

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032100.D
 Acq On : 13 Oct 2022 10:51
 Operator : JC/MD
 Sample : VX1013MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBL01

Quant Time: Oct 14 07:49:19 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	88371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96023	52.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.220%
35) Dibromofluoromethane	5.379	113	71578	47.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	265097	49.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	94170	49.320	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%

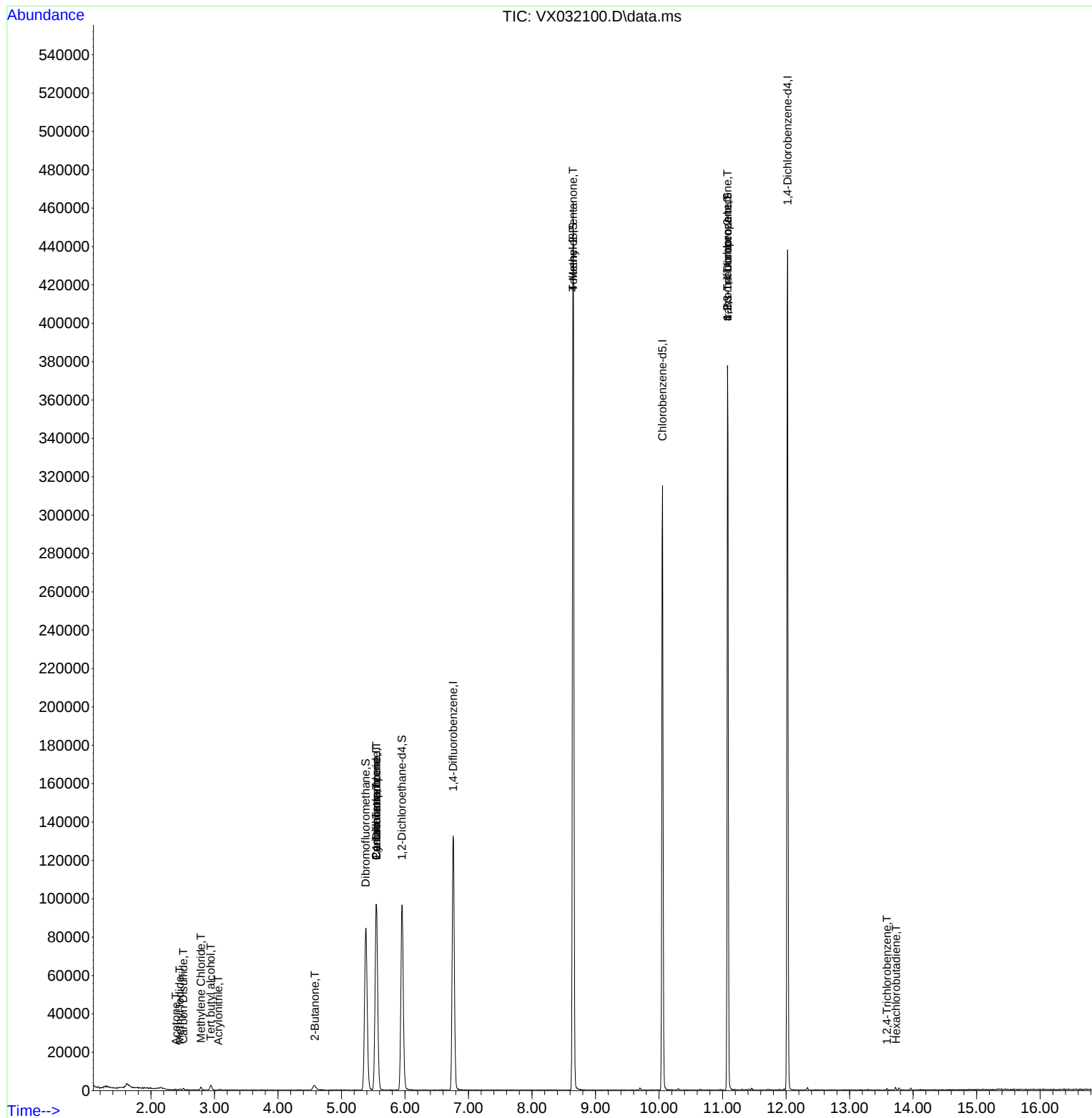
Target Compounds					Qvalue
5) Bromomethane	1.617	94	403	Below Cal	90
10) Methyl Iodide	2.453	142	577	3.121 ug/l #	87
11) Tert butyl alcohol	2.940	59	1649	7.262 ug/l #	73
13) Acrolein	2.239	56	18	Below Cal #	15
15) Acrylonitrile	3.062	53	153	0.211 ug/l #	66
16) Acetone	2.392	43	543	0.875 ug/l #	79
17) Carbon Disulfide	2.508	76	1002	0.347 ug/l #	75
20) Methylene Chloride	2.788	84	600	0.368 ug/l #	88
25) 2-Butanone	4.580	43	345	0.356 ug/l	92
31) Cyclohexane	5.550	56	2199	1.009 ug/l #	30
36) 1,1-Dichloropropene	5.550	75	7702	3.870 ug/l #	50
38) Carbon Tetrachloride	5.550	117	10000	4.914 ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1245	0.661 ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54005	30.981 ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	54005	105.628 ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	403	0.222 ug/l	81
94) Hexachlorobutadiene	13.731	225	319	0.434 ug/l	73

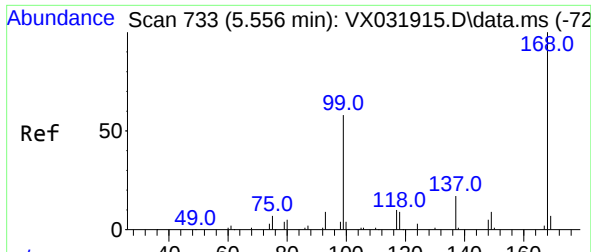
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

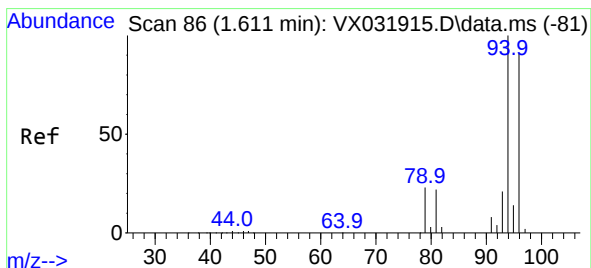
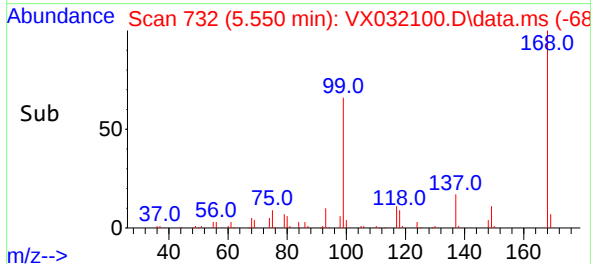
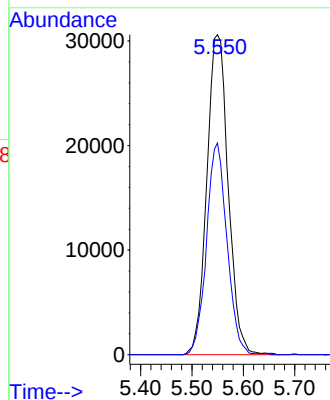
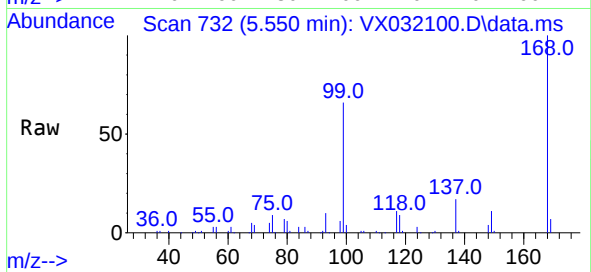




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

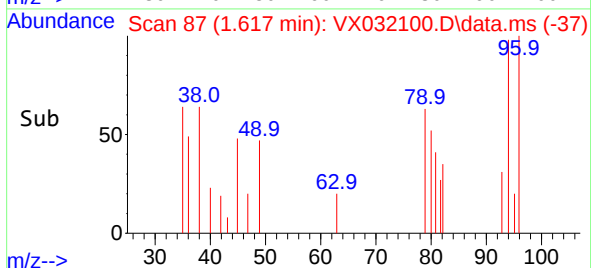
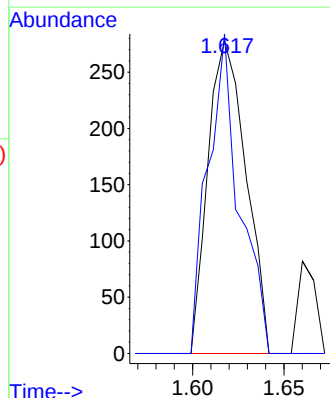
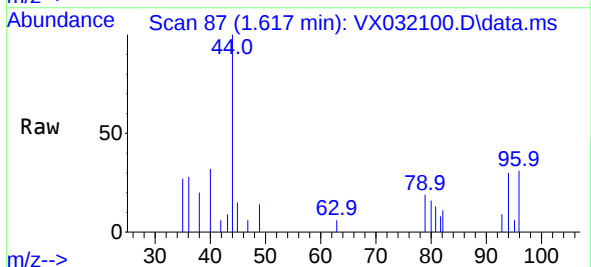
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

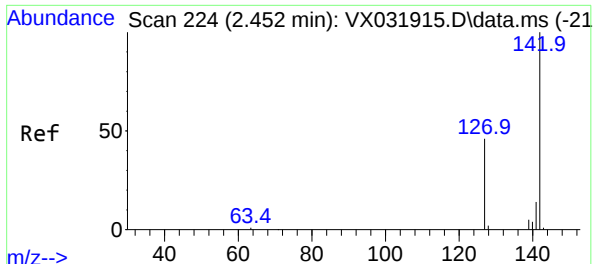
Tgt Ion:168 Resp: 88371
Ion Ratio Lower Upper
168 100
99 66.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

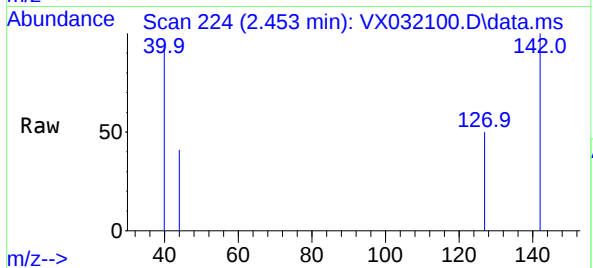
Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 102.2 74.4 111.6



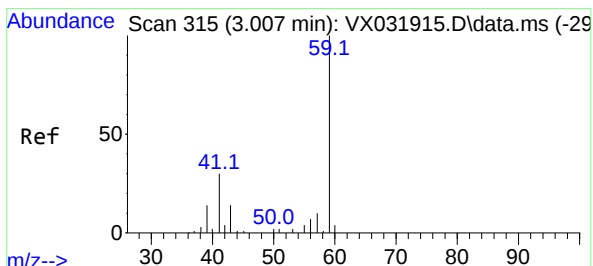
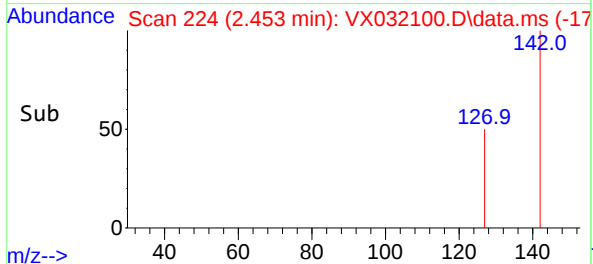
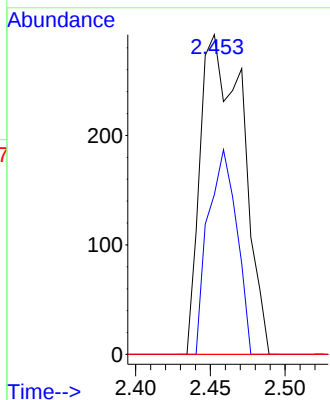


#10
Methyl Iodide
Concen: 3.121 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

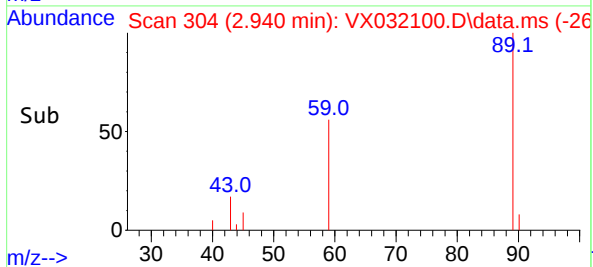
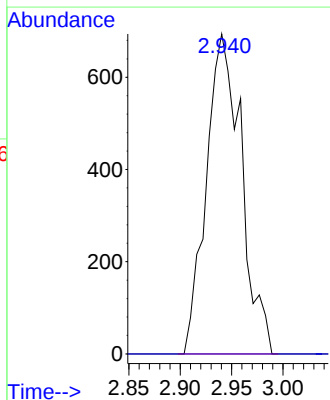
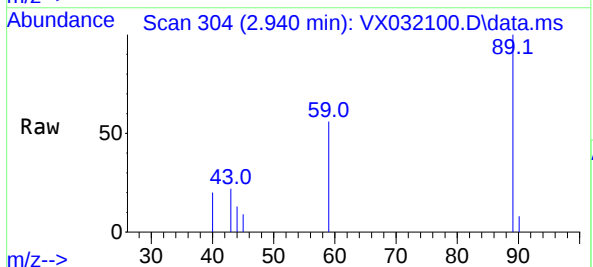


Tgt Ion:142 Resp: 577
Ion Ratio Lower Upper
142 100
127 43.0 37.4 56.0
141 0.0 11.6 17.4#

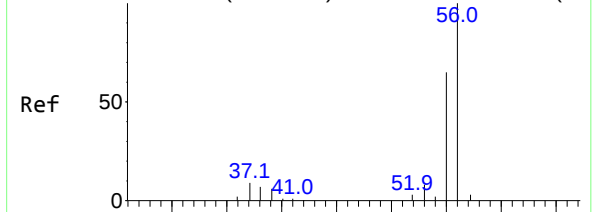


#11
Tert butyl alcohol
Concen: 7.262 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 59 Resp: 1649
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

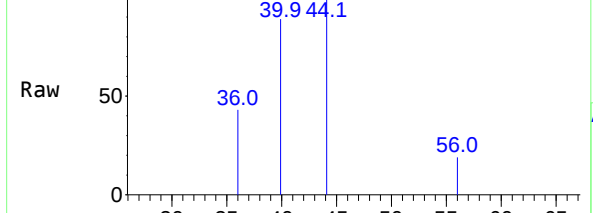


Abundance Scan 189 (2.239 min): VX031915.D\data.ms (-18



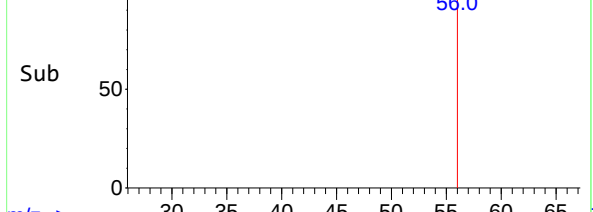
m/z-->

Abundance Scan 189 (2.239 min): VX032100.D\data.ms



m/z-->

Abundance Scan 189 (2.239 min): VX032100.D\data.ms (-14



m/z-->

#13

Acrolein

Concen: Below Cal

RT: 2.239 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX032100.D

Acq: 13 Oct 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBL01

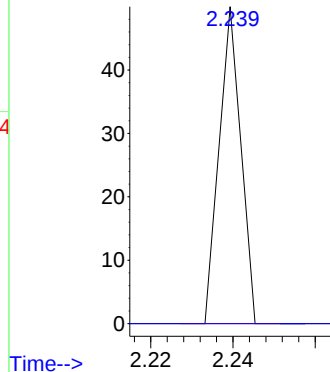
Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

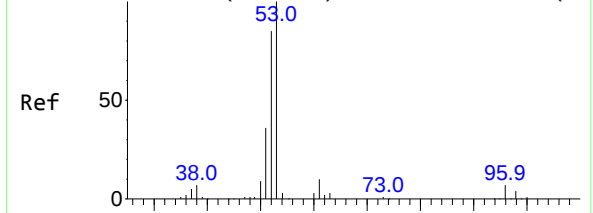
55 0.0 56.0 84.0#

Abundance



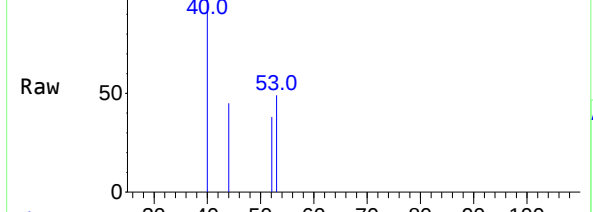
Time-->

Abundance Scan 325 (3.068 min): VX031915.D\data.ms (-31



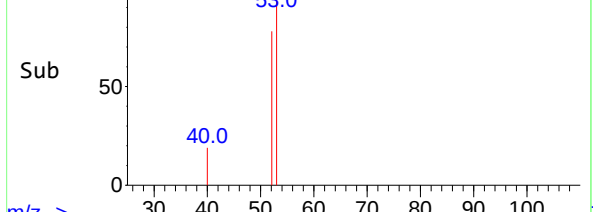
m/z-->

Abundance Scan 324 (3.062 min): VX032100.D\data.ms



m/z-->

Abundance Scan 324 (3.062 min): VX032100.D\data.ms (-27



m/z-->

#15

Acrylonitrile

Concen: 0.211 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.006 min

Lab File: VX032100.D

Acq: 13 Oct 2022 10:51

Tgt Ion: 53 Resp: 153

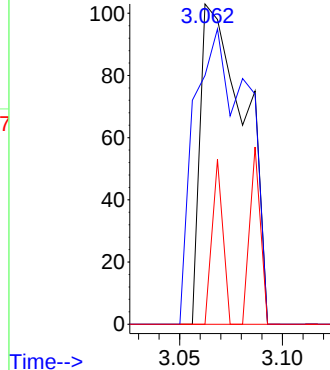
Ion Ratio Lower Upper

53 100

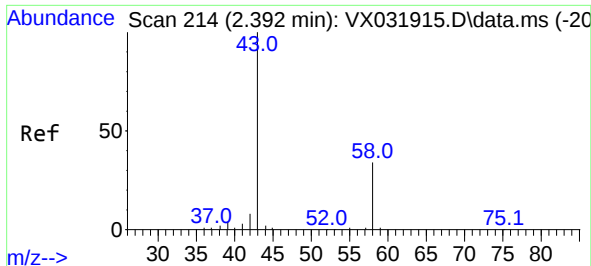
52 111.8 66.9 100.3#

51 12.4 30.0 45.0#

Abundance



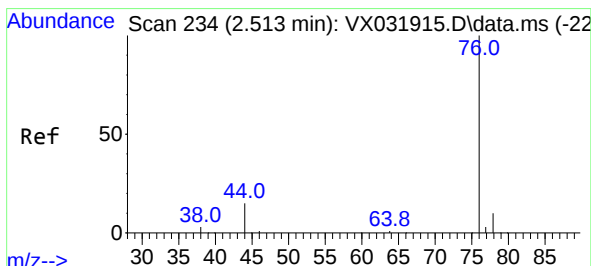
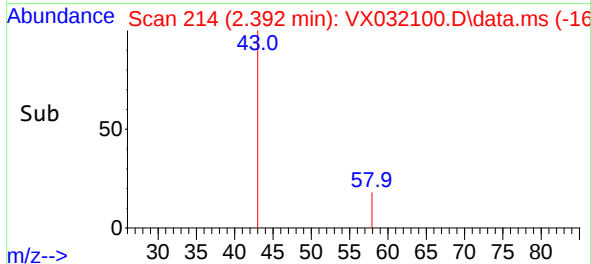
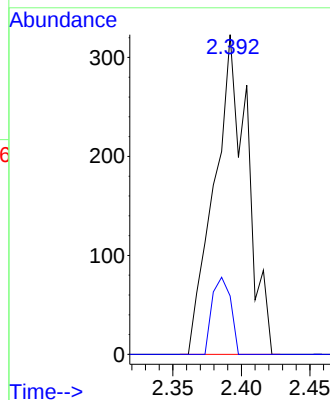
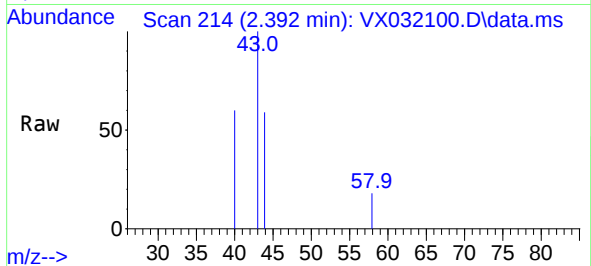
Time-->



#16
Acetone
Concen: 0.875 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

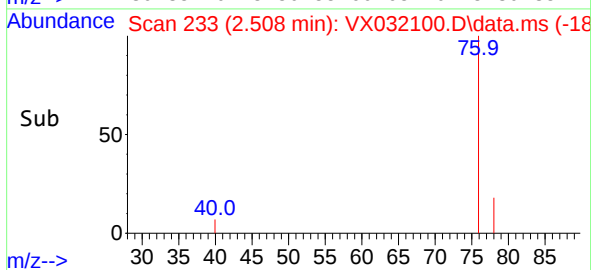
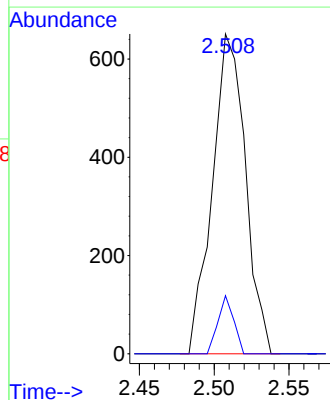
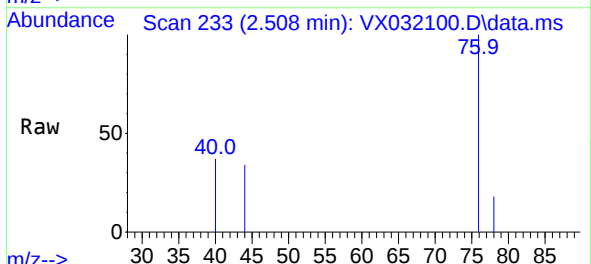
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

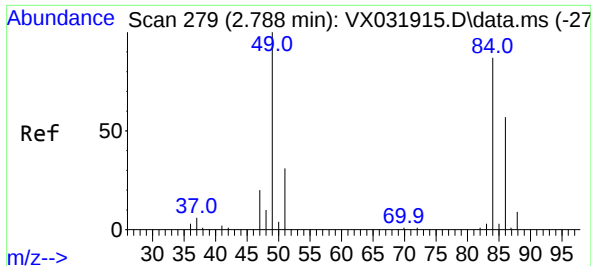
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 18.3 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.347 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 76 Resp: 1002
Ion Ratio Lower Upper
76 100
78 18.1 7.2 10.8#



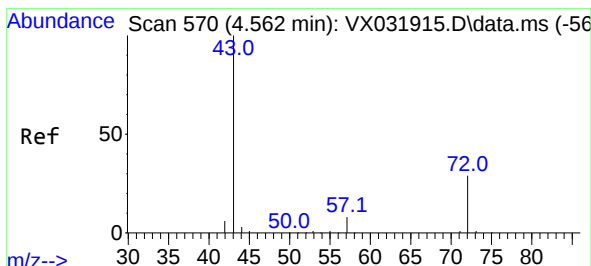
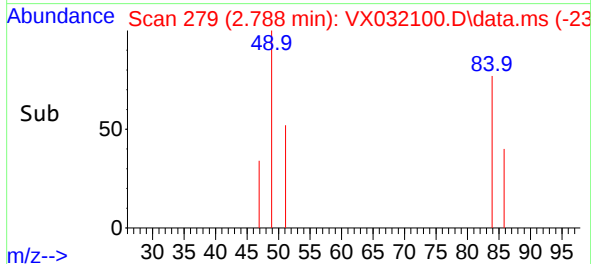
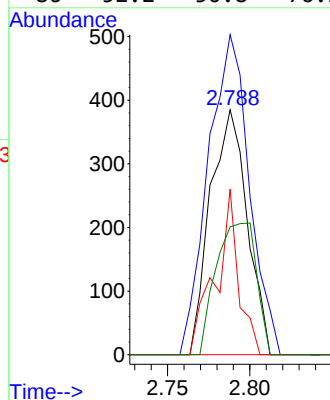
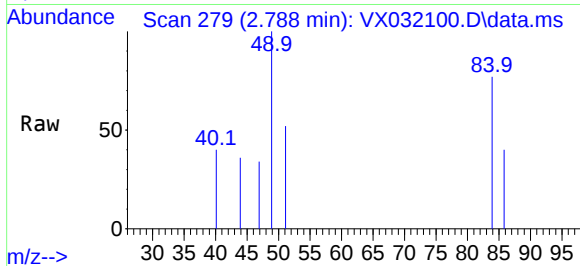


#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

Tgt Ion: 84 Resp: 600

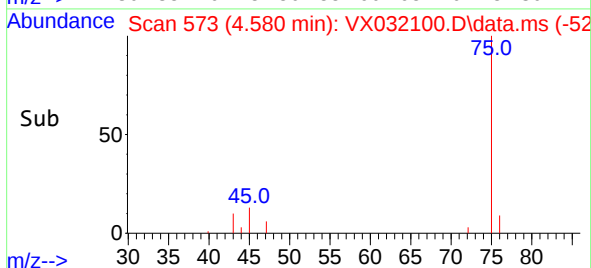
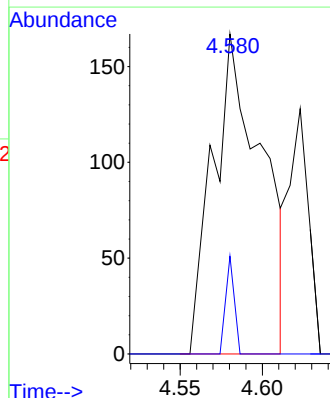
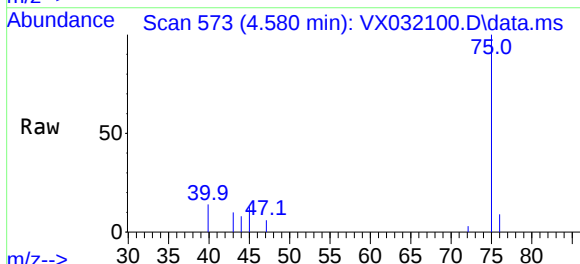
Ion	Ratio	Lower	Upper
84	100		
49	130.6	105.9	158.9
51	67.5	32.2	48.2#
86	52.2	50.8	76.2

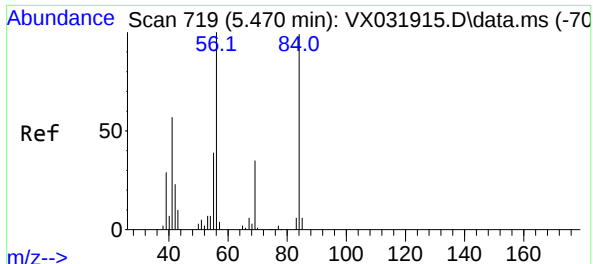


#25
2-Butanone
Concen: 0.356 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 43 Resp: 345

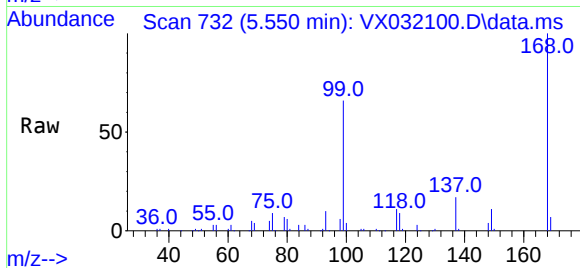
Ion	Ratio	Lower	Upper
43	100		
72	30.5	21.1	31.7



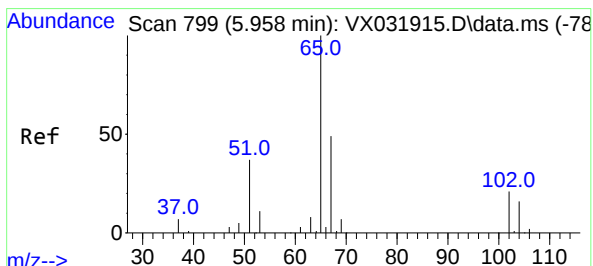
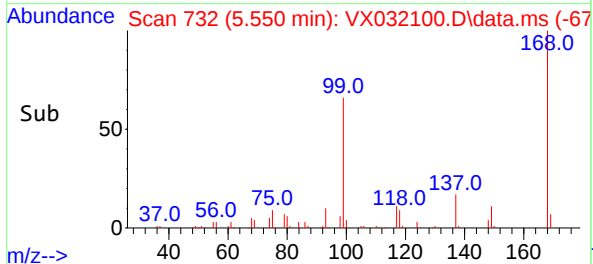
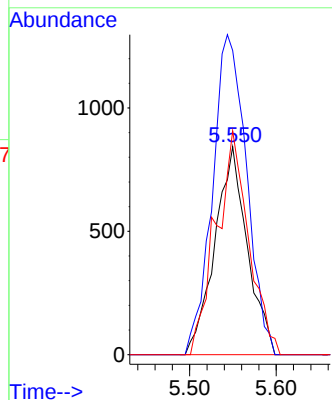


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Instrument :
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ClientSampleId :
VX1013MBL01

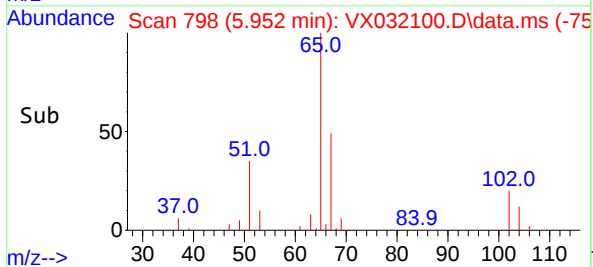
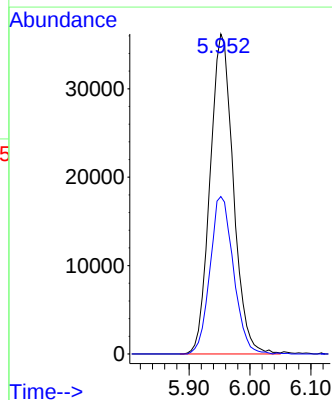
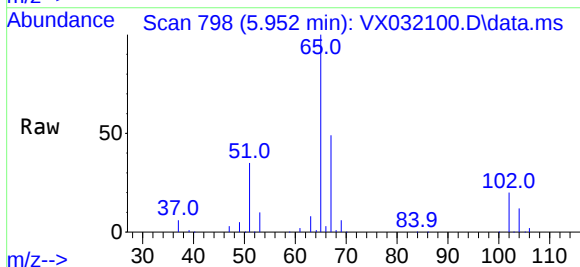


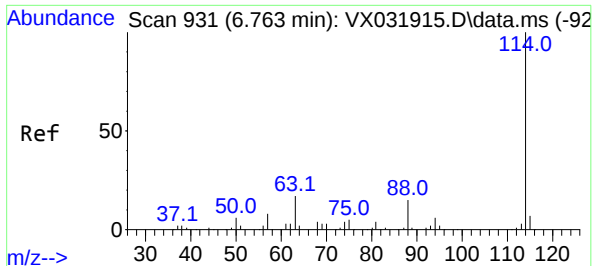
Tgt Ion: 56 Resp: 2199
Ion Ratio Lower Upper
56 100
69 146.3 25.1 37.7#
84 107.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.614 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 65 Resp: 96023
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.4

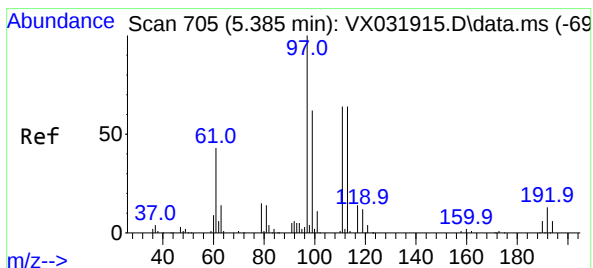
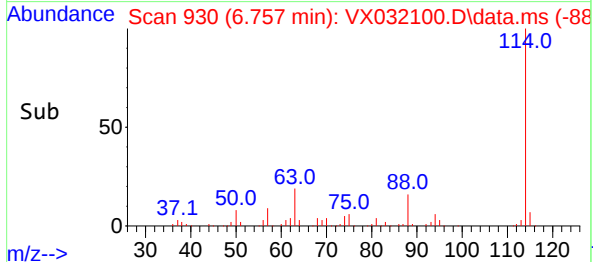
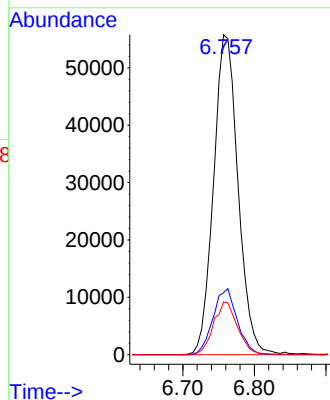
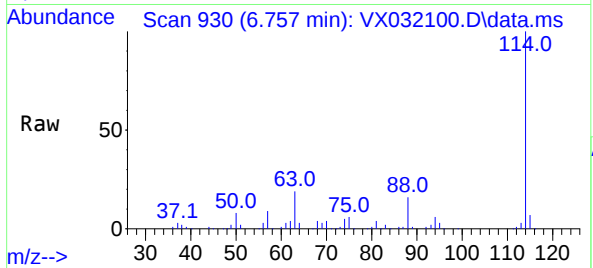




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

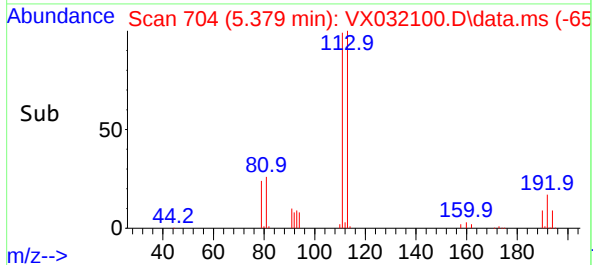
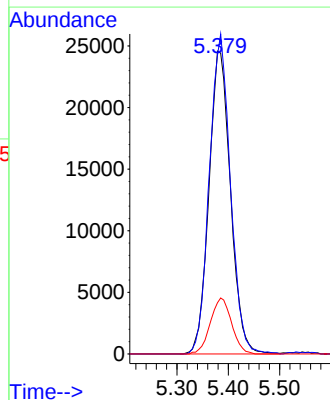
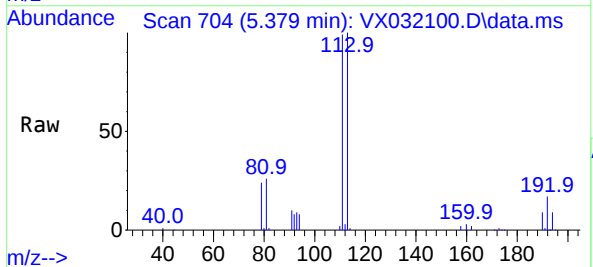
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

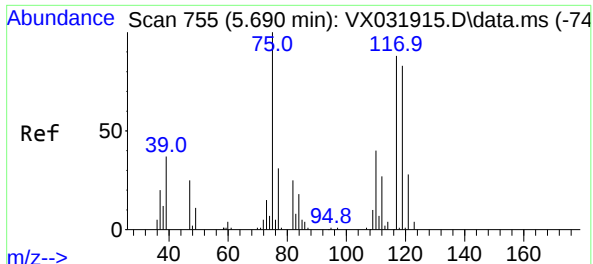
Tgt Ion:114 Resp: 132598
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.689 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion:113 Resp: 71578
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.870 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032100.D

Acq: 13 Oct 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBL01

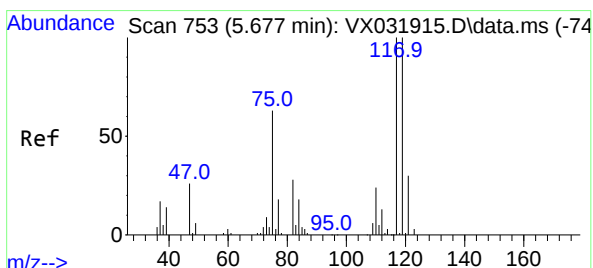
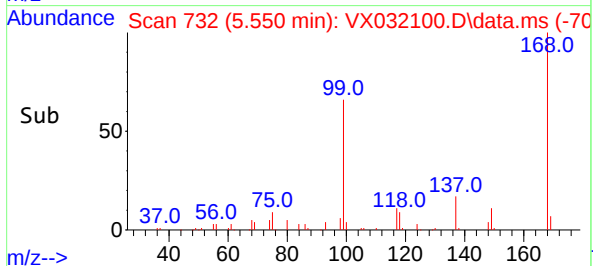
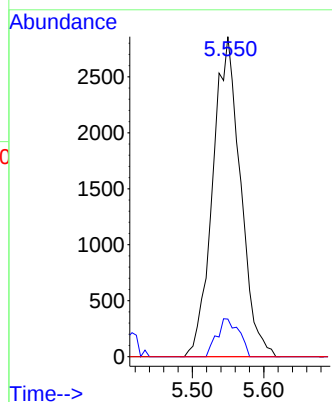
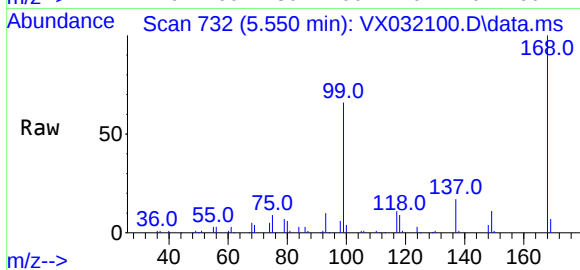
Tgt Ion: 75 Resp: 7702

Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.914 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX032100.D

Acq: 13 Oct 2022 10:51

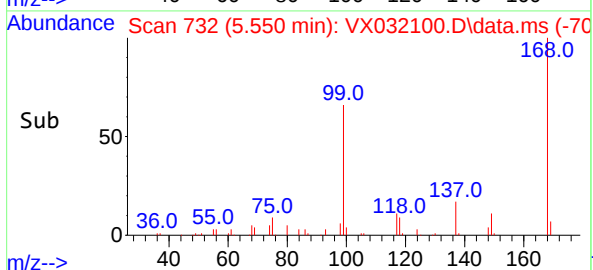
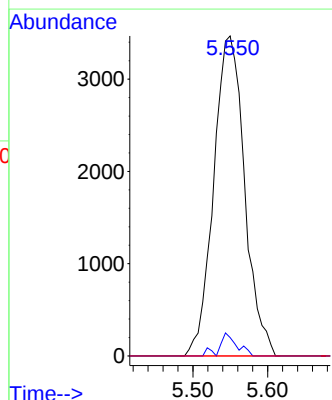
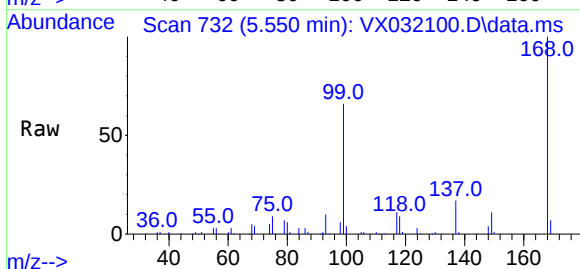
Tgt Ion: 117 Resp: 10000

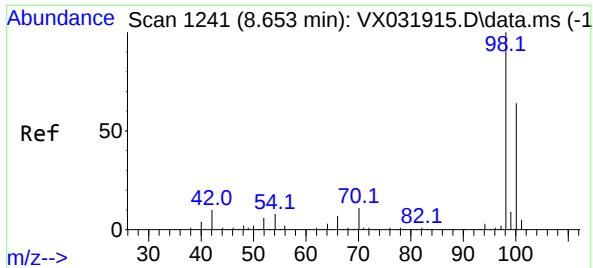
Ion Ratio Lower Upper

117 100

119 5.8 74.6 112.0#

121 0.0 25.3 37.9#

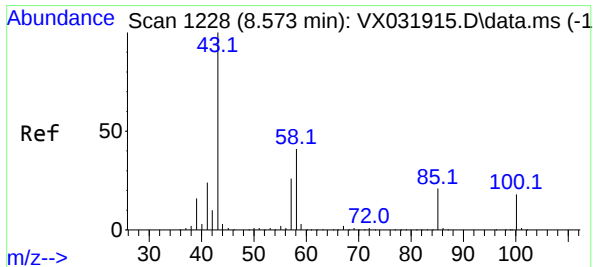
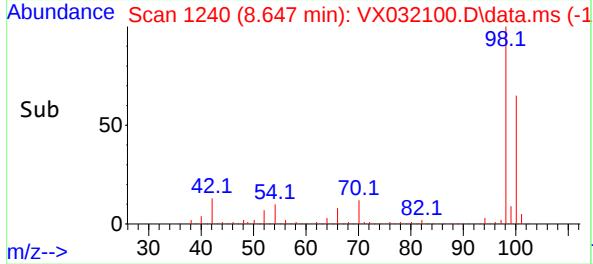
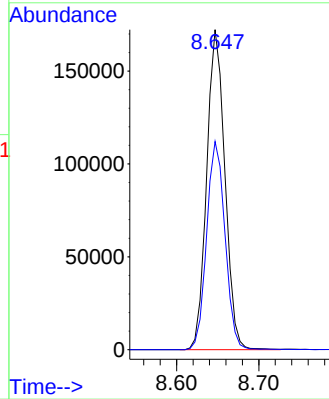
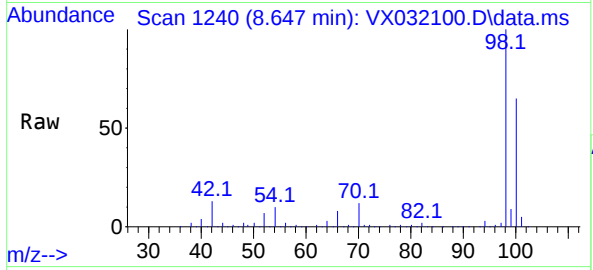




#50
Toluene-d8
Concen: 49.084 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

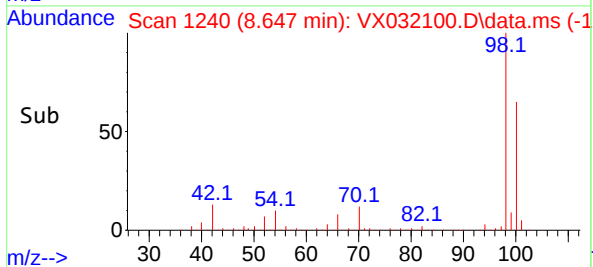
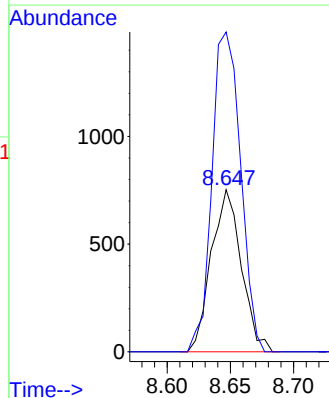
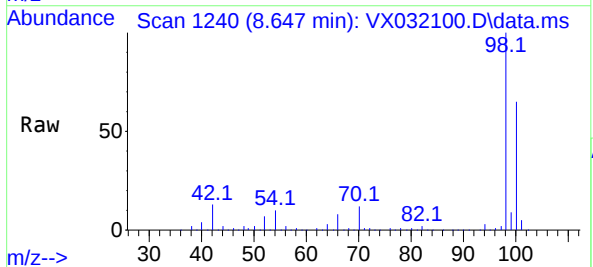
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

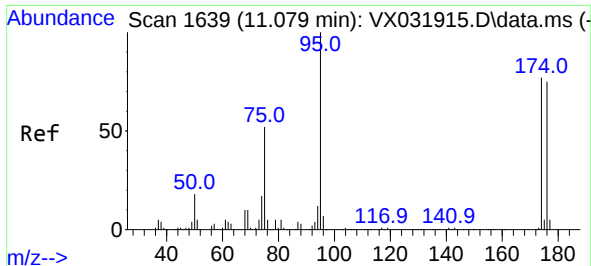
Tgt Ion: 98 Resp: 265097
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 188.0 30.6 46.0#

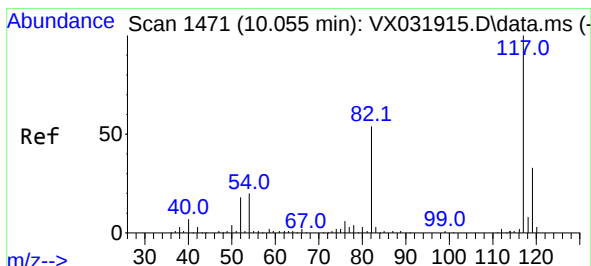
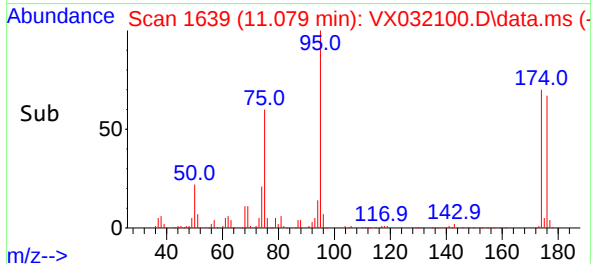
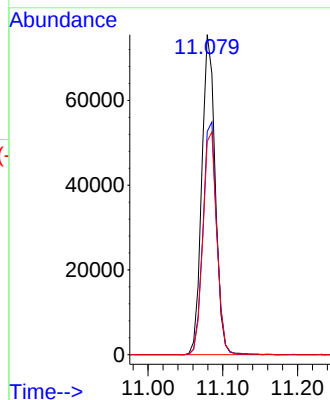
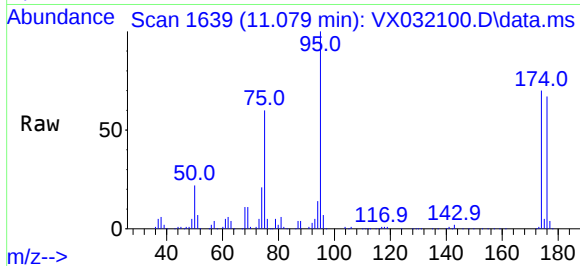




#62
4-Bromofluorobenzene
Concen: 49.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

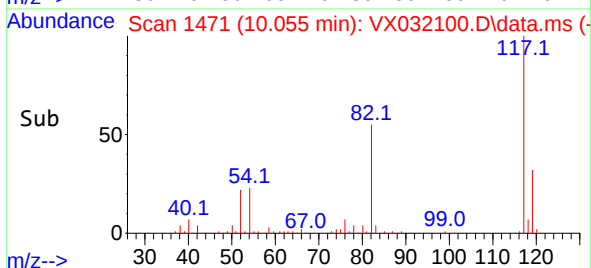
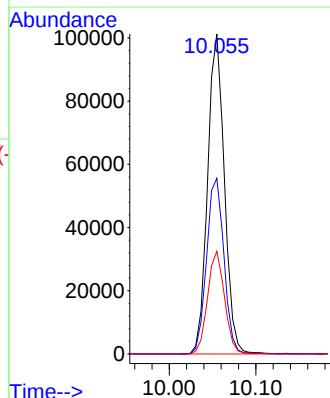
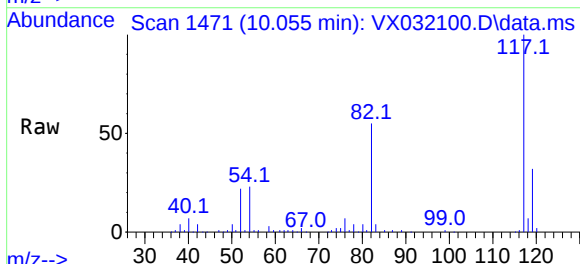
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

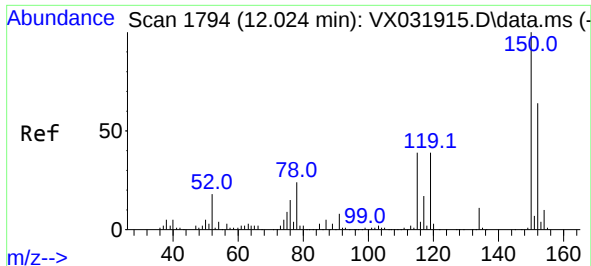
Tgt Ion: 95 Resp: 94170
Ion Ratio Lower Upper
95 100
174 74.5 0.0 153.2
176 72.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 117 Resp: 136360
Ion Ratio Lower Upper
117 100
82 54.9 46.8 70.2
119 32.1 26.4 39.6

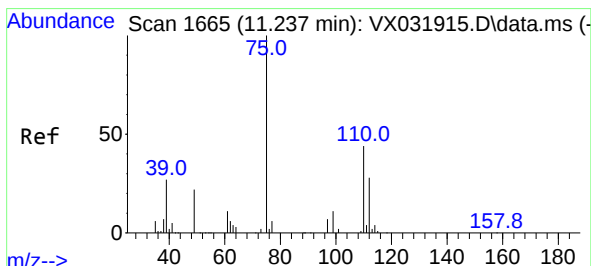
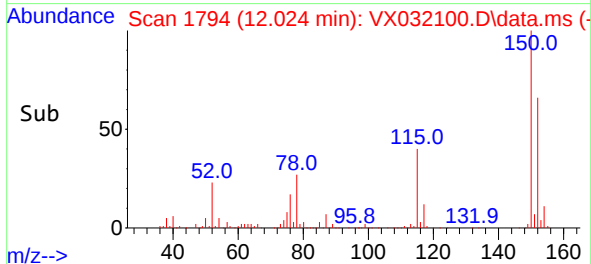
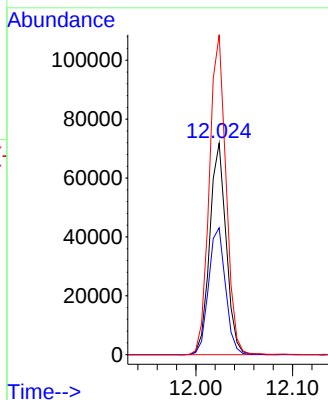
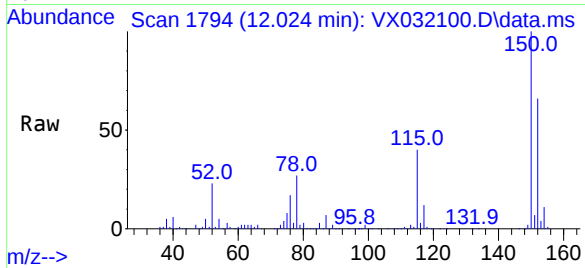




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

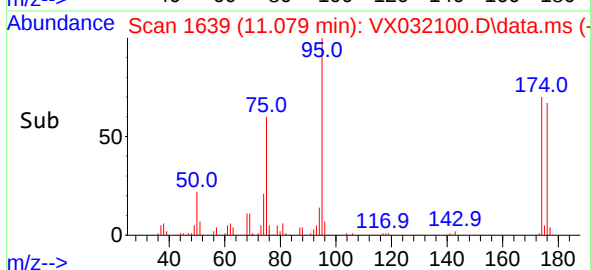
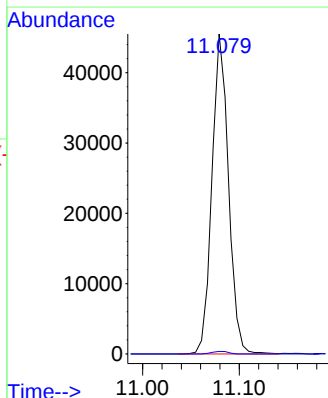
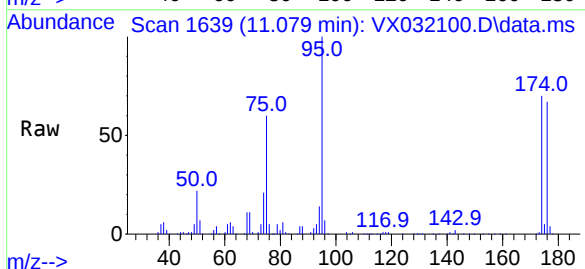
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

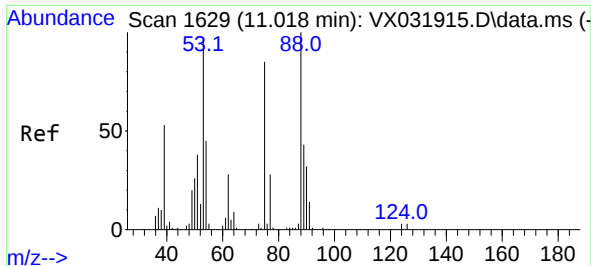
Tgt Ion:152 Resp: 85053
Ion Ratio Lower Upper
152 100
115 61.7 43.4 130.1
150 153.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 30.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion: 75 Resp: 54005
Ion Ratio Lower Upper
75 100
77 0.8 20.3 60.9#

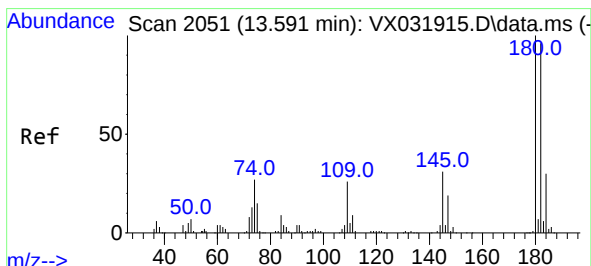
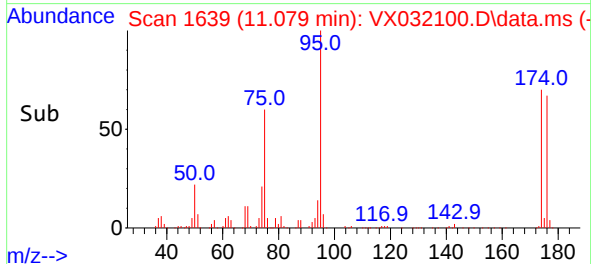
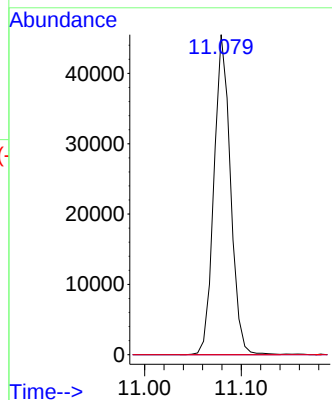
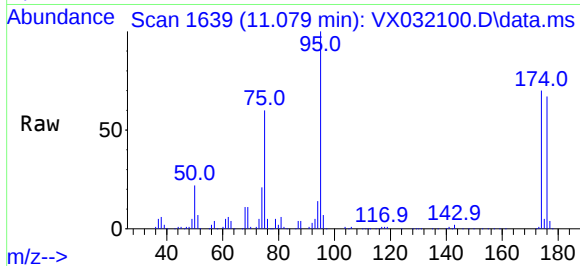




#81
trans-1,4-Dichloro-2-butene
Concen: 105.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

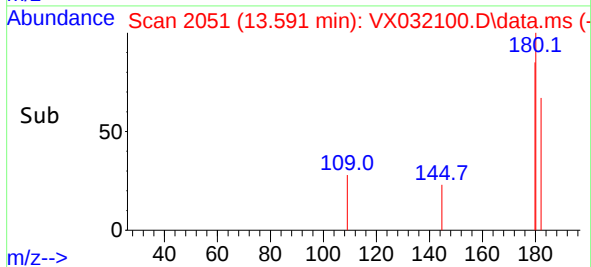
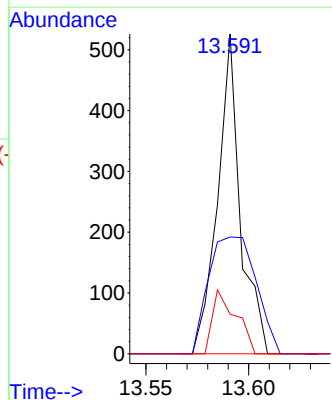
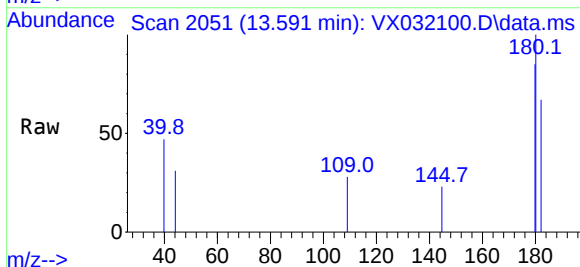
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

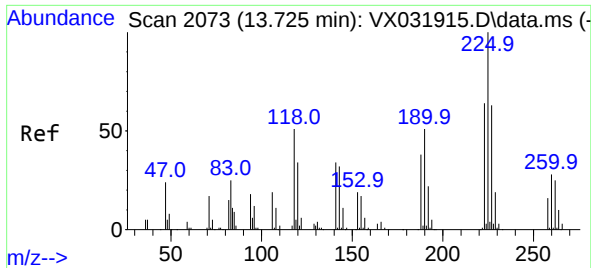
Tgt Ion: 75 Resp: 54005
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.222 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032100.D
Acq: 13 Oct 2022 10:51

Tgt Ion:180 Resp: 403
Ion Ratio Lower Upper
180 100
182 76.9 46.9 140.6
145 20.8 16.7 50.1





#94

Hexachlorobutadiene

Concen: 0.434 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX032100.D

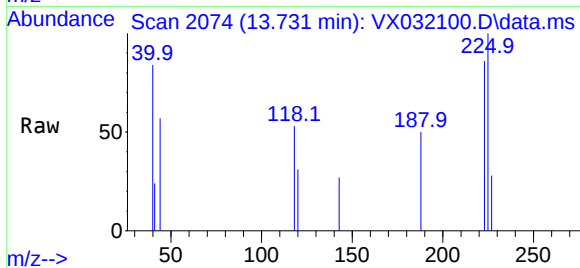
Acq: 13 Oct 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBL01



Tgt Ion:225 Resp: 319

Ion Ratio Lower Upper

225 100

223 86.2 30.8 92.4

227 47.0 32.3 96.9

