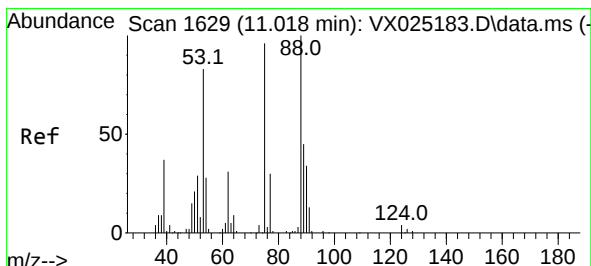
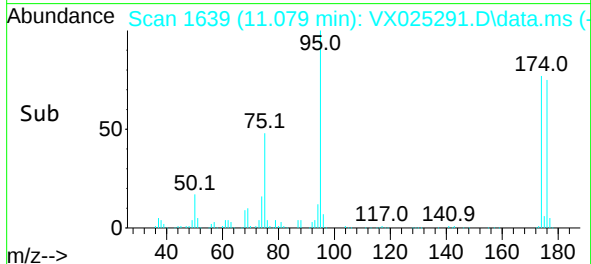
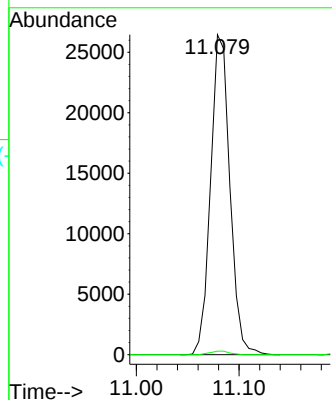
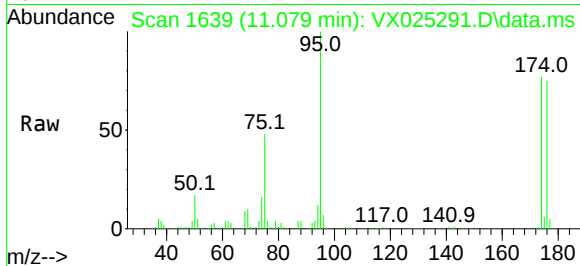




#76
1,2,3-Trichloropropane
Concen: 25.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

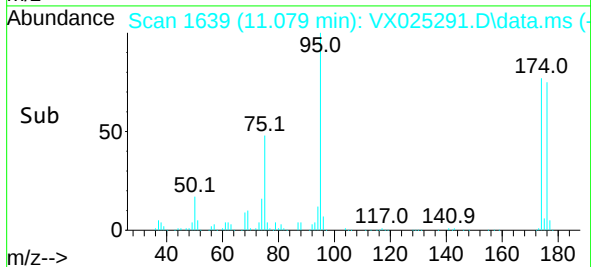
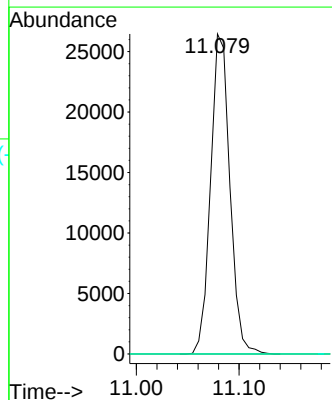
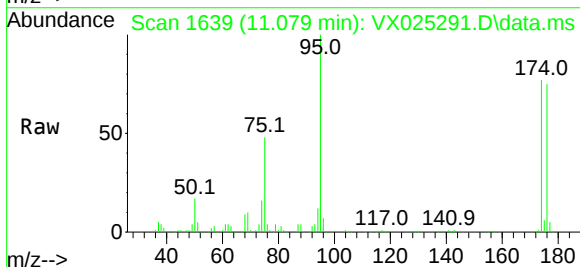
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

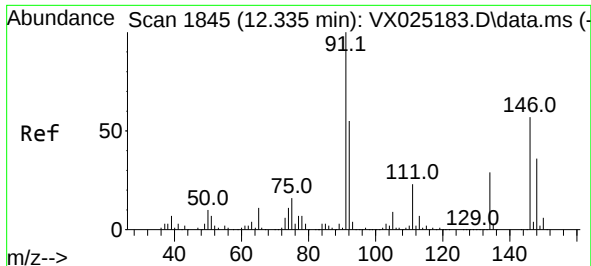
Tgt Ion: 75 Resp: 34515
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.052 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 75 Resp: 34515
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#89

n-Butylbenzene

Concen: 0.220 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX025291.D

Acq: 23 Nov 2021 22:05

Instrument :

MSVOA_X

ClientSampleId :

VX1123MBL02

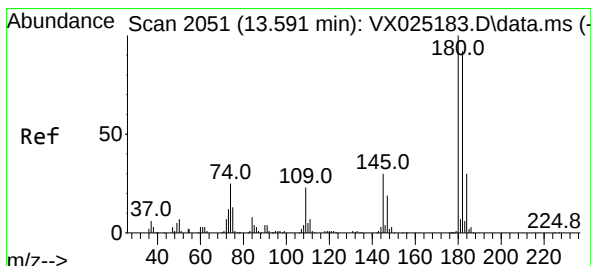
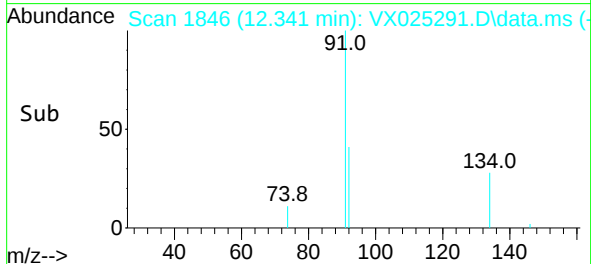
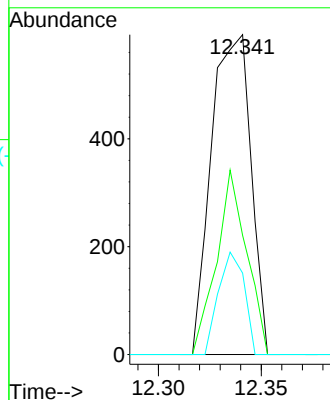
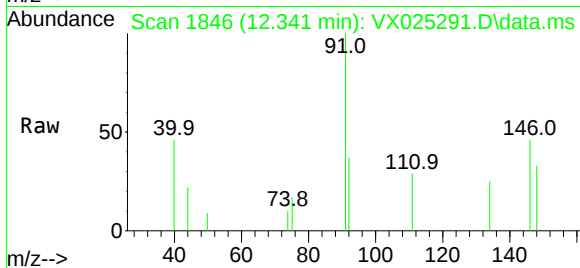
Tgt Ion: 91 Resp: 793

Ion Ratio Lower Upper

91 100

92 44.0 26.3 78.8

134 20.9 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.297 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX025291.D

Acq: 23 Nov 2021 22:05

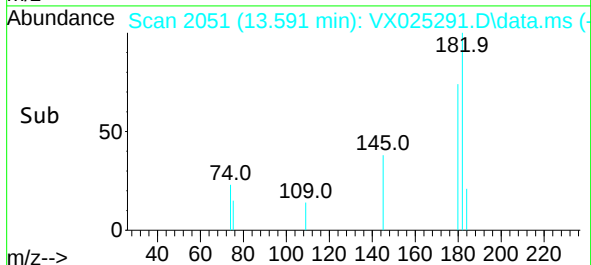
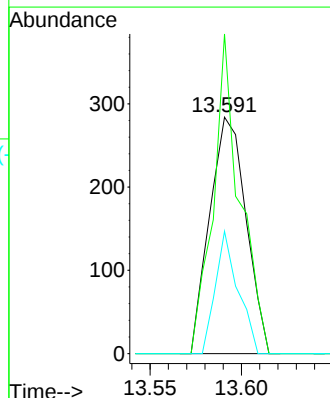
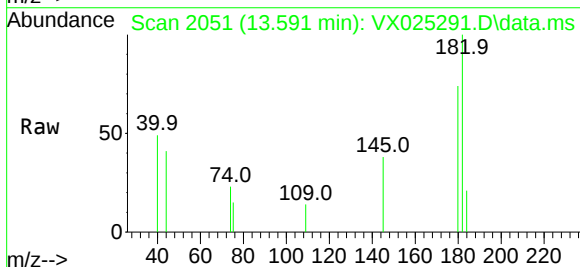
Tgt Ion:180 Resp: 392

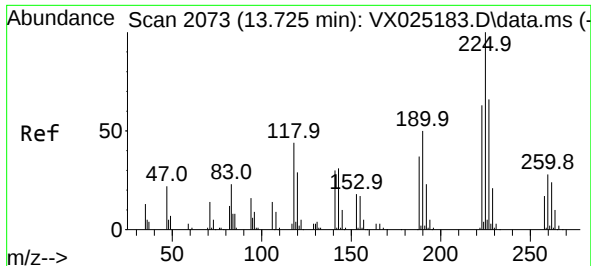
Ion Ratio Lower Upper

180 100

182 99.5 47.3 141.8

145 32.4 16.1 48.3

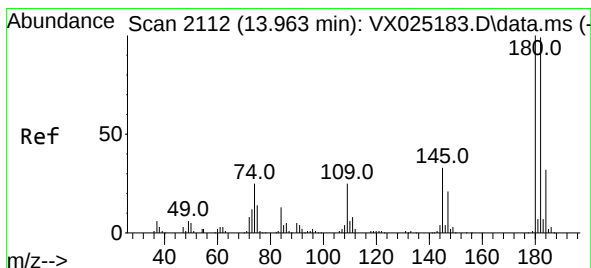
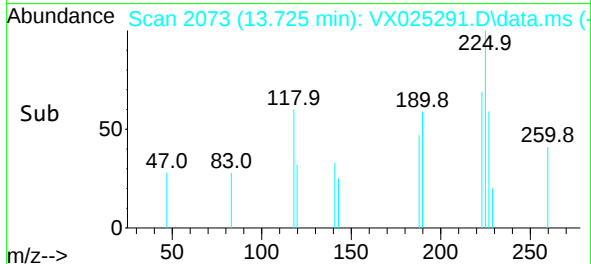
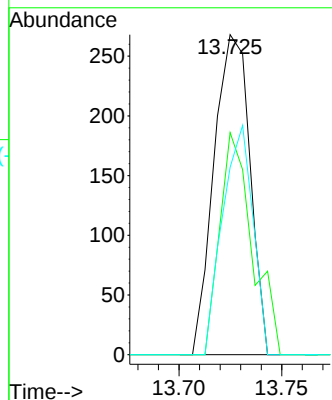
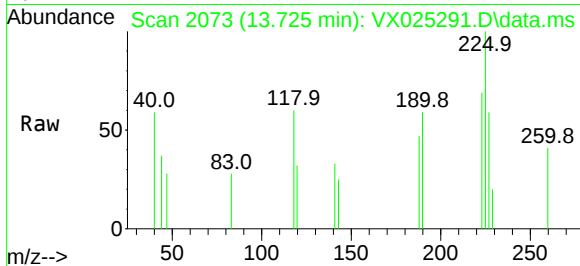




#94
Hexachlorobutadiene
Concen: 0.515 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL02

Tgt Ion:	225	Resp:	326
Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.7
227	60.4	31.1	93.5



#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025291.D
Acq: 23 Nov 2021 22:05

Tgt Ion:	180	Resp:	280
Ion	Ratio	Lower	Upper
180	100		
182	134.3	47.4	142.3
145	42.9	16.8	50.3

