

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021872.D
 Acq On : 07 May 2021 13:53
 Operator : JC/MD
 Sample : VX0507WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBL01

Quant Time: May 08 06:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

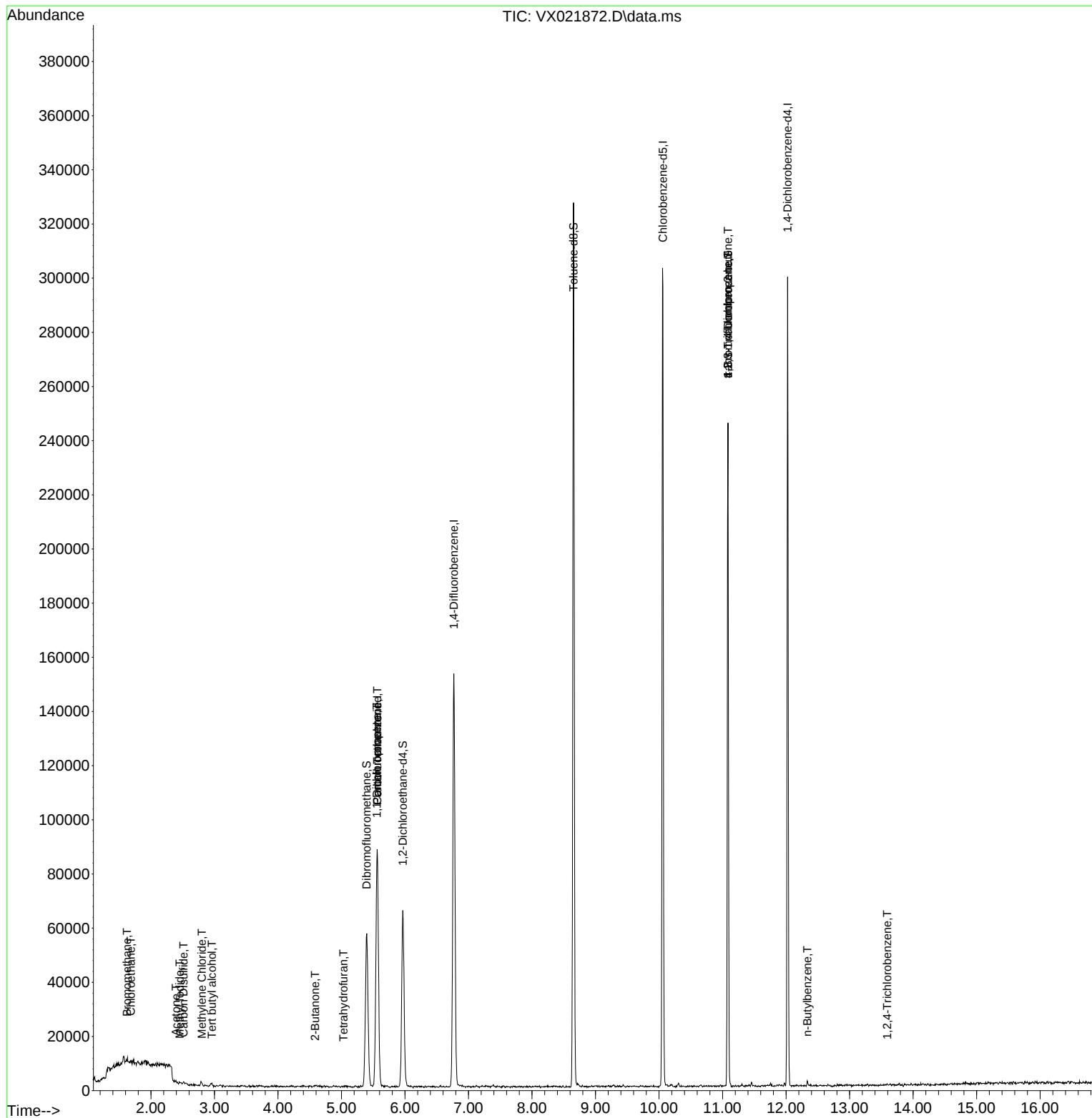
Internal Standards						
1) Pentafluorobenzene	5.562	168	77907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	155809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	137334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58869	45.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.82%		
35) Dibromofluoromethane	5.397	113	48857	45.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.52%		
50) Toluene-d8	8.653	98	188643	46.30	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.60%		
62) 4-Bromofluorobenzene	11.085	95	67464	41.95	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.90%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	431	0.83	ug/l #	58
6) Chloroethane	1.685	64	254	0.34	ug/l #	86
10) Methyl Iodide	2.453	142	797	0.67	ug/l #	81
11) Tert butyl alcohol	2.959	59	518	1.51	ug/l #	56
13) Acrolein	2.252	56	397	Below Cal		93
16) Acetone	2.392	43	476	0.83	ug/l #	77
17) Carbon Disulfide	2.514	76	1045	0.36	ug/l #	92
20) Methylene Chloride	2.800	84	684	0.72	ug/l #	70
25) 2-Butanone	4.586	43	218	0.22	ug/l #	45
29) Tetrahydrofuran	5.031	42	274	0.47	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	6982	4.23	ug/l #	50
38) Carbon Tetrachloride	5.562	117	8447	5.11	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	33146	21.45	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	33146	49.75	ug/l #	12
89) n-Butylbenzene	12.335	91	844	0.21	ug/l #	67
93) 1,2,4-Trichlorobenzene	13.591	180	286	0.24	ug/l	85

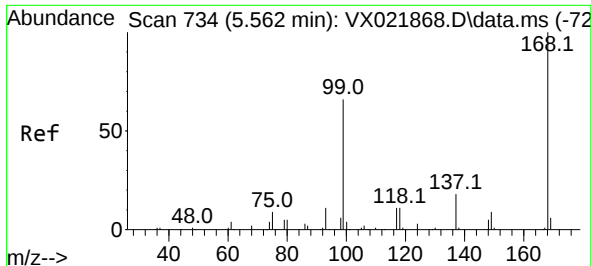
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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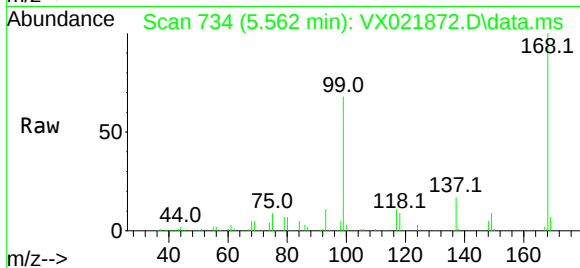
Quant Time: May 08 06:19:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
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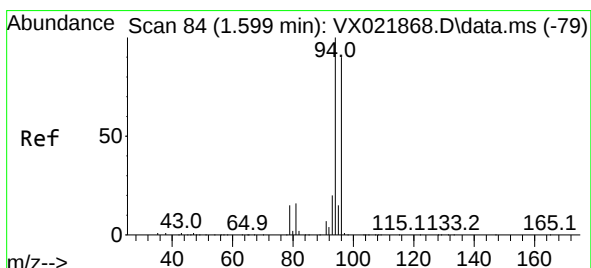
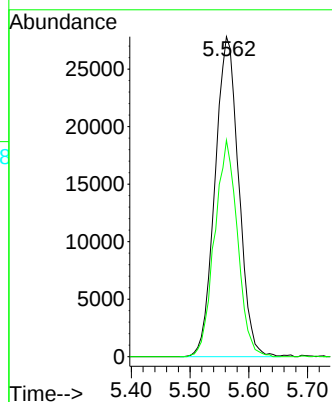
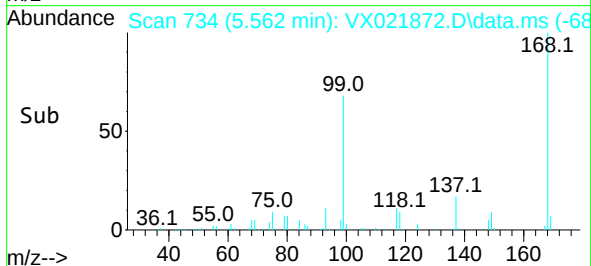


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

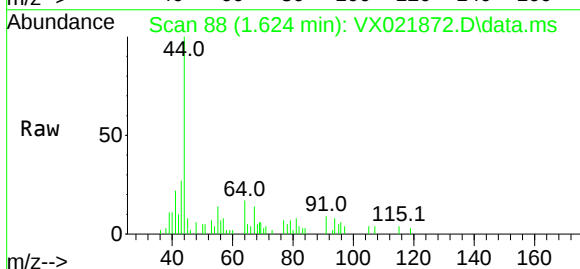
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01



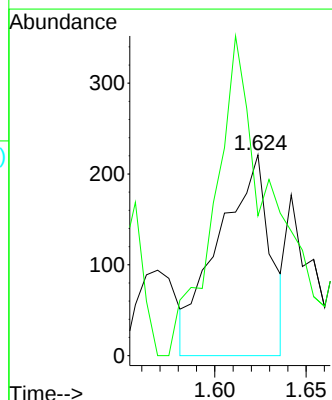
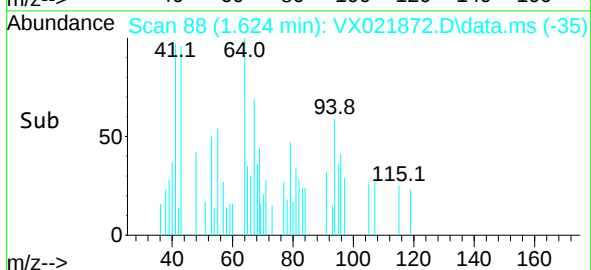
Tgt Ion:168 Resp: 77907
Ion Ratio Lower Upper
168 100
99 67.7 45.8 68.6

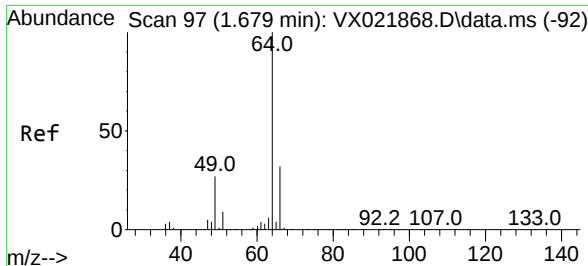


#5
Bromomethane
Concen: 0.83 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53



Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 54.7 76.4 114.6#

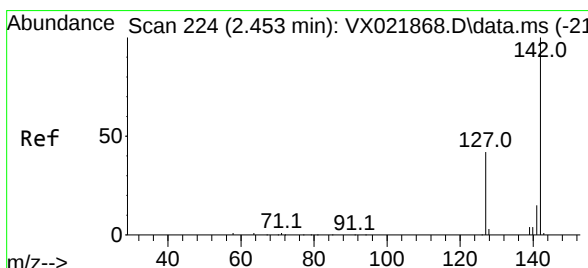
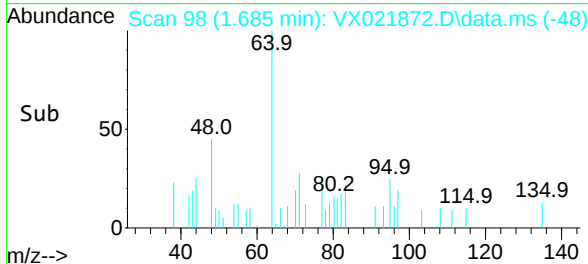
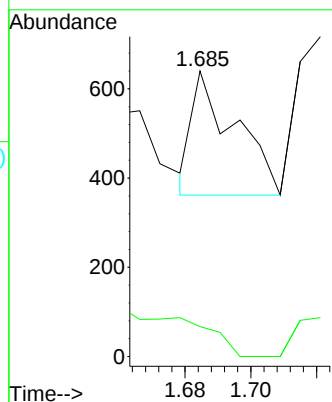
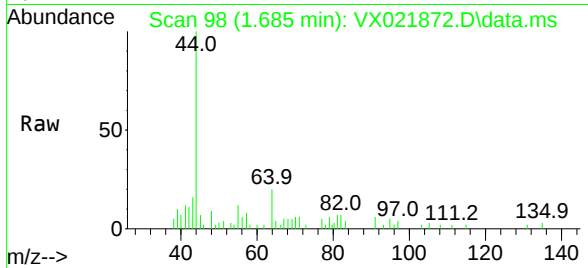




#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

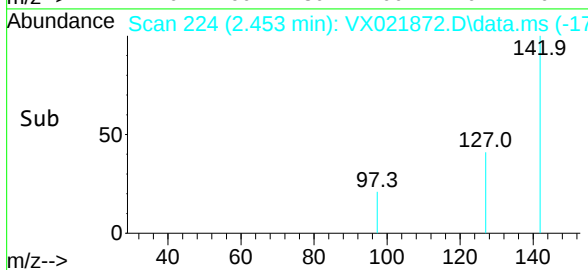
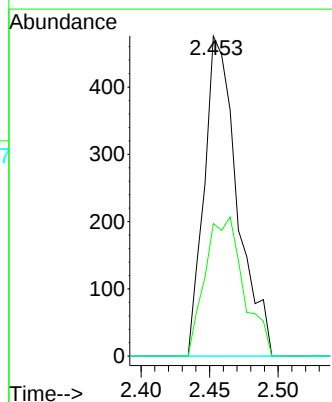
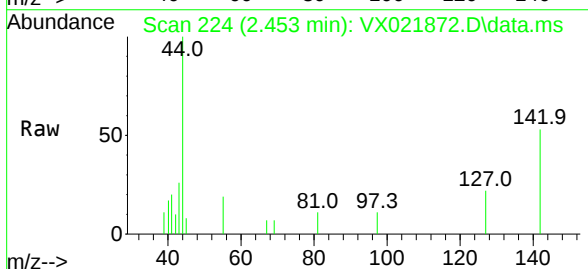
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

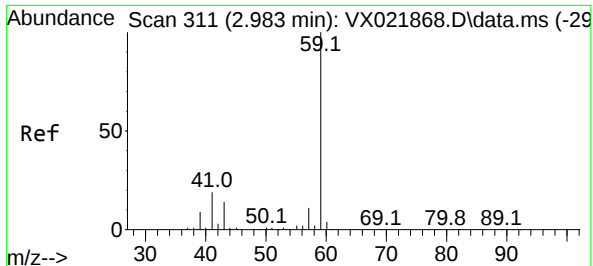
Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 24.1 25.4 38.0#



#10
Methyl Iodide
Concen: 0.67 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 142 Resp: 797
Ion Ratio Lower Upper
142 100
127 50.3 33.3 49.9#
141 0.0 11.4 17.0#



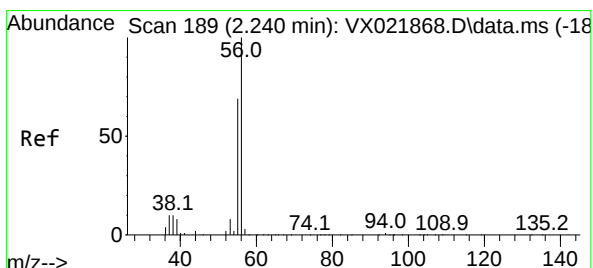
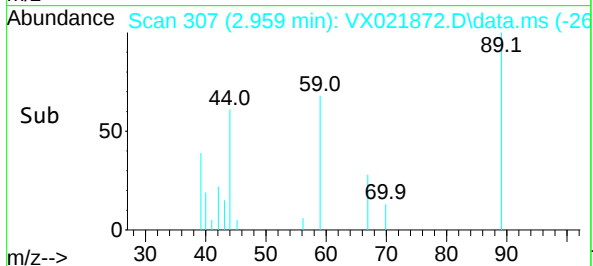
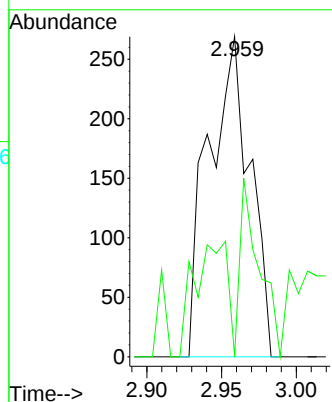
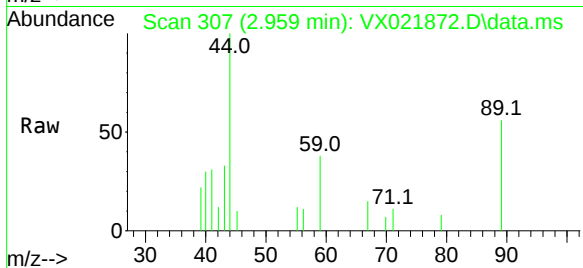


#11

Tert butyl alcohol
Concen: 1.51 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

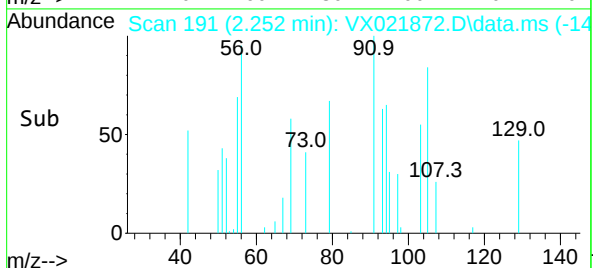
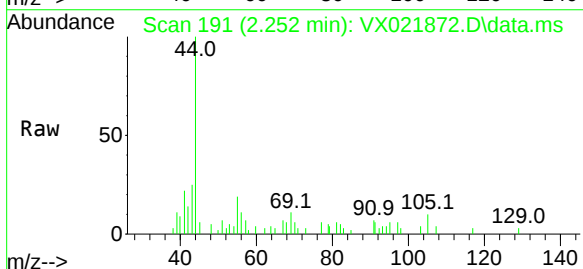
Tgt Ion: 59 Resp: 518
Ion Ratio Lower Upper
59 100
57 25.9 7.8 11.8#

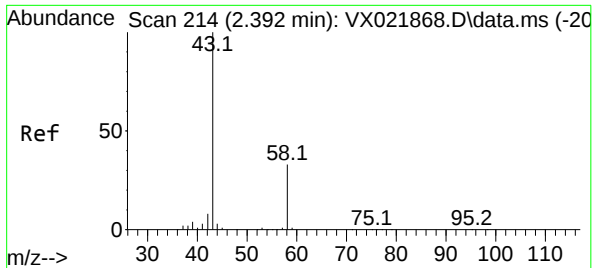


#13

Acrolein
Concen: Below Cal
RT: 2.252 min Scan# 191
Delta R.T. 0.011 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 56 Resp: 397
Ion Ratio Lower Upper
56 100
55 76.6 56.4 84.6

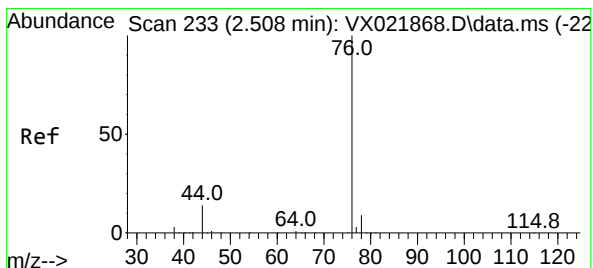
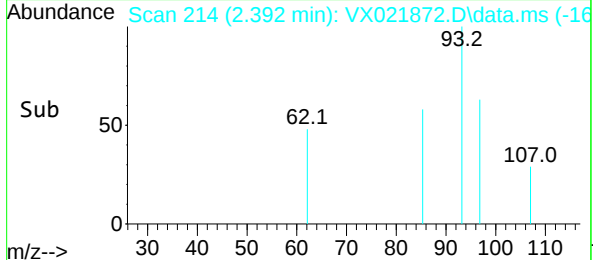
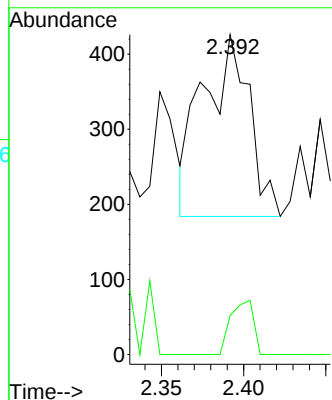
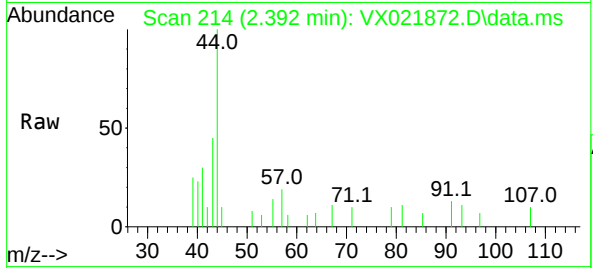




#16
Acetone
Concen: 0.83 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

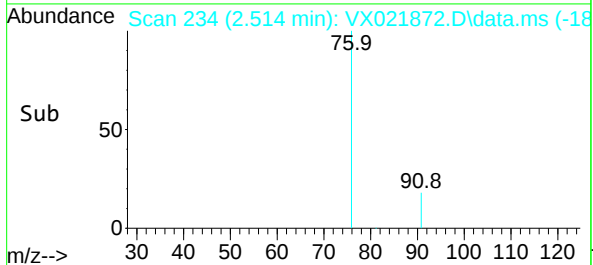
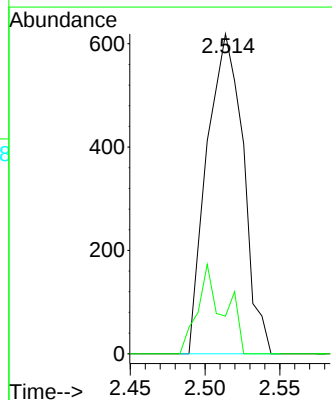
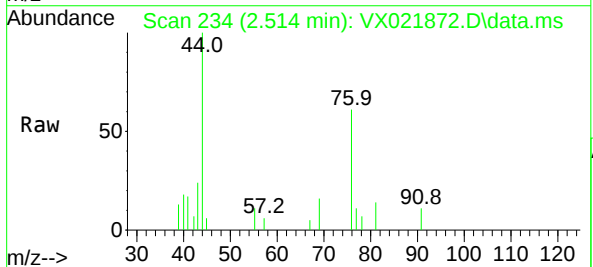
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

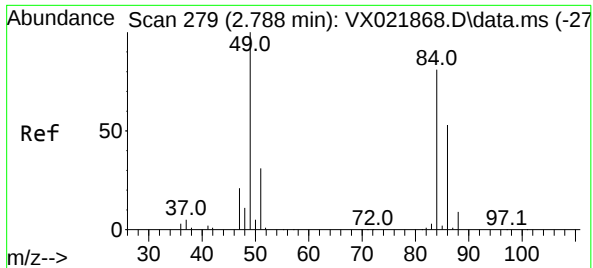
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 21.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.36 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 76 Resp: 1045
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#



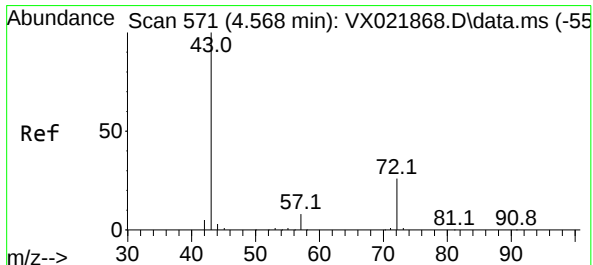
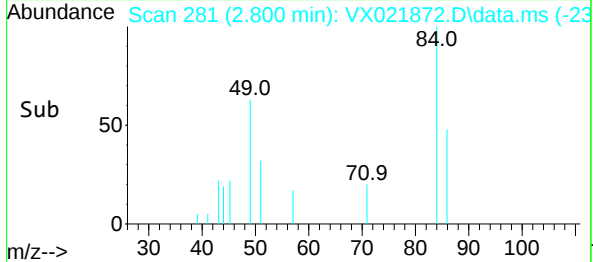
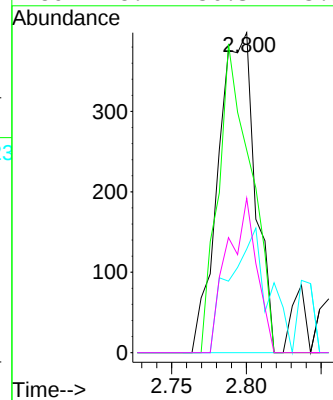
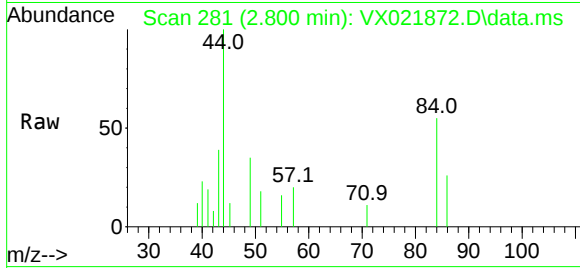


#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

Tgt Ion: 84 Resp: 684

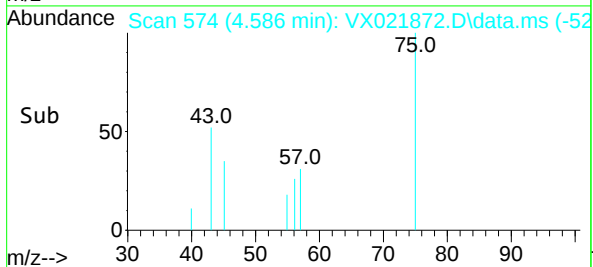
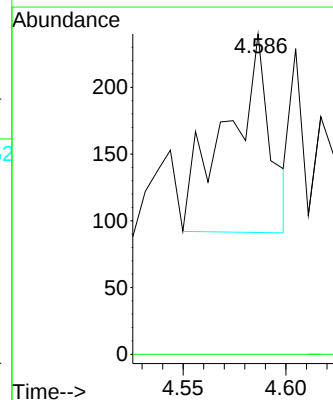
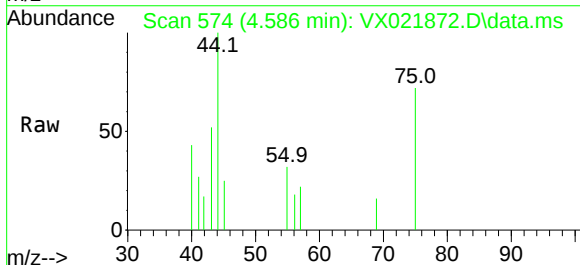
Ion	Ratio	Lower	Upper
84	100		
49	63.3	88.6	132.8#
51	32.4	27.0	40.6
86	48.2	50.3	75.5#

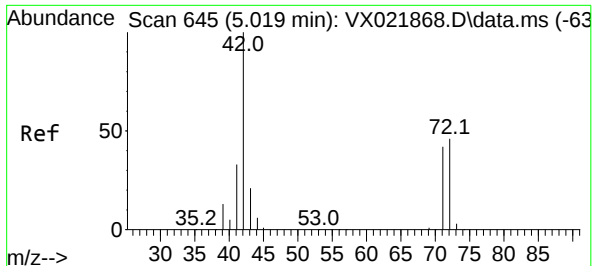


#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 43 Resp: 218

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.47 ug/l

RT: 5.031 min Scan# 647

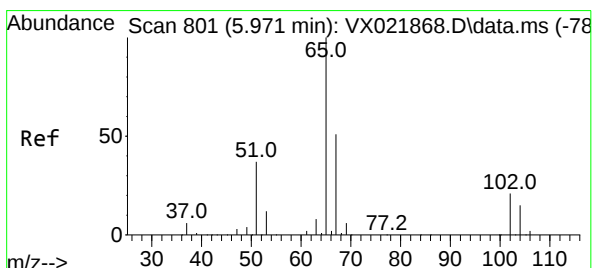
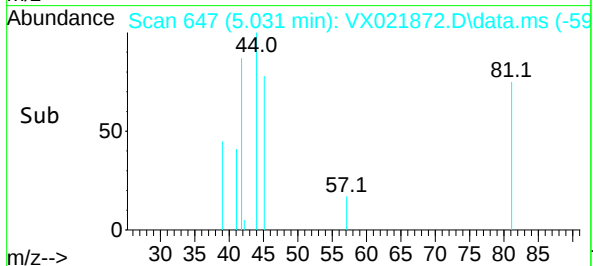
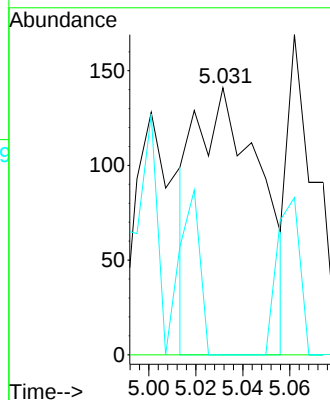
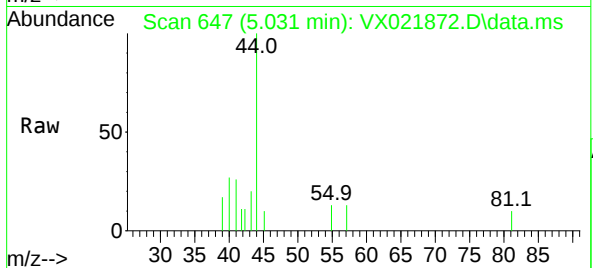
Delta R.T. 0.012 min

Lab File: VX021872.D

Acq: 07 May 2021 13:53

Tgt Ion:	42	Resp:	274
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

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#33

1,2-Dichloroethane-d4

Concen: 45.91 ug/l

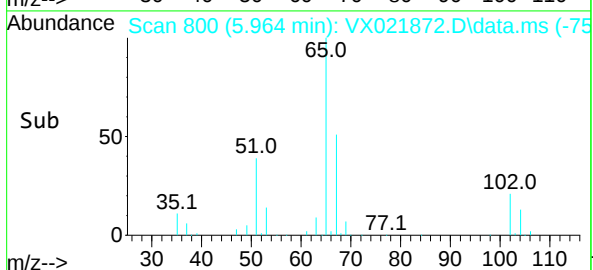
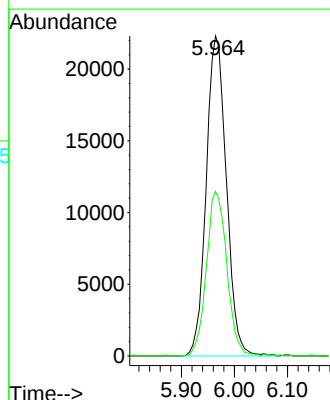
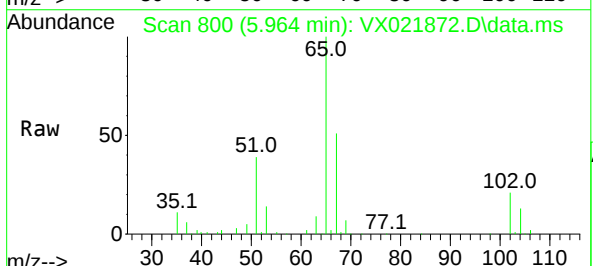
RT: 5.964 min Scan# 800

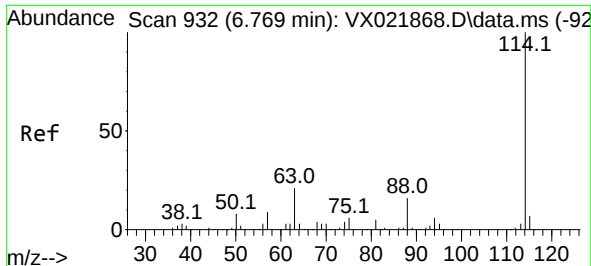
Delta R.T. -0.007 min

Lab File: VX021872.D

Acq: 07 May 2021 13:53

Tgt Ion:	65	Resp:	58869
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4

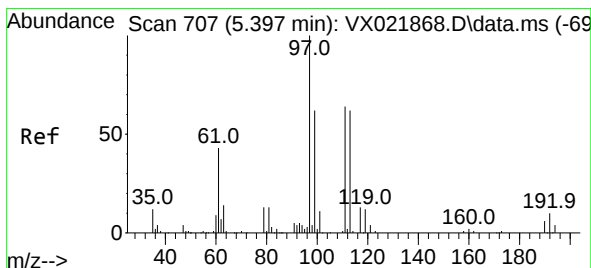
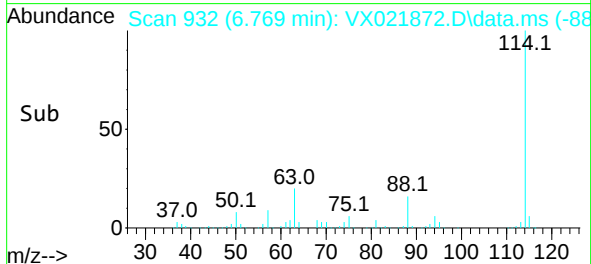
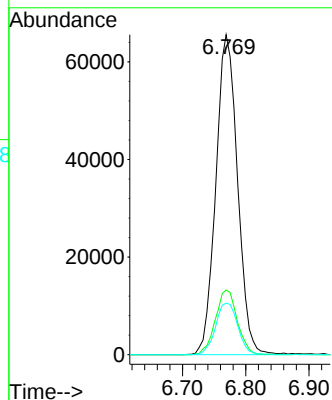
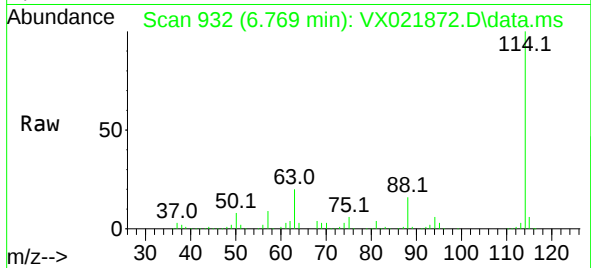




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

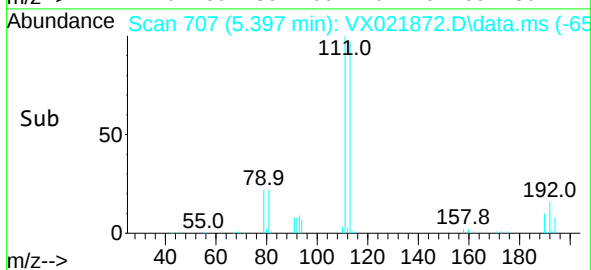
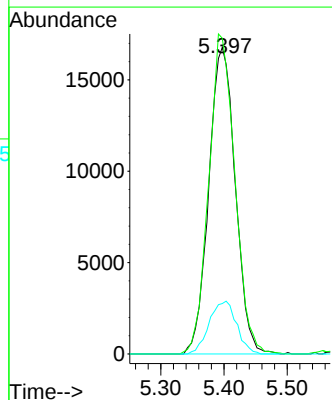
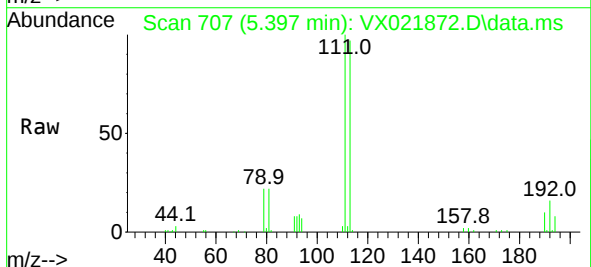
Instrument :
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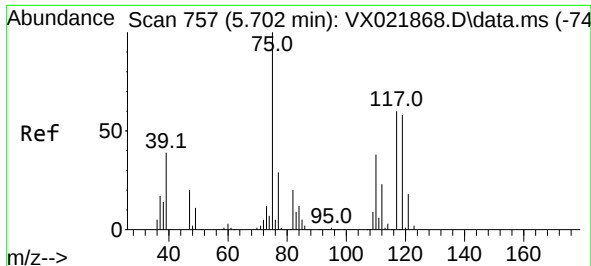
Tgt Ion:114 Resp: 155809
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.76 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion:113 Resp: 48857
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 17.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.23 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX021872.D

Acq: 07 May 2021 13:53

Tgt Ion: 75 Resp: 6982

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

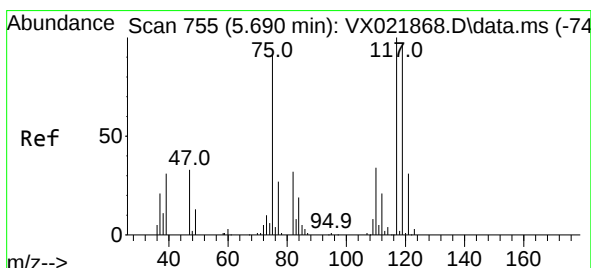
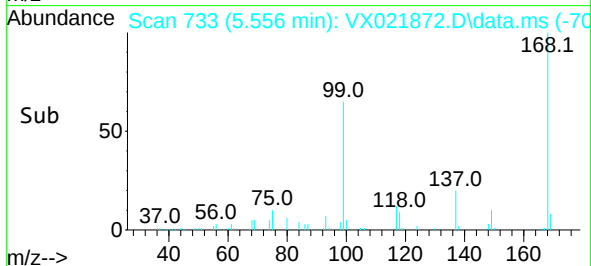
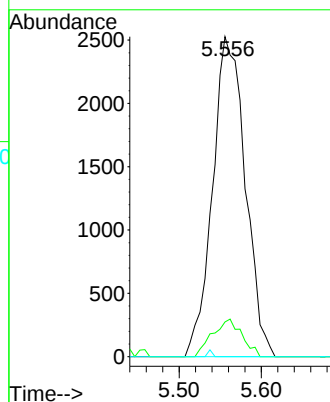
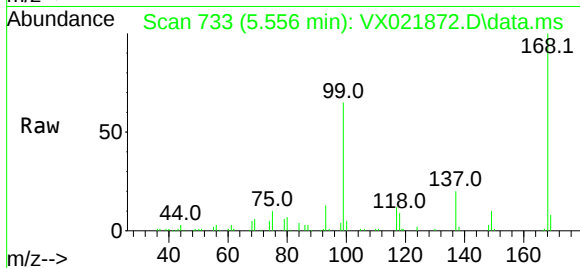
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBL01



#38

Carbon Tetrachloride

Concen: 5.11 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX021872.D

Acq: 07 May 2021 13:53

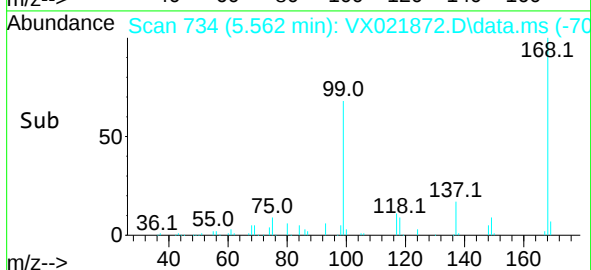
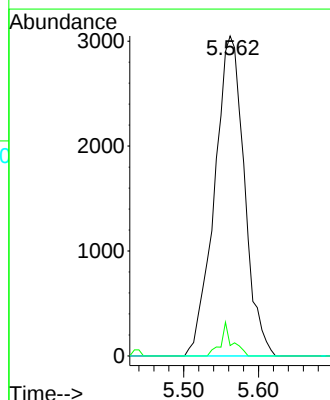
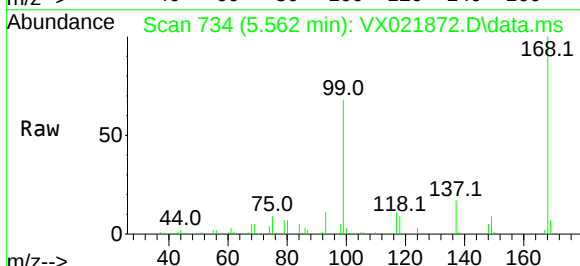
Tgt Ion: 117 Resp: 8447

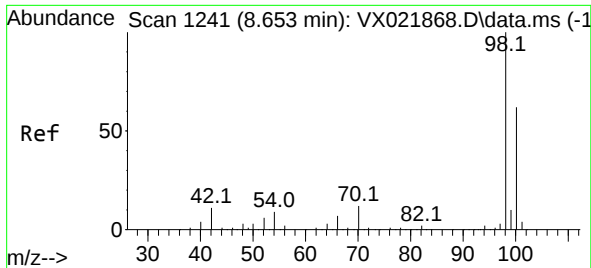
Ion Ratio Lower Upper

117 100

119 3.2 76.2 114.2#

121 0.0 24.8 37.2#

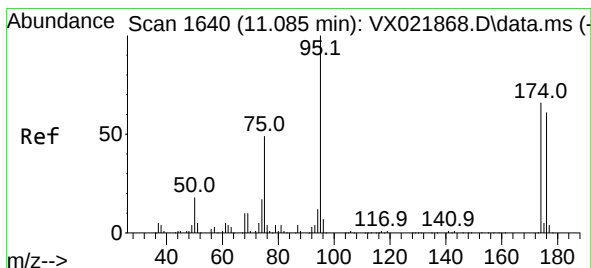
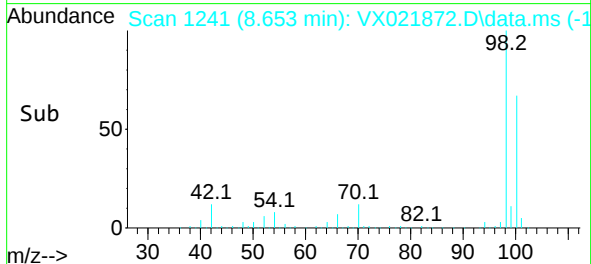
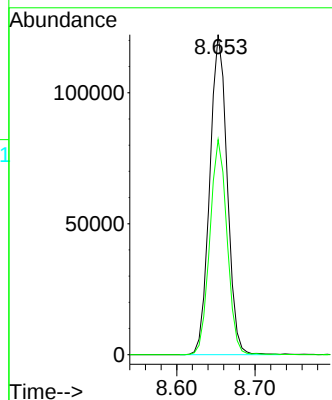
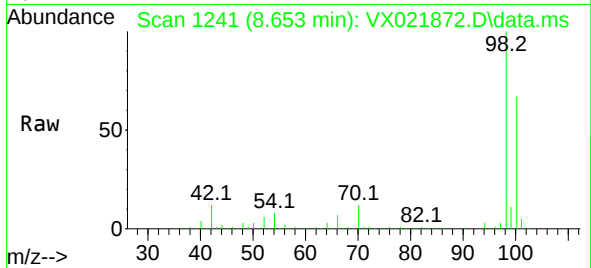




#50
Toluene-d8
Concen: 46.30 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

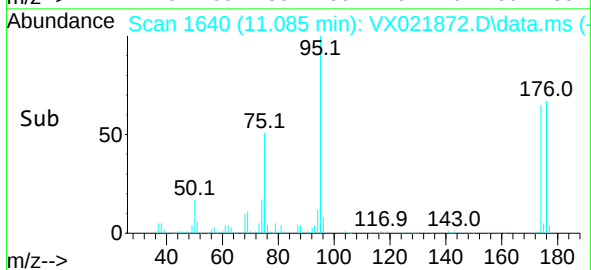
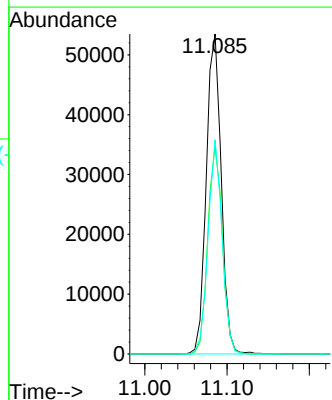
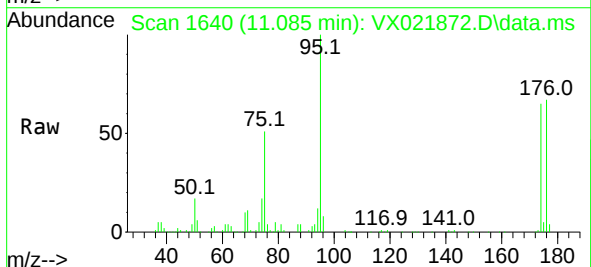
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

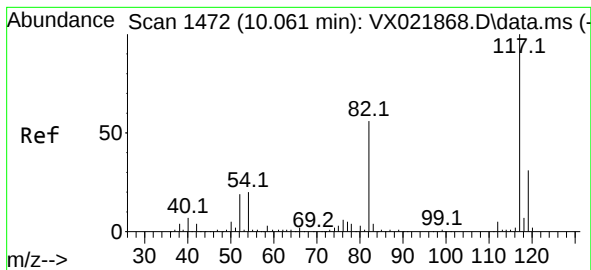
Tgt Ion: 98 Resp: 188643
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 95 Resp: 67464
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 62.9 0.0 155.8

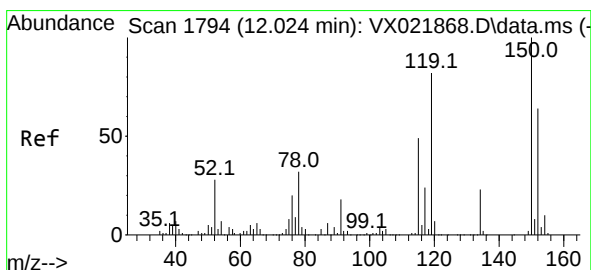
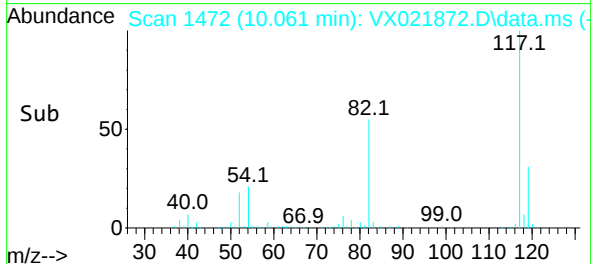
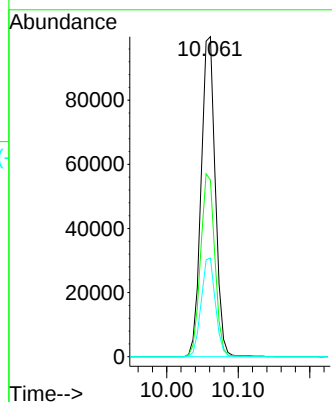
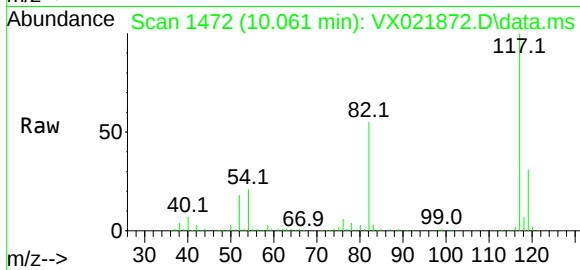




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

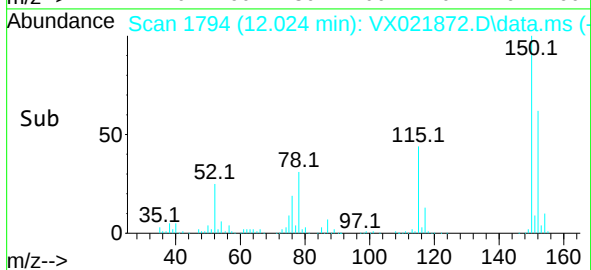
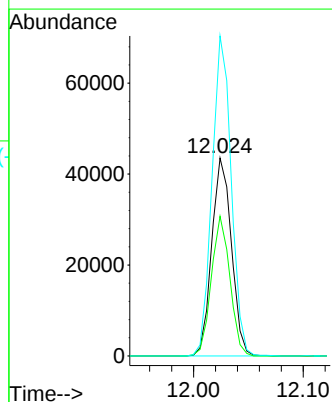
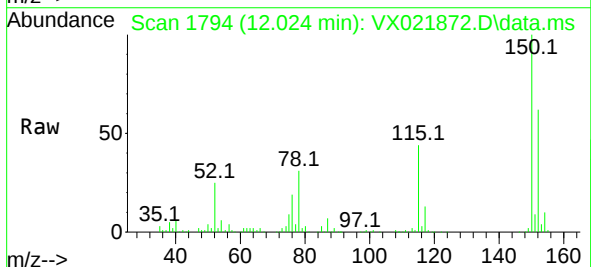
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

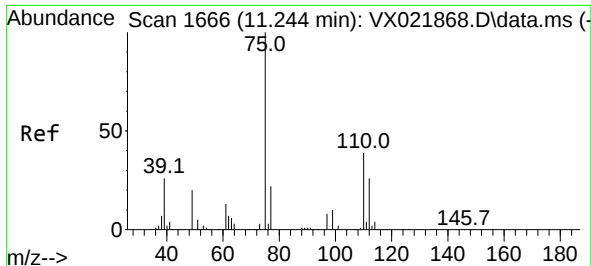
Tgt Ion:117 Resp: 137334
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion:152 Resp: 54355
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 157.6 0.0 349.0

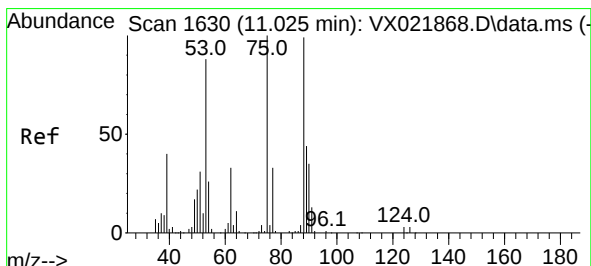
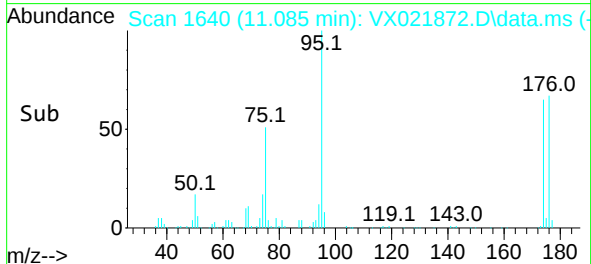
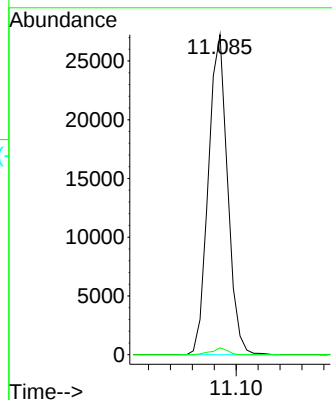
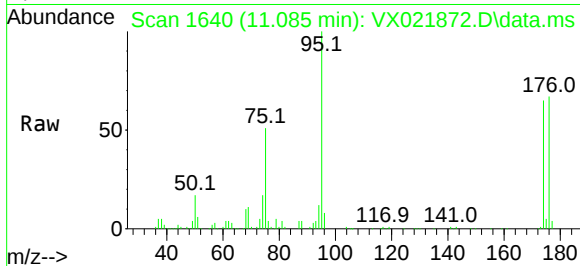




#76
1,2,3-Trichloropropane
Concen: 21.45 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

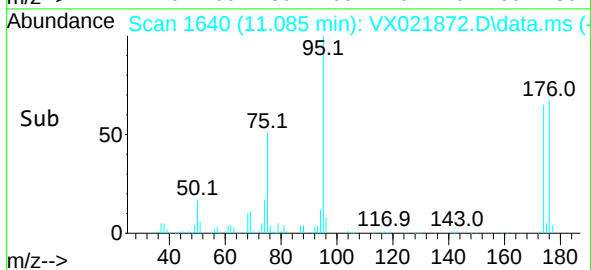
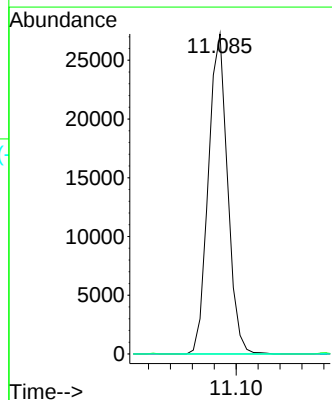
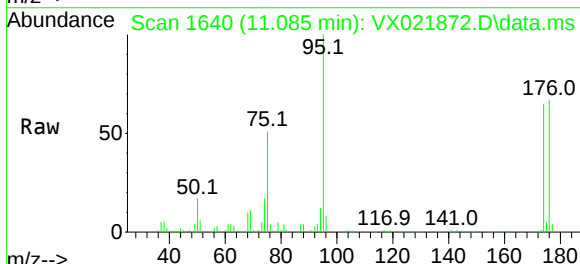
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

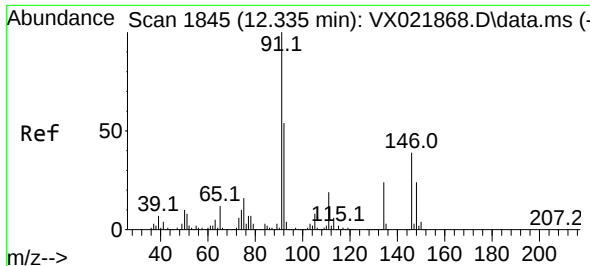
Tgt Ion: 75 Resp: 33146
Ion Ratio Lower Upper
75 100
77 1.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 75 Resp: 33146
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

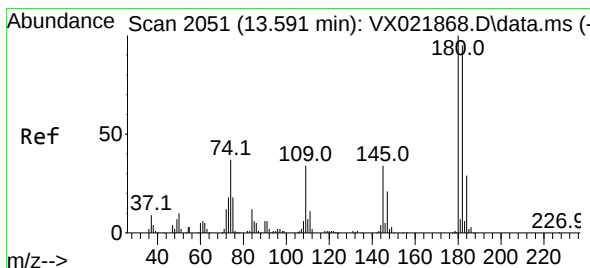
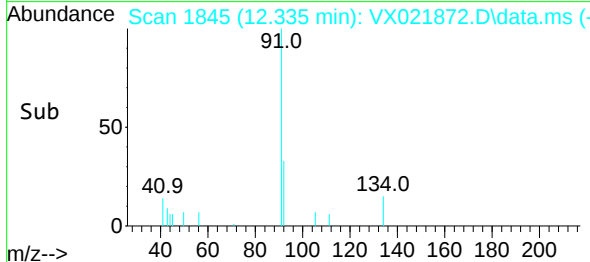
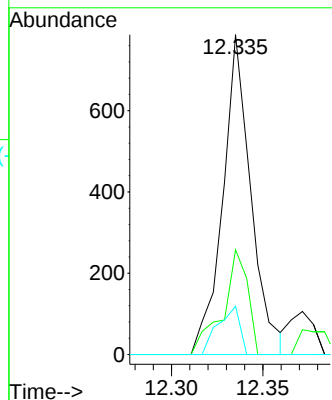
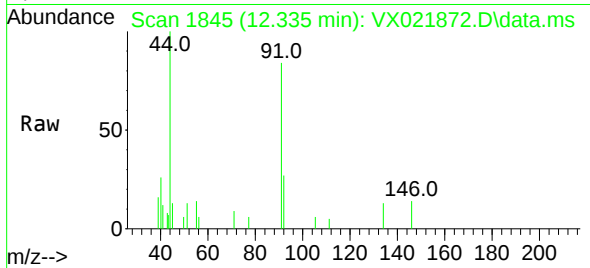




#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

Tgt Ion: 91	Resp:	844
Ion	Ratio	Lower Upper
91	100	
92	28.9	27.4 82.0
134	11.7	13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.24 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX021872.D
Acq: 07 May 2021 13:53

Tgt Ion: 180	Resp:	286
Ion	Ratio	Lower Upper
180	100	
182	77.6	47.7 143.1
145	31.8	15.0 45.0

