

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032001.D
 Acq On : 10 Oct 2022 10:49
 Operator : JC/MD
 Sample : VX1010MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010MBL01

Quant Time: Oct 11 05:06:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

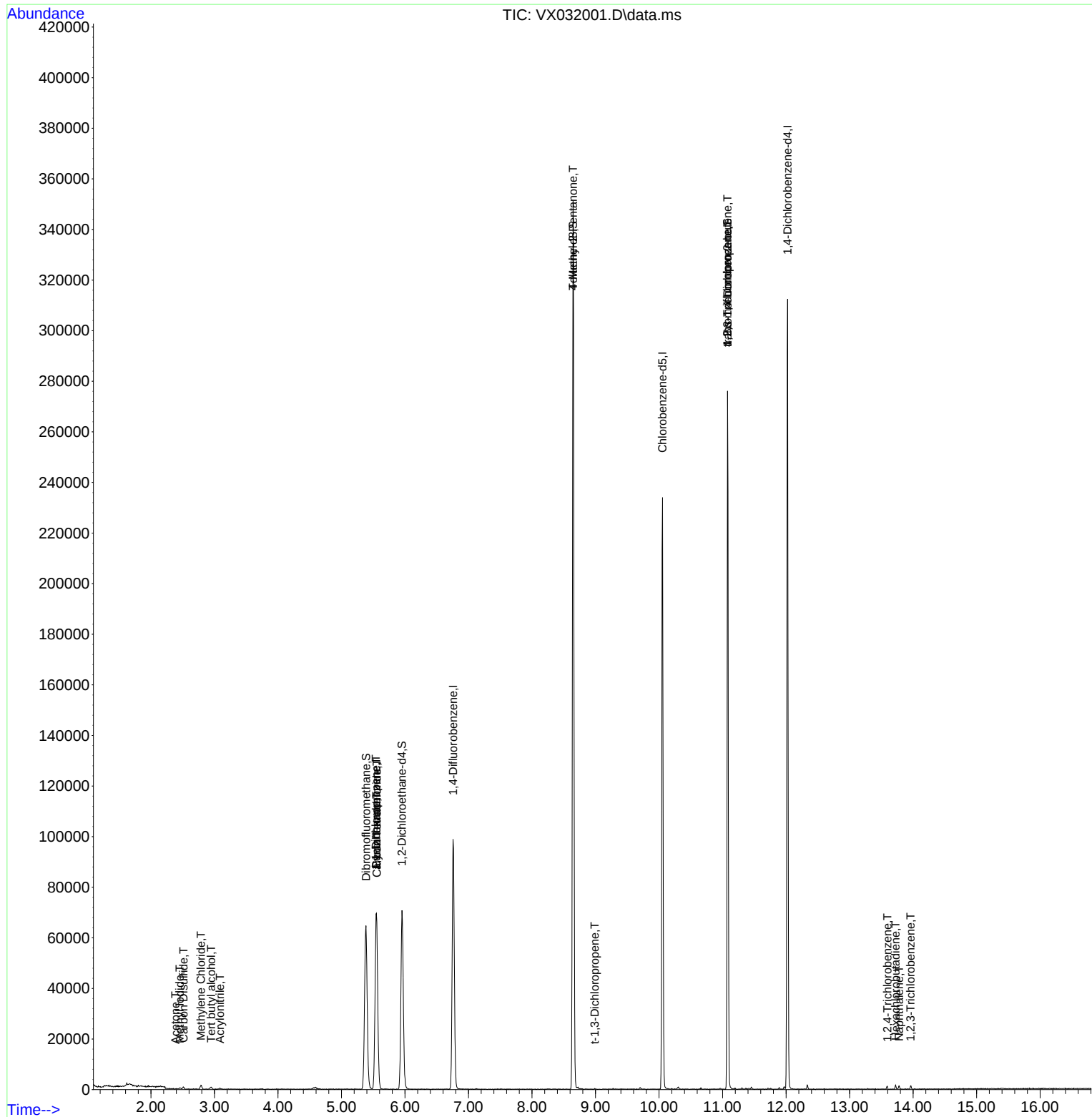
Internal Standards						
1) Pentafluorobenzene	5.550	168	67496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	100832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65612	47.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.140%		
35) Dibromofluoromethane	5.385	113	54668	47.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.800%		
50) Toluene-d8	8.647	98	201348	49.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	66113	45.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.060%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	352	Below Cal	#	79
10) Methyl Iodide	2.453	142	564	3.224	ug/l #	90
11) Tert butyl alcohol	2.947	59	422	2.433	ug/l #	73
15) Acrylonitrile	3.087	53	214	0.387	ug/l #	49
16) Acetone	2.386	43	118	0.249	ug/l #	45
17) Carbon Disulfide	2.514	76	1050	0.476	ug/l #	75
20) Methylene Chloride	2.788	84	774	0.622	ug/l	96
31) Cyclohexane	5.550	56	1388	0.834	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	5186	3.426	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6963	4.499	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	944	0.659	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	130	1.288	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	35610	27.610	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35610	94.525	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.597	180	525	0.391	ug/l	83
94) Hexachlorobutadiene	13.725	225	301	0.554	ug/l	88
95) Naphthalene	13.780	128	1303	0.283	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	456	0.335	ug/l	91

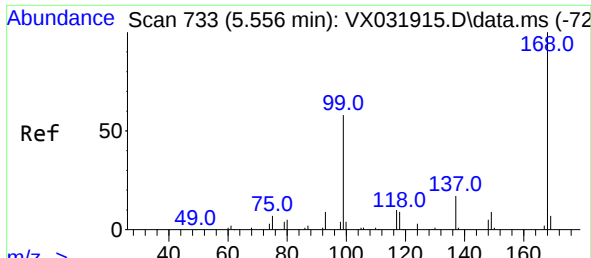
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 06 14:28:46 2022
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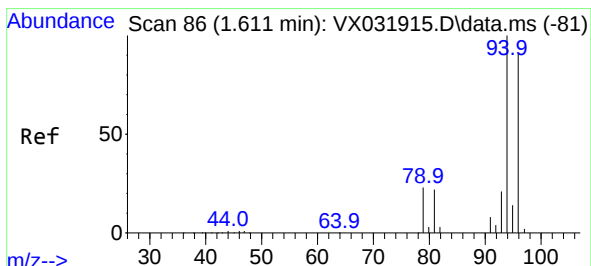
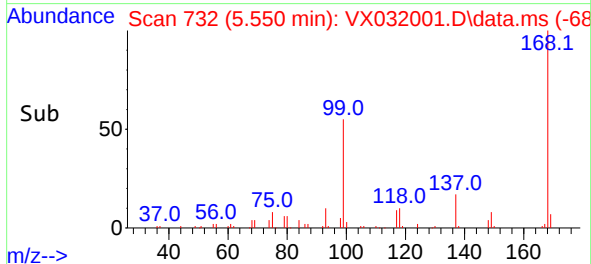
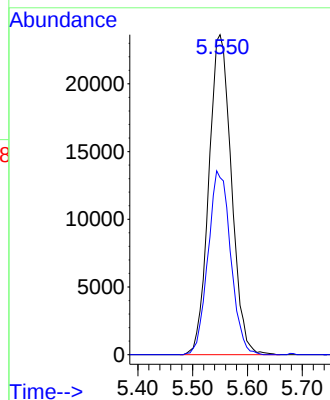
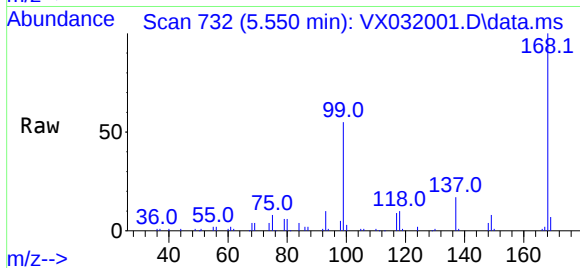




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

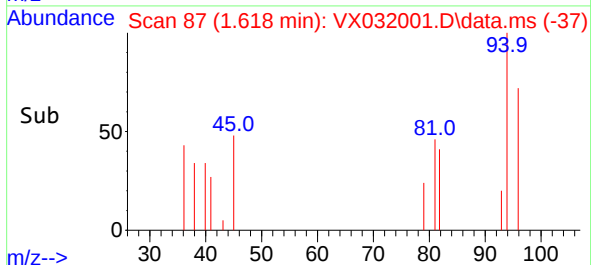
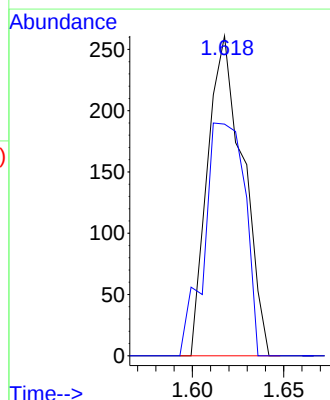
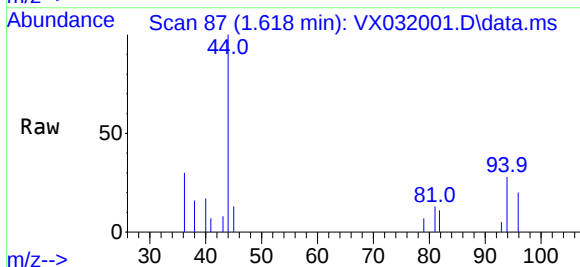
Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01

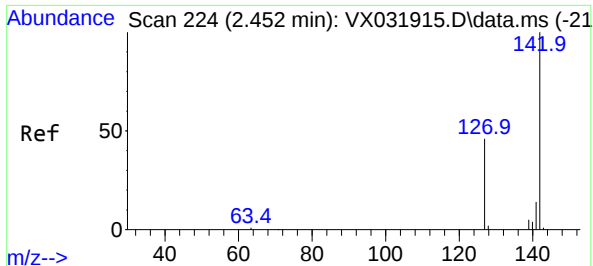
Tgt Ion:168 Resp: 67496
Ion Ratio Lower Upper
168 100
99 55.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

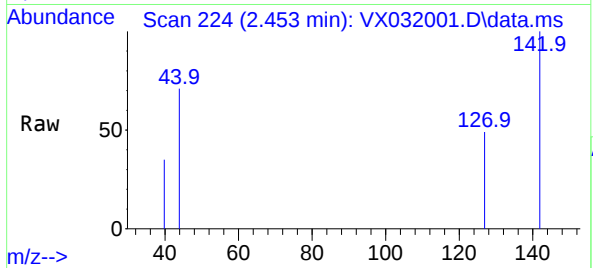
Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 72.4 74.4 111.6#





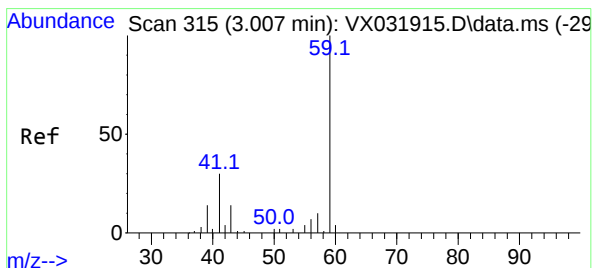
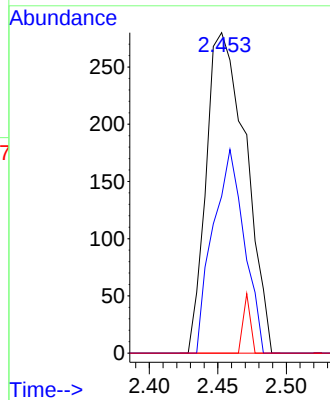
#10
Methyl Iodide
Concen: 3.224 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01



Tgt Ion:142 Resp: 564

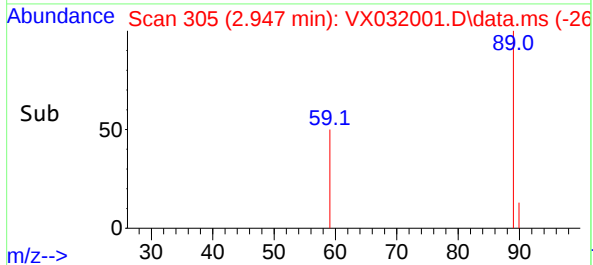
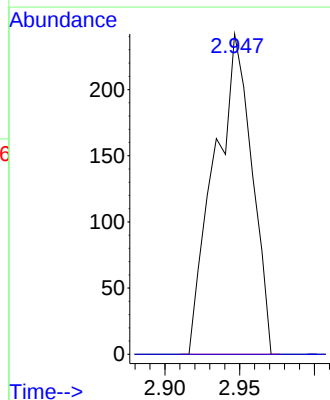
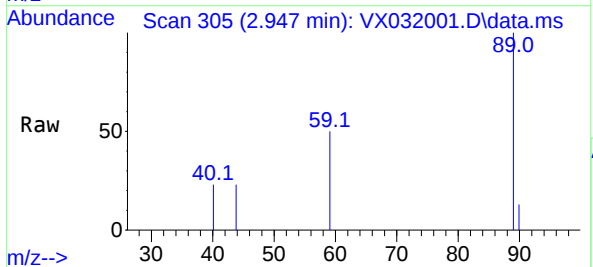
Ion	Ratio	Lower	Upper
142	100		
127	50.2	37.4	56.0
141	3.4	11.6	17.4#

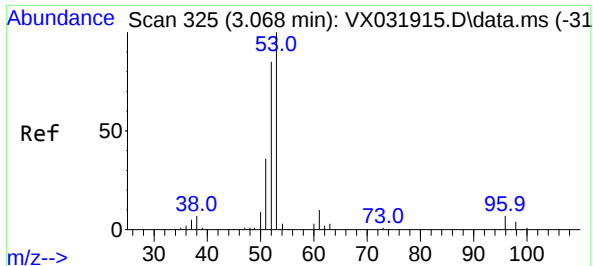


#11
Tert butyl alcohol
Concen: 2.433 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion: 59 Resp: 422

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

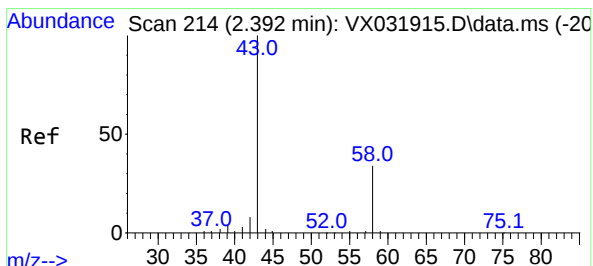
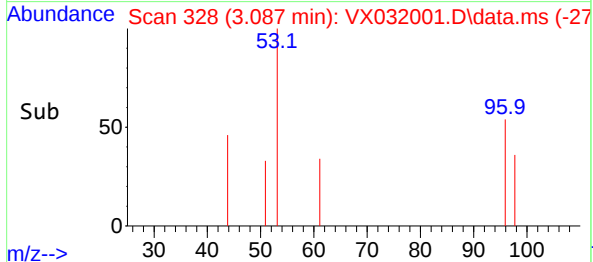
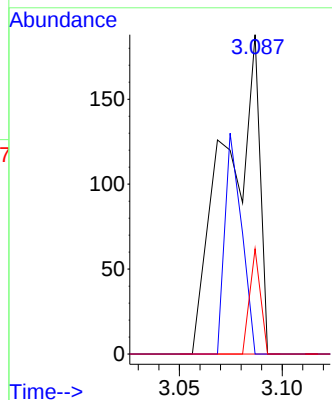
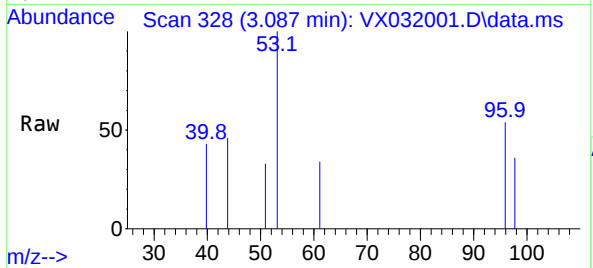




#15
Acrylonitrile
Concen: 0.387 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

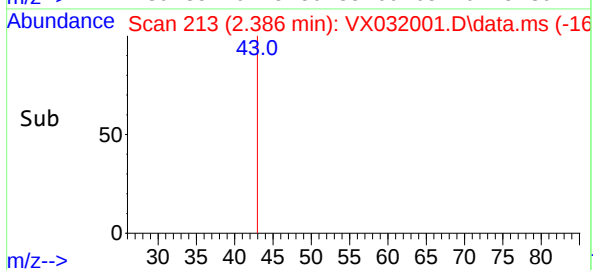
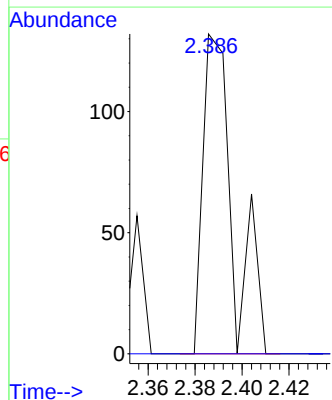
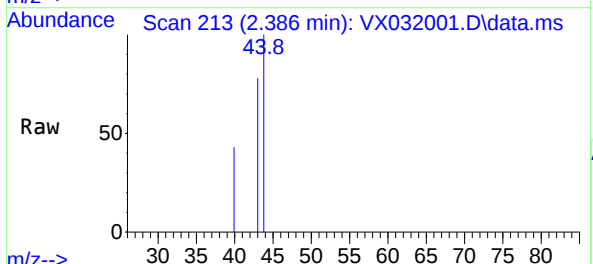
Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01

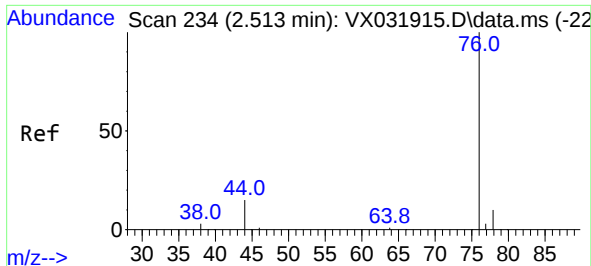
Tgt Ion: 53 Resp: 214
Ion Ratio Lower Upper
53 100
52 34.6 66.9 100.3#
51 10.7 30.0 45.0#



#16
Acetone
Concen: 0.249 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

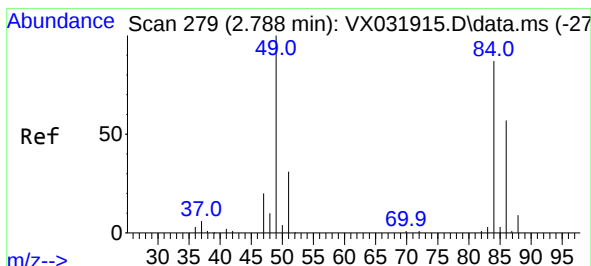
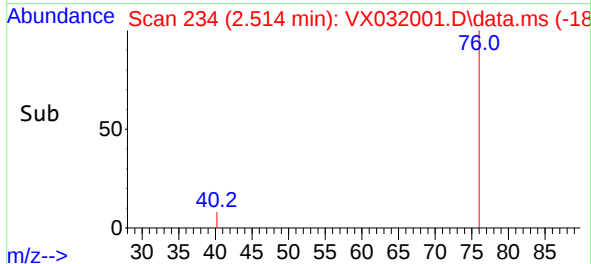
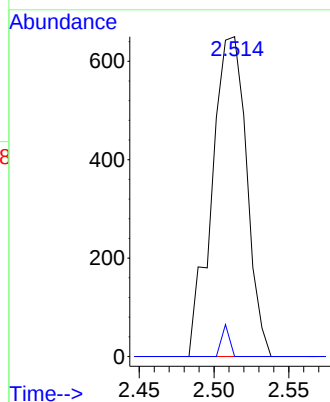
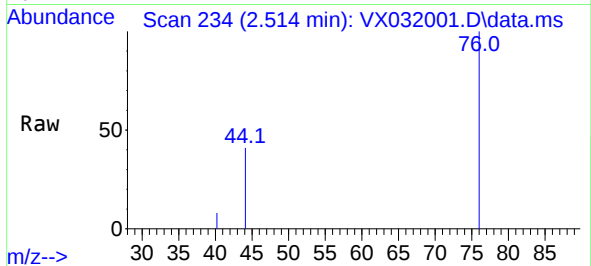




#17
Carbon Disulfide
Concen: 0.476 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

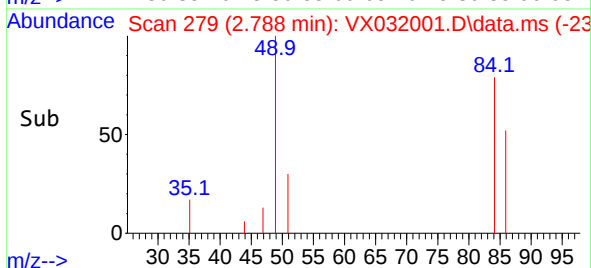
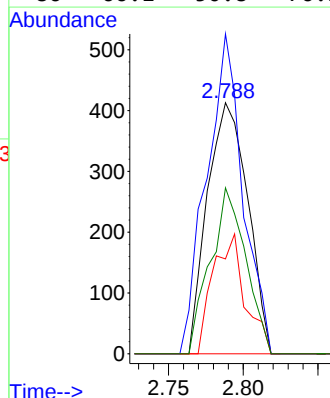
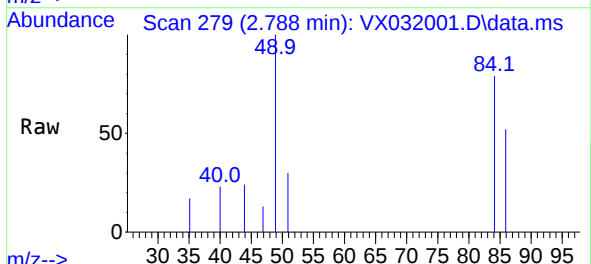
Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01

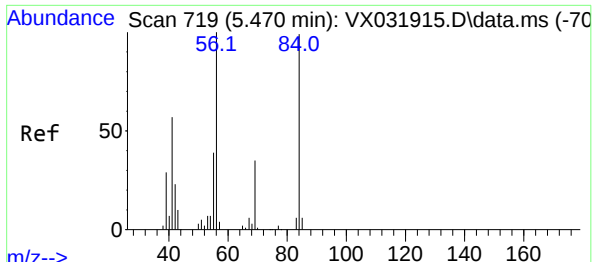
Tgt Ion: 76 Resp: 1050
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.622 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion: 84 Resp: 774
Ion Ratio Lower Upper
84 100
49 127.4 105.9 158.9
51 37.8 32.2 48.2
86 66.1 50.8 76.2

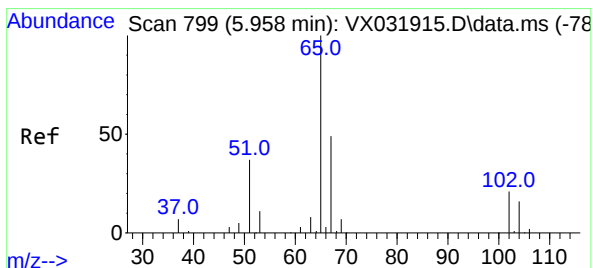
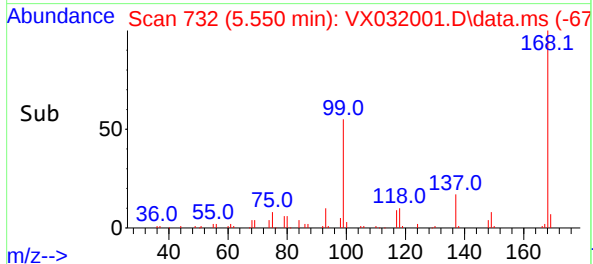
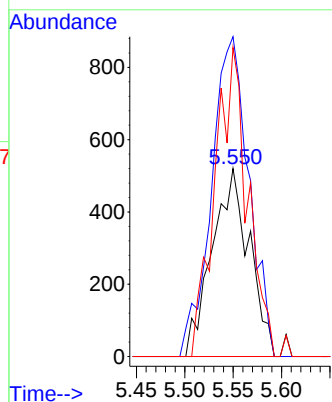
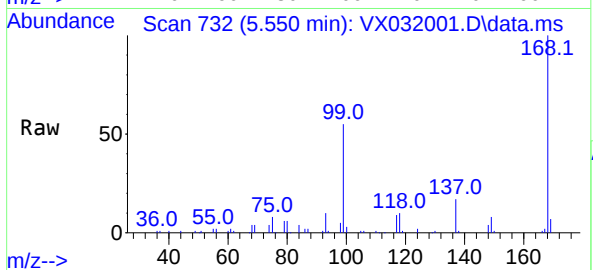




#31
Cyclohexane
Concen: 0.834 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

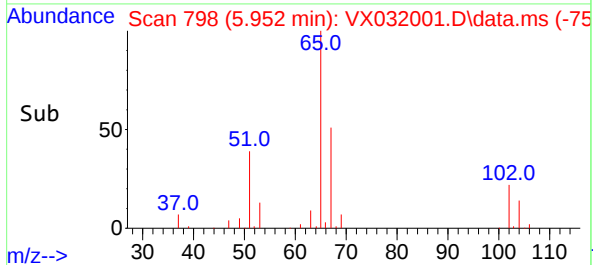
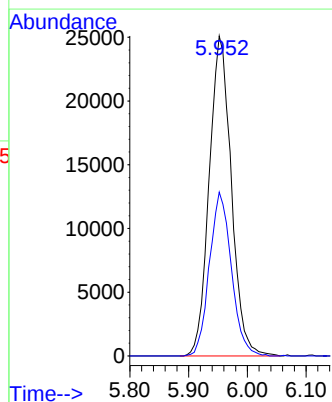
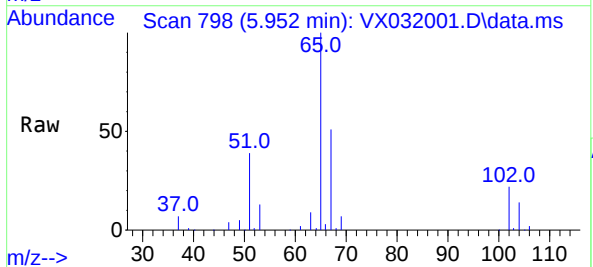
Instrument :
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ClientSampleId :
VX1010MBL01

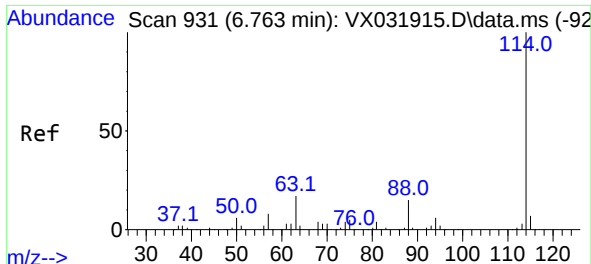
Tgt Ion: 56 Resp: 1388
Ion Ratio Lower Upper
56 100
69 170.2 25.1 37.7#
84 164.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 47.070 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion: 65 Resp: 65612
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4

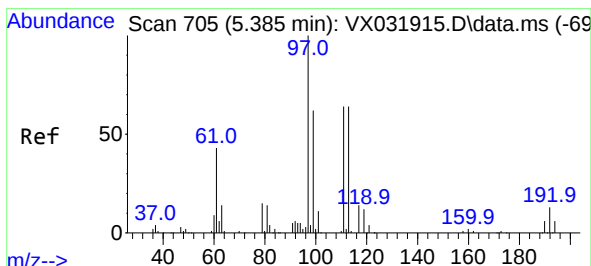
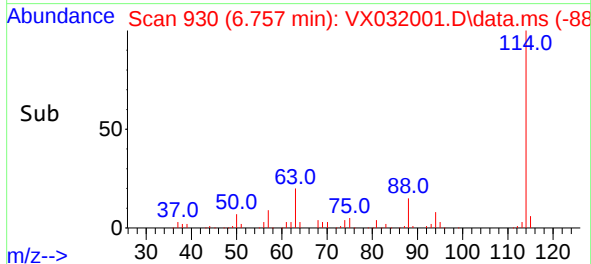
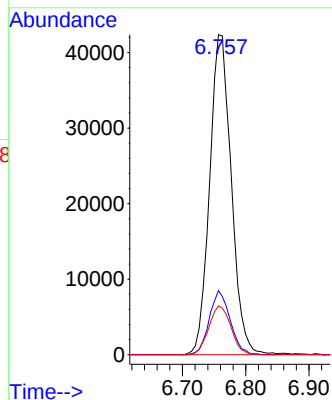
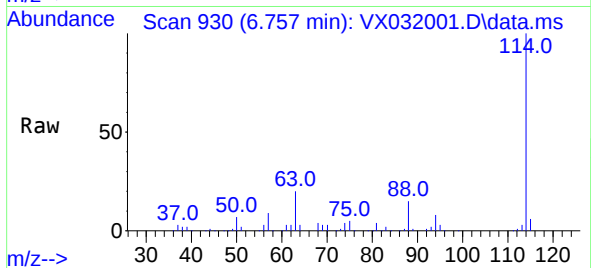




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

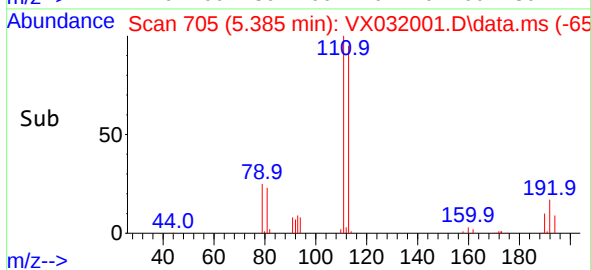
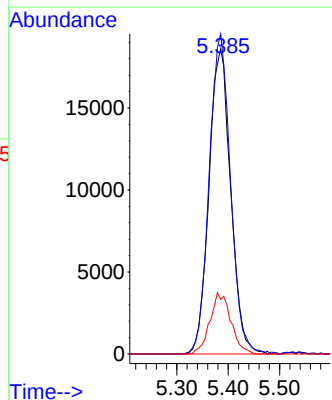
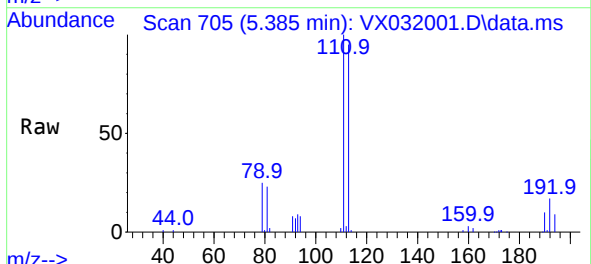
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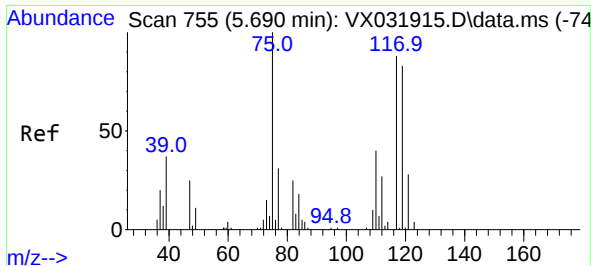
Tgt Ion:114 Resp: 100832
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.897 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion:113 Resp: 54668
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.3 14.1 21.1

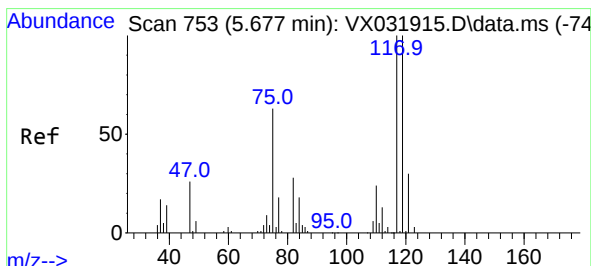
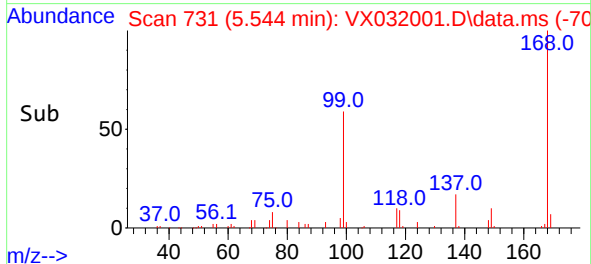
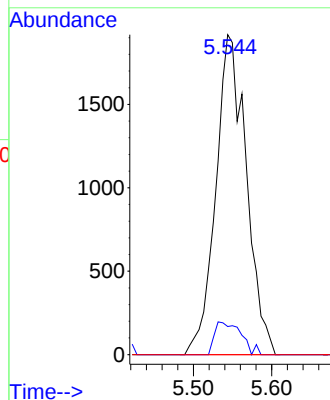
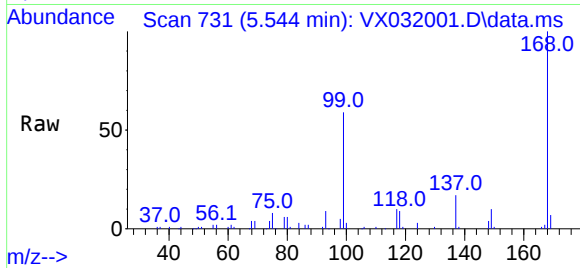




#36
1,1-Dichloropropene
Concen: 3.426 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

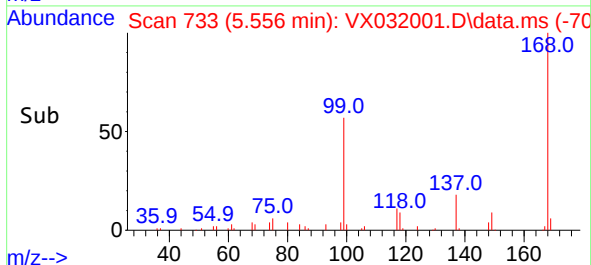
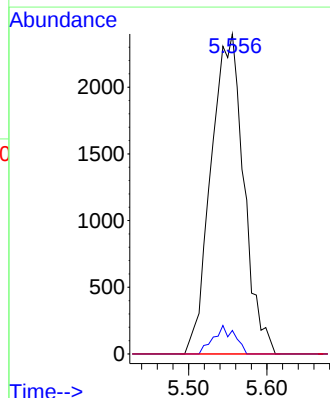
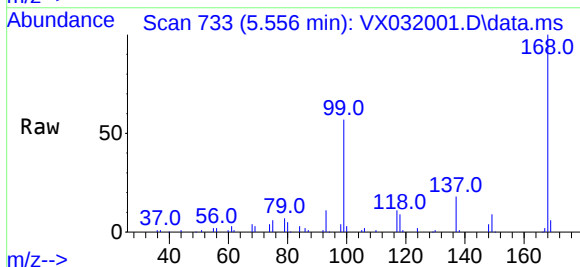
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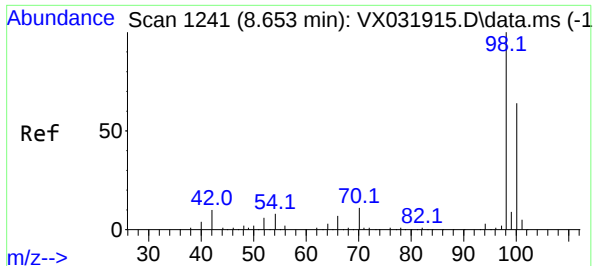
Tgt Ion: 75 Resp: 5186
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.499 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion: 117 Resp: 6963
Ion Ratio Lower Upper
117 100
119 7.3 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.025 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032001.D

Acq: 10 Oct 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

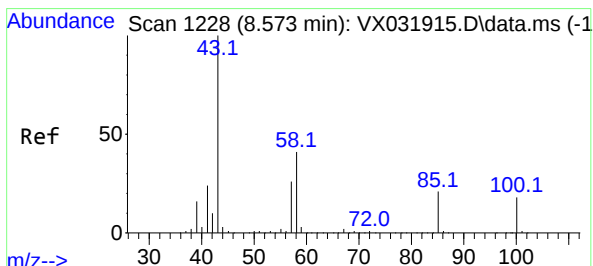
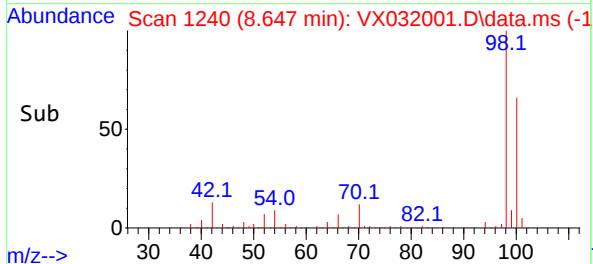
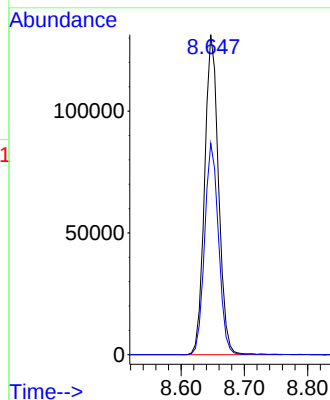
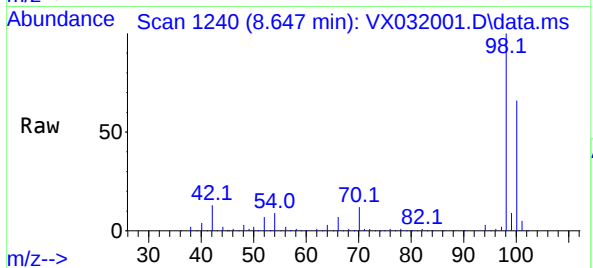
VX1010MBL01

Tgt Ion: 98 Resp: 201348

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.659 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032001.D

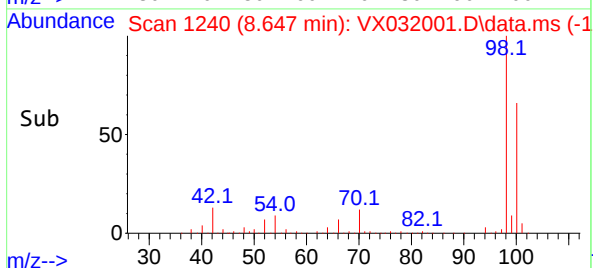
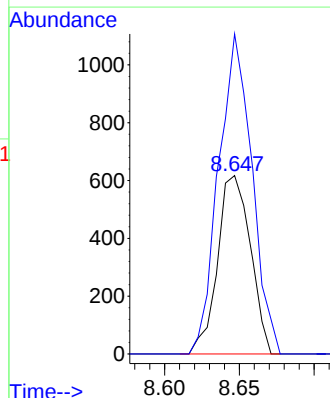
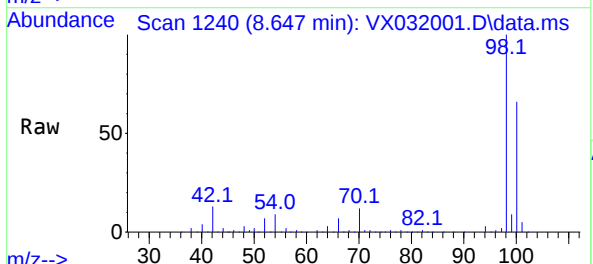
Acq: 10 Oct 2022 10:49

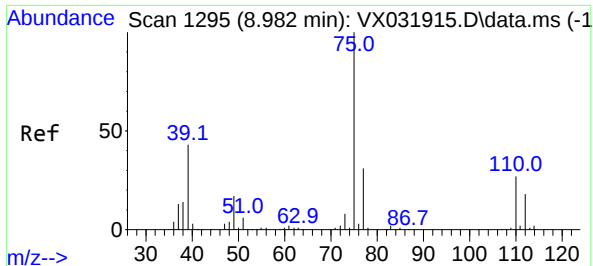
Tgt Ion: 43 Resp: 944

Ion Ratio Lower Upper

43 100

58 182.1 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 1.288 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032001.D

Acq: 10 Oct 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

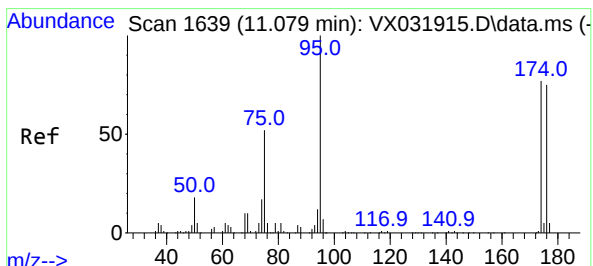
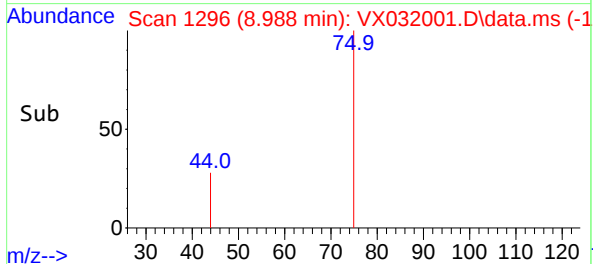
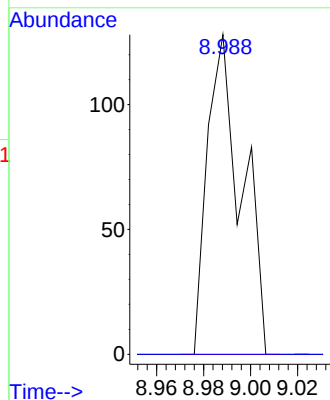
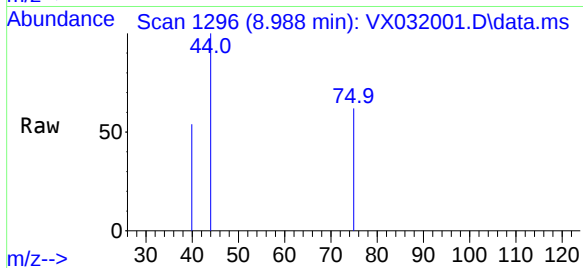
VX1010MBL01

Tgt Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#62

4-Bromofluorobenzene

Concen: 45.534 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032001.D

Acq: 10 Oct 2022 10:49

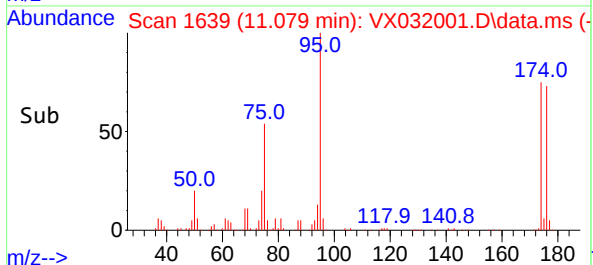
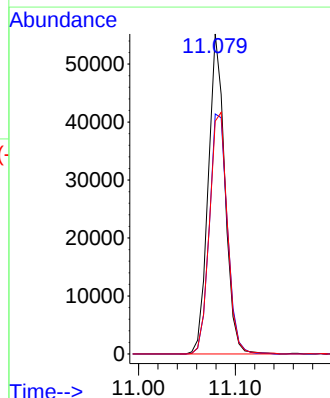
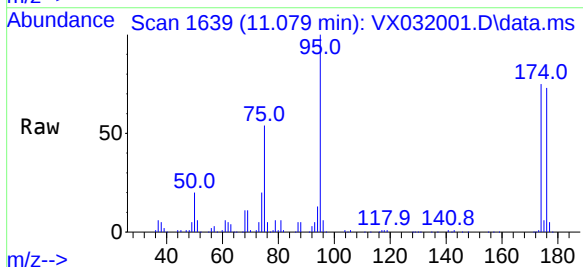
Tgt Ion: 95 Resp: 66113

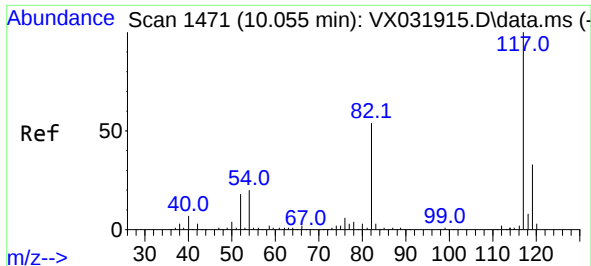
Ion Ratio Lower Upper

95 100

174 81.2 0.0 153.2

176 81.0 0.0 144.0

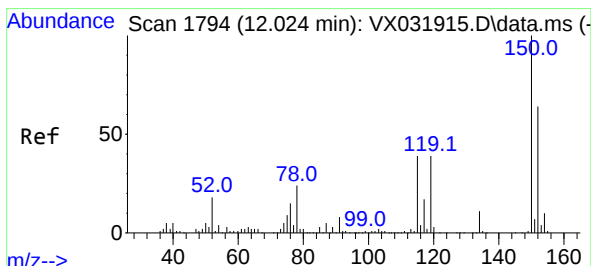
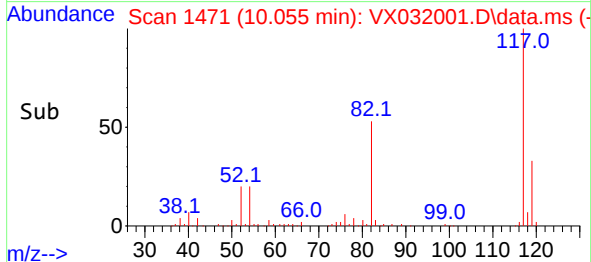
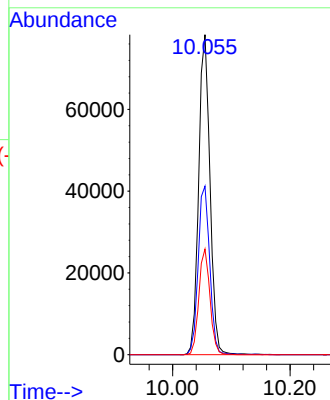
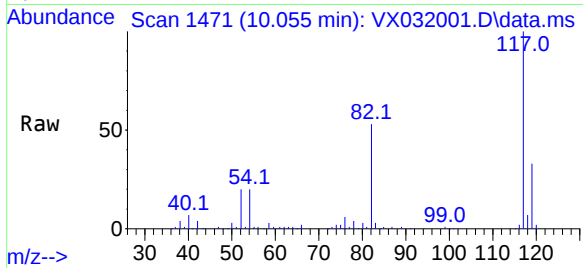




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

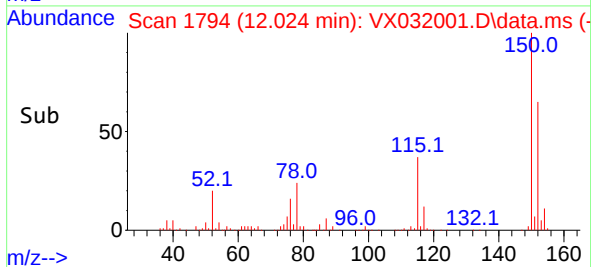
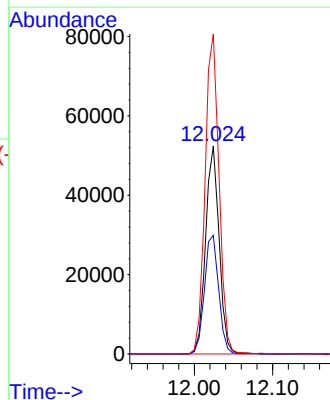
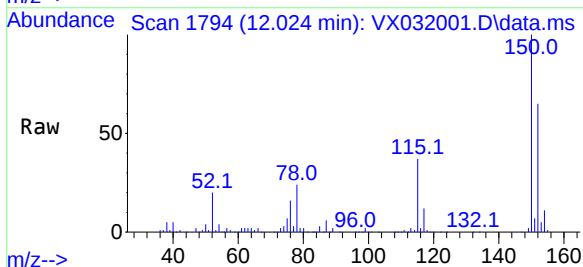
Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01

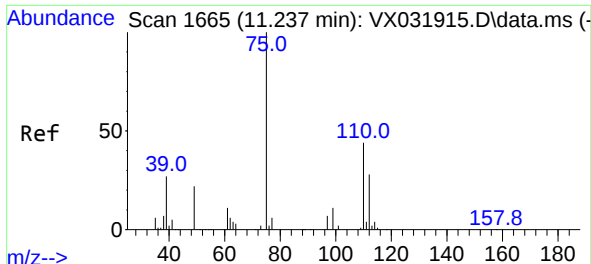
Tgt Ion:117 Resp: 104557
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 33.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion:152 Resp: 62931
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.1
150 158.0 0.0 346.8

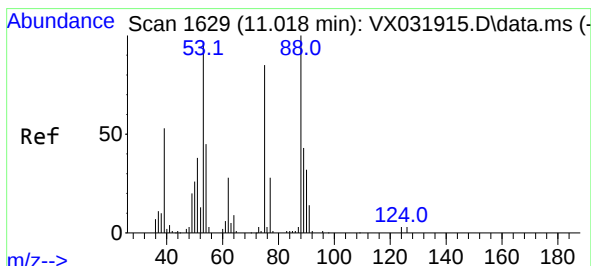
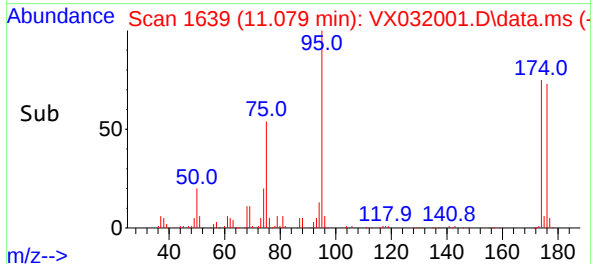
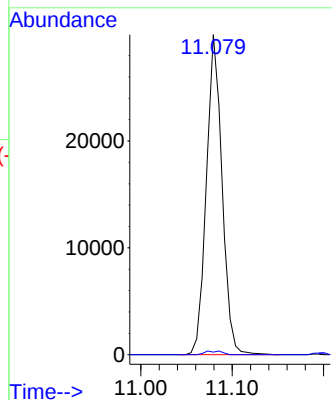
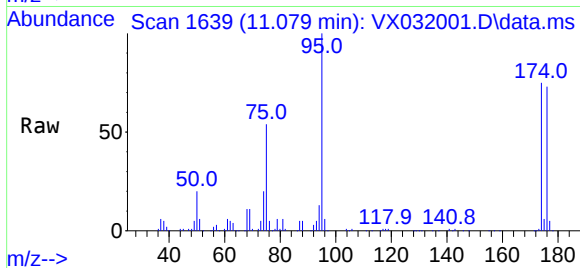




#76
1,2,3-Trichloropropane
Concen: 27.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

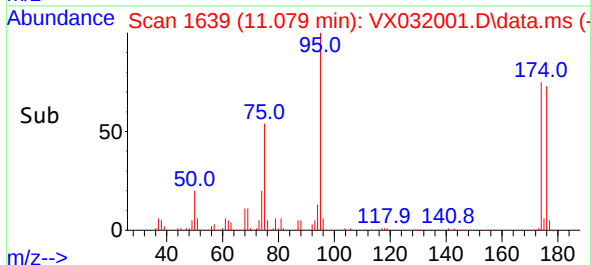
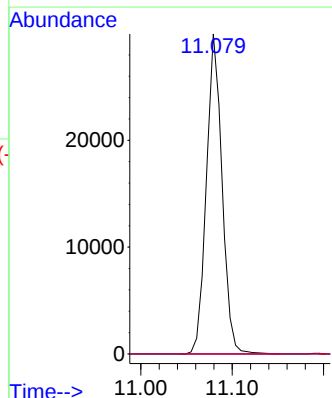
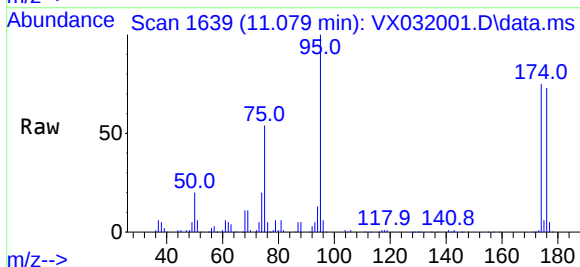
Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01

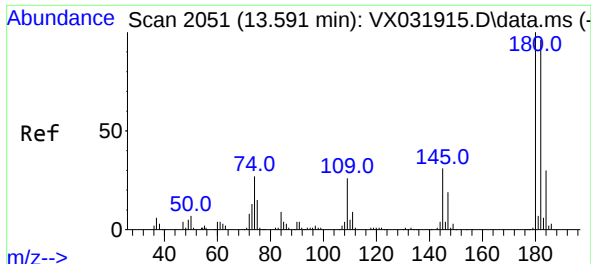
Tgt Ion: 75 Resp: 35610
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion: 75 Resp: 35610
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.391 ug/l

RT: 13.597 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX032001.D

Acq: 10 Oct 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX1010MBL01

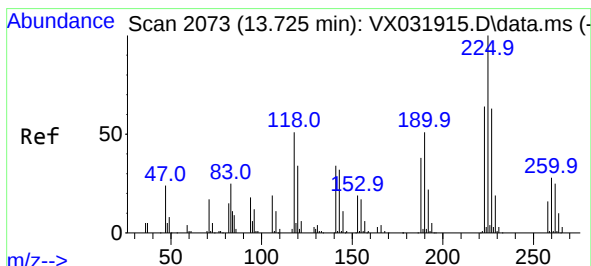
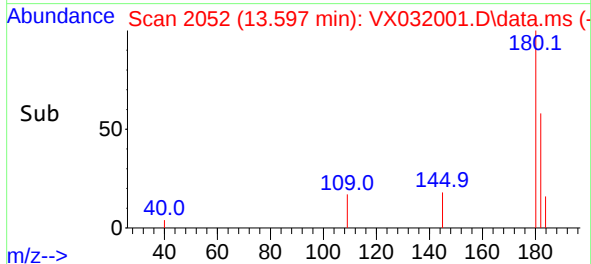
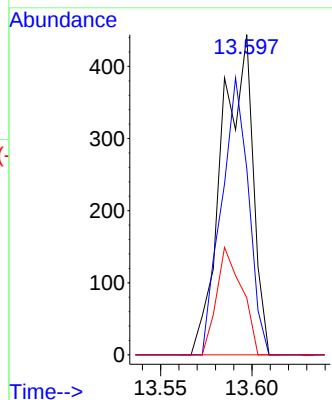
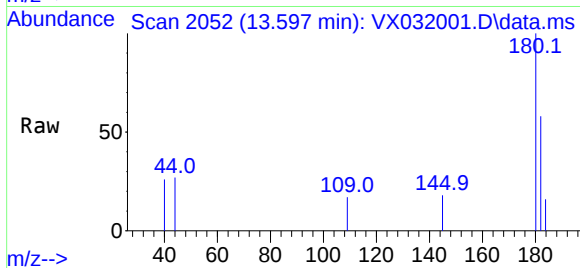
Tgt Ion:180 Resp: 525

Ion Ratio Lower Upper

180 100

182 74.9 46.9 140.6

145 27.4 16.7 50.1



#94

Hexachlorobutadiene

Concen: 0.554 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX032001.D

Acq: 10 Oct 2022 10:49

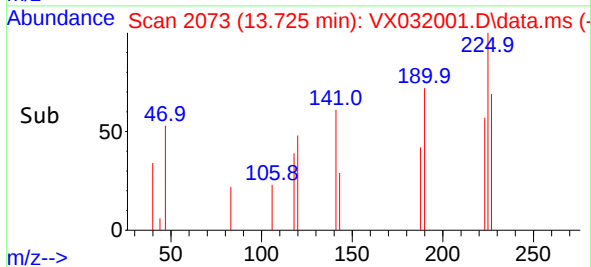
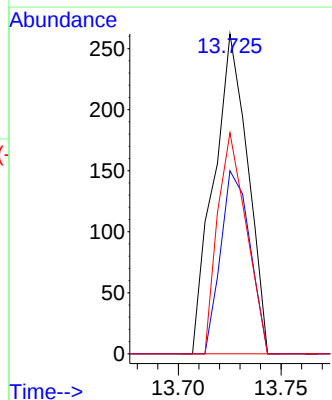
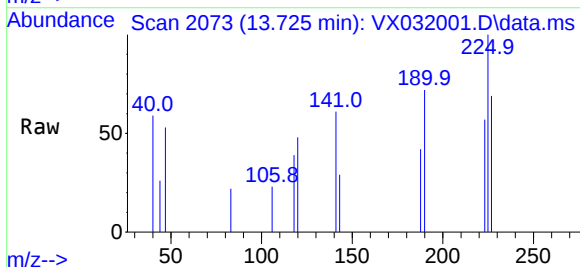
Tgt Ion:225 Resp: 301

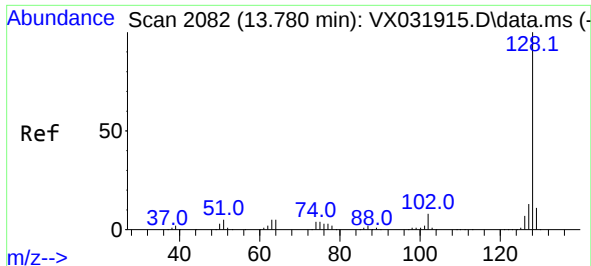
Ion Ratio Lower Upper

225 100

223 49.5 30.8 92.4

227 58.5 32.3 96.9

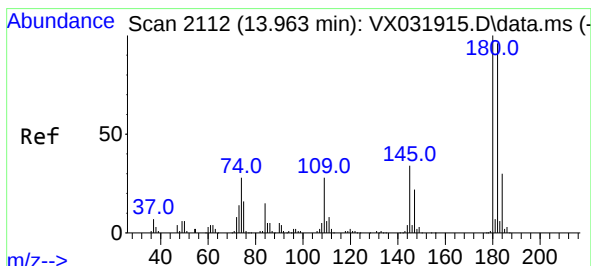
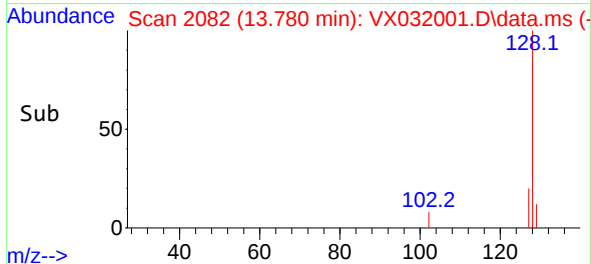
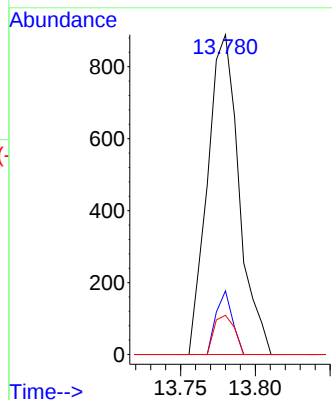
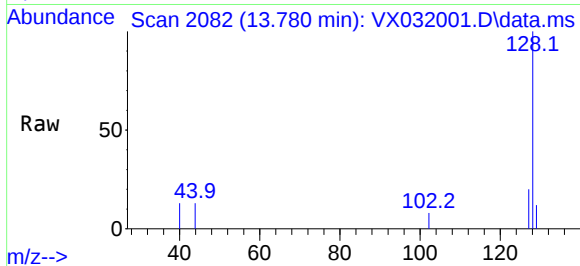




#95
Naphthalene
Concen: 0.283 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX1010MBL01

Tgt Ion:128	Resp:	1303
Ion	Ratio	Lower Upper
128	100	
127	10.4	10.4 15.6#
129	7.8	8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.335 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032001.D
Acq: 10 Oct 2022 10:49

Tgt Ion:180	Resp:	456
Ion	Ratio	Lower Upper
180	100	
182	104.2	47.9 143.8
145	28.1	17.6 52.8

