

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022142.D
 Acq On : 24 May 2021 12:59
 Operator : JC/MD
 Sample : VX0524MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

Quant Time: May 24 15:50:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

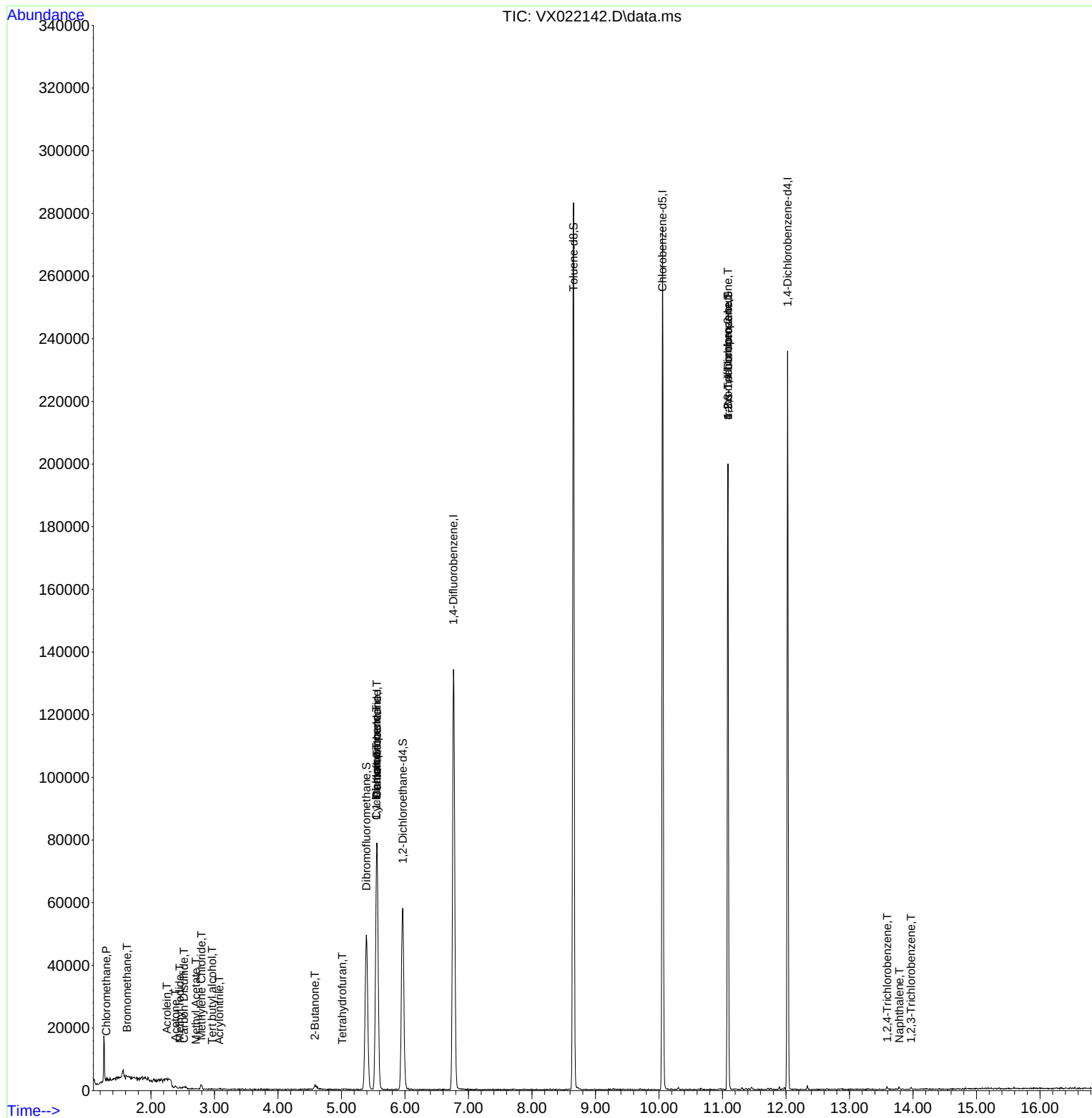
Internal Standards						
1) Pentafluorobenzene	5.556	168	68397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53830	51.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.04%			
35) Dibromofluoromethane	5.391	113	42932	48.71	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.42%			
50) Toluene-d8	8.653	98	168202	49.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.10%			
62) 4-Bromofluorobenzene	11.085	95	55262	44.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.08%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	349	0.39	ug/l	93
5) Bromomethane	1.624	94	520	0.94	ug/l #	60
10) Methyl Iodide	2.453	142	507	0.58	ug/l #	78
11) Tert butyl alcohol	2.965	59	70	0.29	ug/l #	53
13) Acrolein	2.252	56	300	1.87	ug/l #	42
15) Acrylonitrile	3.075	53	178	0.37	ug/l #	27
16) Acetone	2.386	43	784	1.71	ug/l #	85
17) Carbon Disulfide	2.520	76	832	0.41	ug/l #	68
18) Methyl Acetate	2.709	43	335	0.27	ug/l #	47
20) Methylene Chloride	2.794	84	585	0.57	ug/l #	82
25) 2-Butanone	4.581	43	226	0.30	ug/l #	45
29) Tetrahydrofuran	5.013	42	112	0.25	ug/l #	53
31) Cyclohexane	5.550	56	1865	1.41	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	6438	5.01	ug/l #	45
38) Carbon Tetrachloride	5.556	117	7544	6.00	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	27915	25.80	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27915	61.13	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	285	0.32	ug/l	84
95) Naphthalene	13.786	128	772	0.23	ug/l #	76
96) 1,2,3-Trichlorobenzene	13.969	180	181	0.20	ug/l #	81

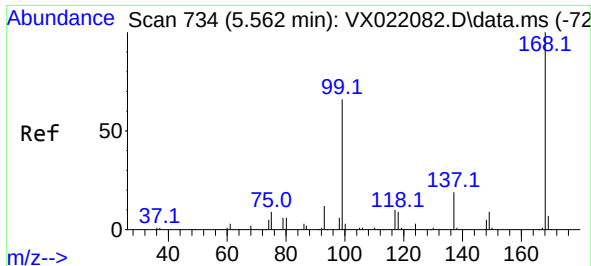
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

Quant Time: May 24 15:50:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

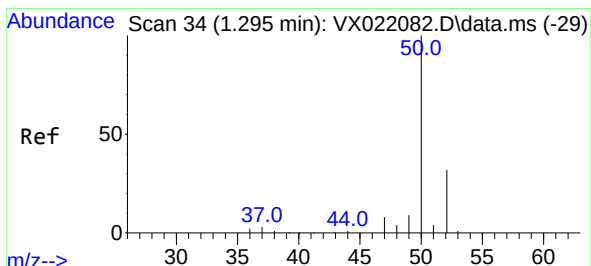
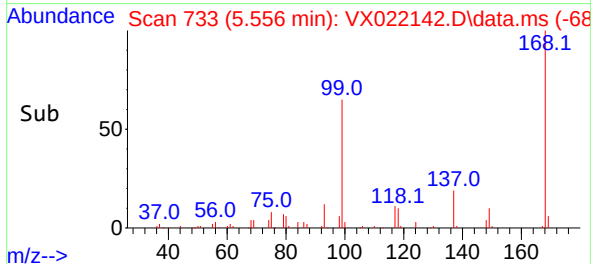
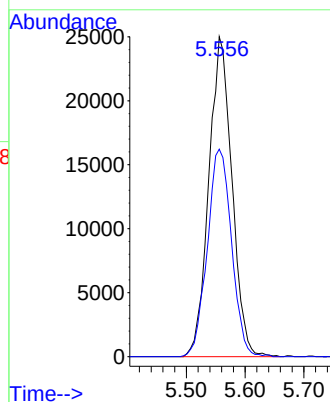
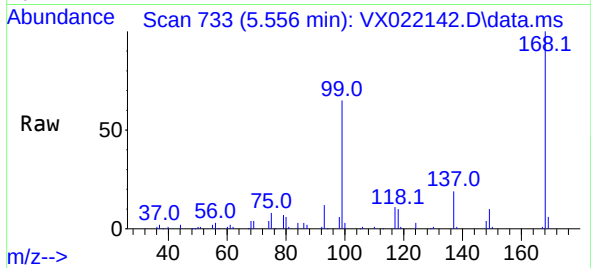




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

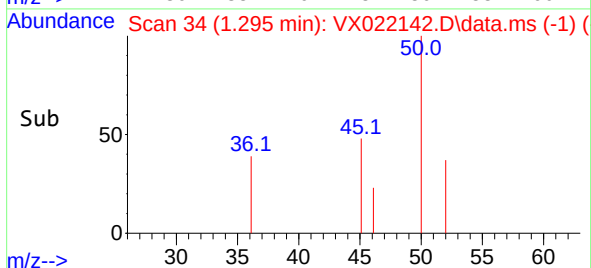
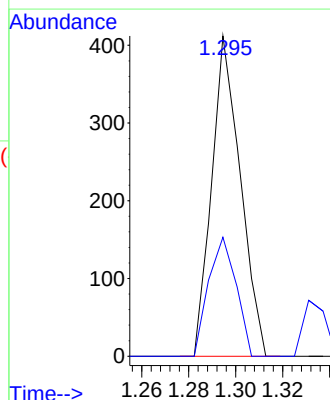
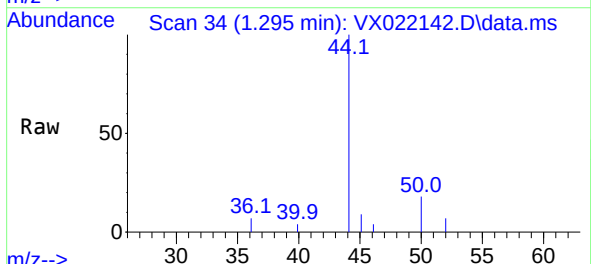
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

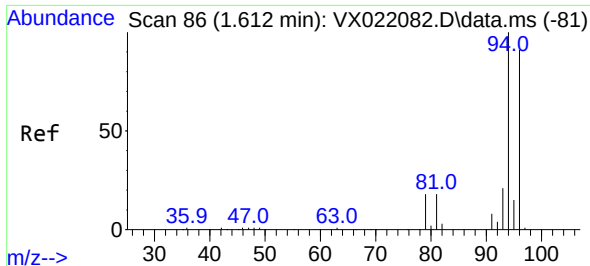
Tgt Ion:168 Resp: 68397
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#3
Chloromethane
Concen: 0.39 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 37.1 26.4 39.6

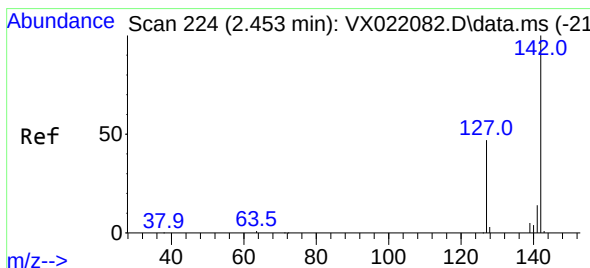
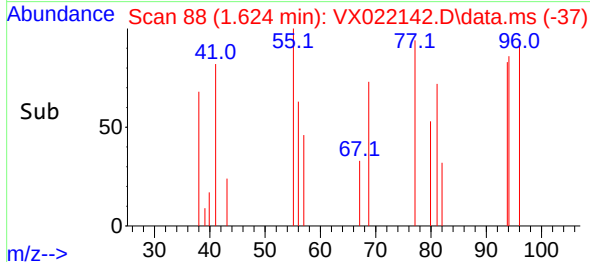
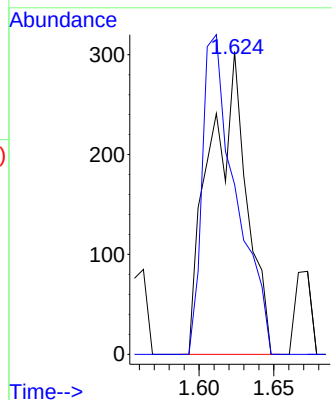
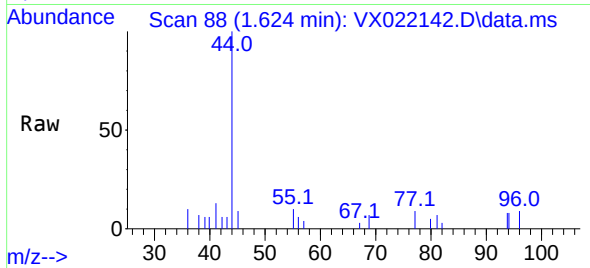




#5
Bromomethane
Concen: 0.94 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

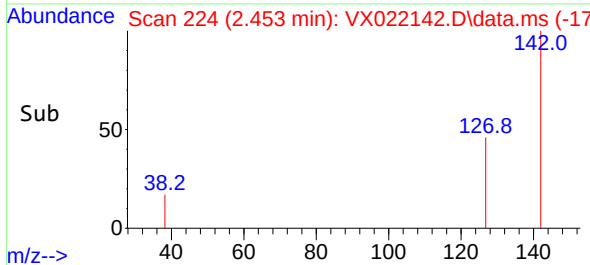
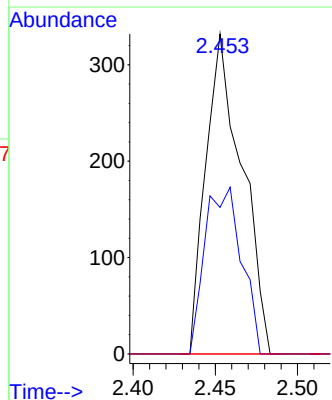
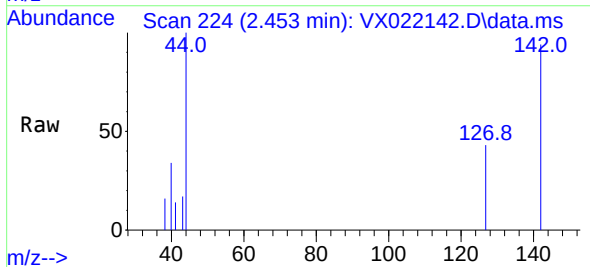
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

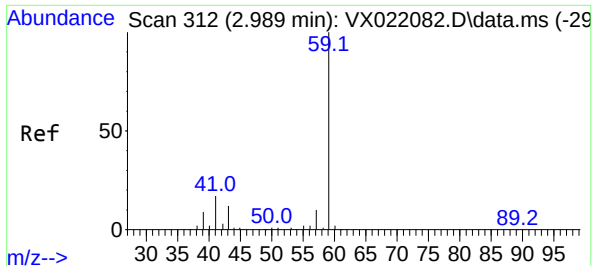
Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 56.1 76.4 114.6#



#10
Methyl Iodide
Concen: 0.58 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 142 Resp: 507
Ion Ratio Lower Upper
142 100
127 53.1 33.3 49.9#
141 0.0 11.4 17.0#



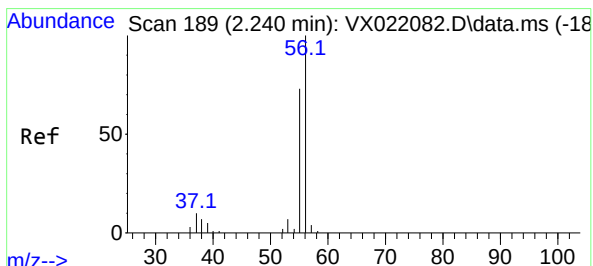
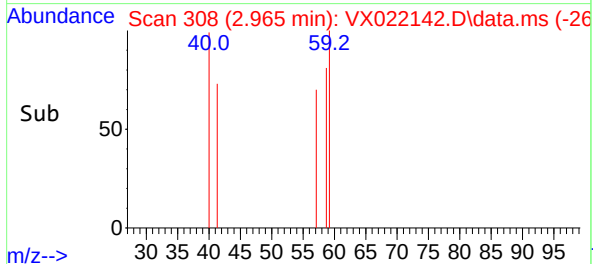
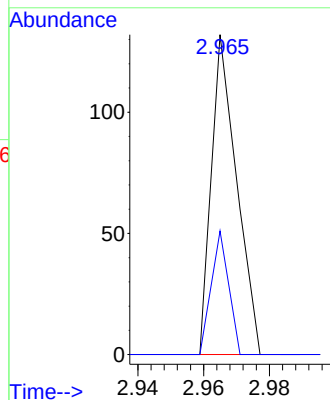
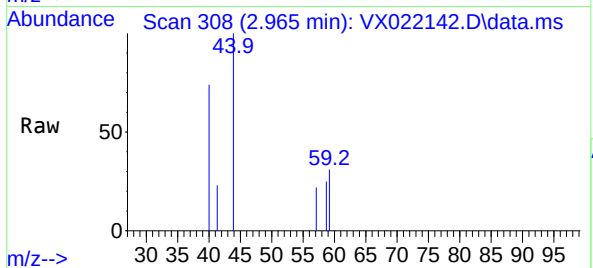


#11

Tert butyl alcohol
Concen: 0.29 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

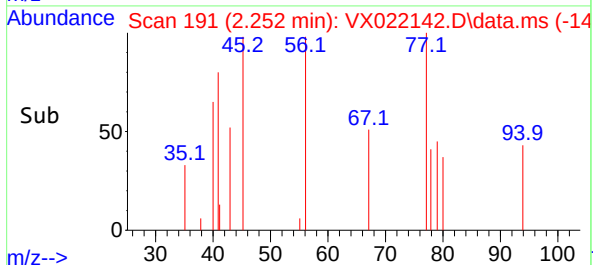
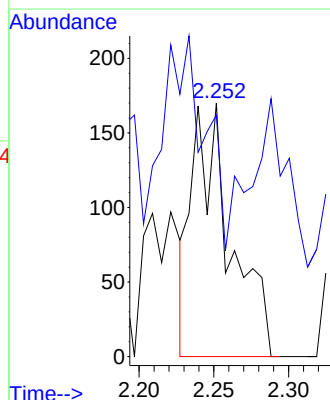
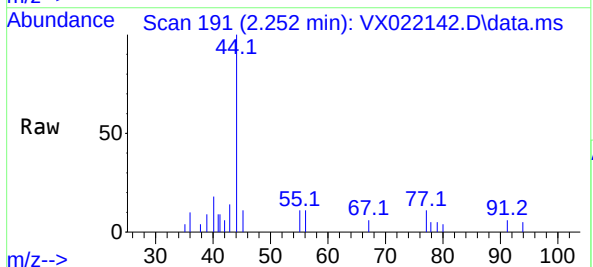
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 27.1 7.8 11.8#

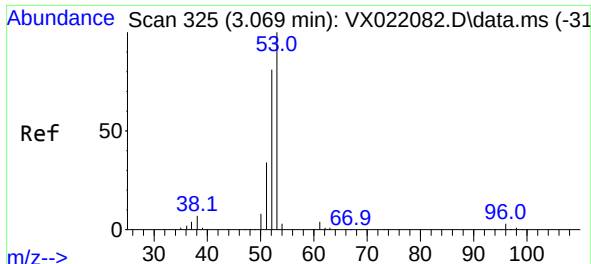


#13

Acrolein
Concen: 1.87 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 56 Resp: 300
Ion Ratio Lower Upper
56 100
55 118.3 56.4 84.6#

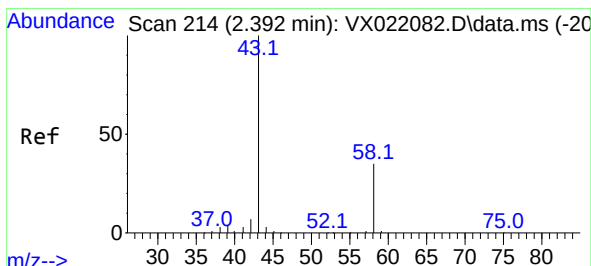
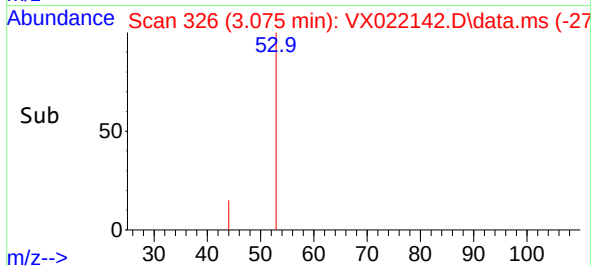
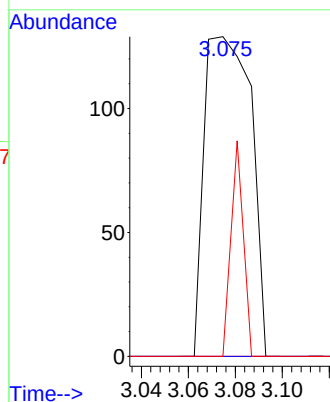
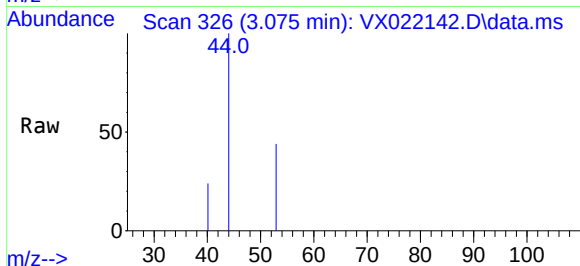




#15
Acrylonitrile
Concen: 0.37 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

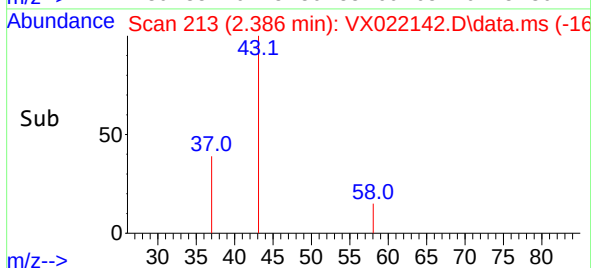
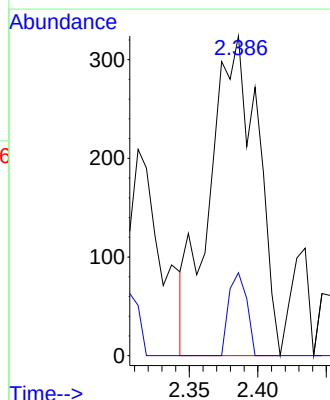
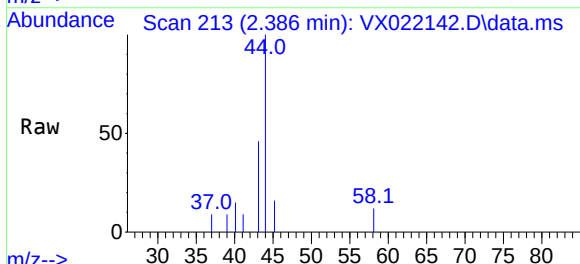
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

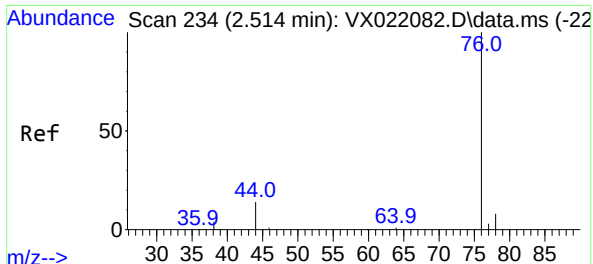
Tgt Ion: 53	Resp:	178
Ion	Ratio	Lower Upper
53	100	
52	0.0	65.3 97.9#
51	18.0	28.2 42.2#



#16
Acetone
Concen: 1.71 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 43	Resp:	784
Ion	Ratio	Lower Upper
43	100	
58	25.9	27.8 41.8#

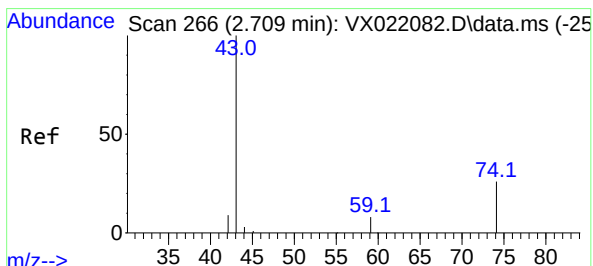
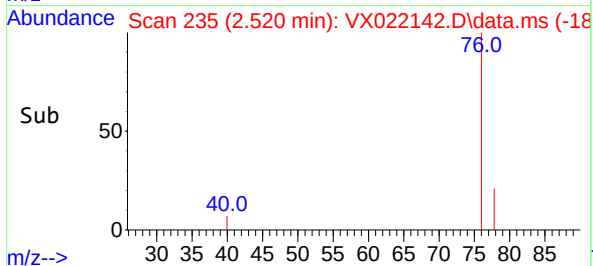
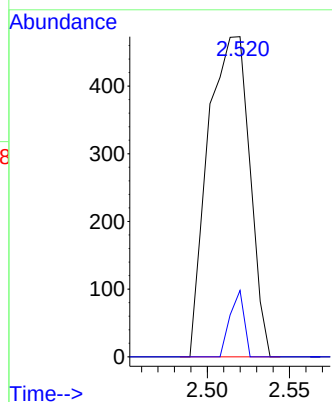
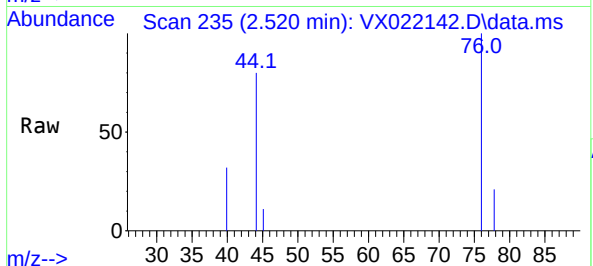




#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

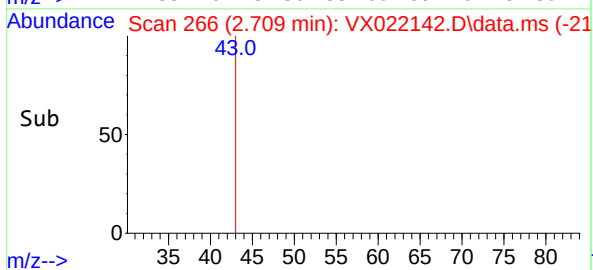
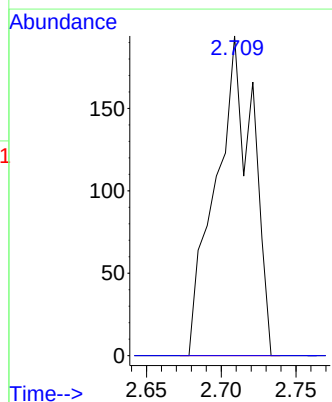
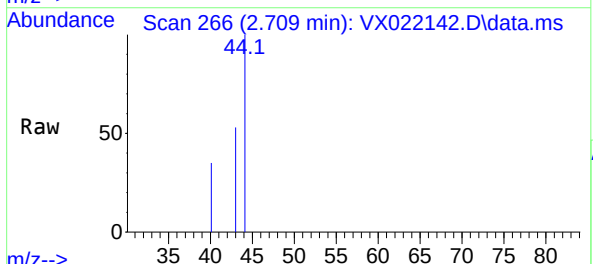
Instrument :
MSVOA_X
ClientSampled :
VX0524MBL01

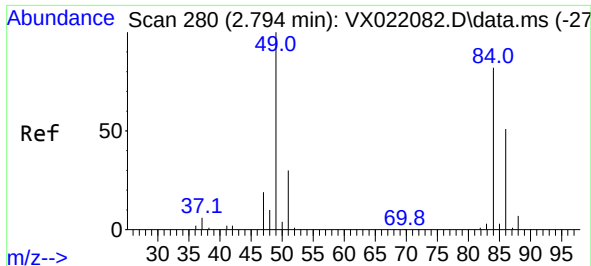
Tgt Ion: 76 Resp: 832
Ion Ratio Lower Upper
76 100
78 20.7 7.2 10.8#



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.57 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022142.D

Acq: 24 May 2021 12:59

Tgt Ion: 84 Resp: 585

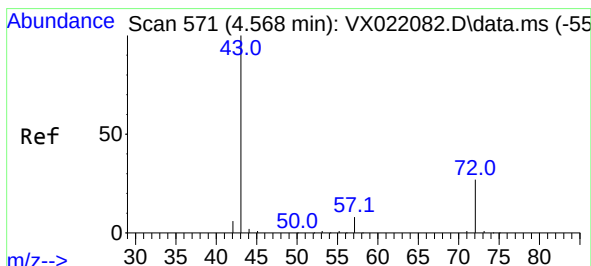
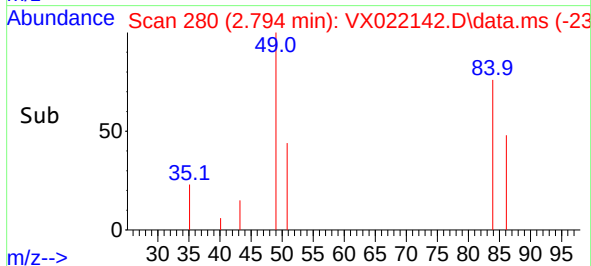
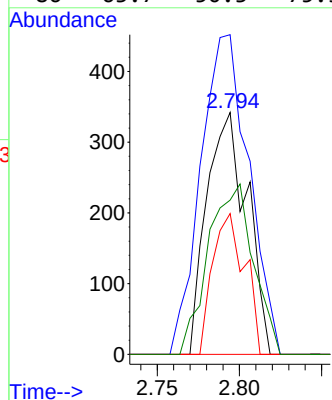
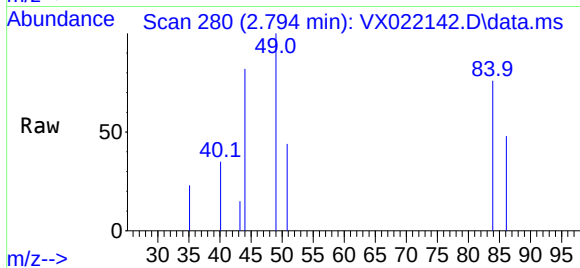
Ion Ratio Lower Upper

84 100

49 132.2 88.6 132.8

51 58.2 27.0 40.6#

86 63.7 50.3 75.5



#25

2-Butanone

Concen: 0.30 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX022142.D

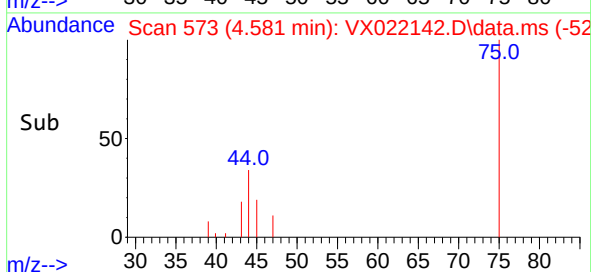
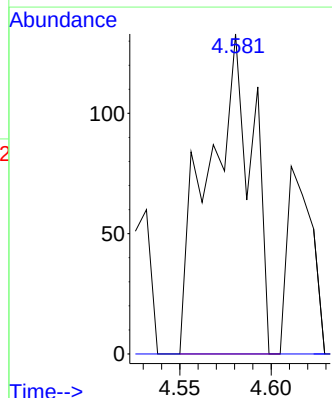
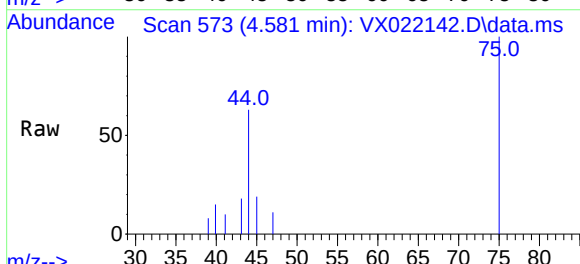
Acq: 24 May 2021 12:59

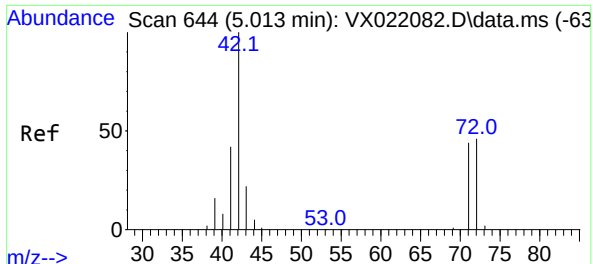
Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.013 min Scan# 644

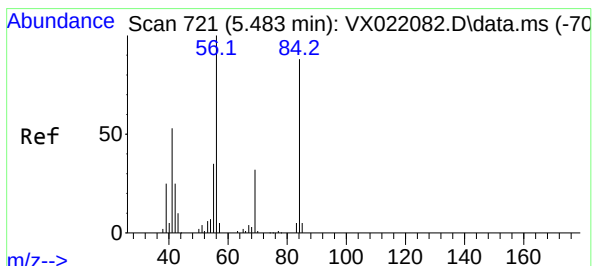
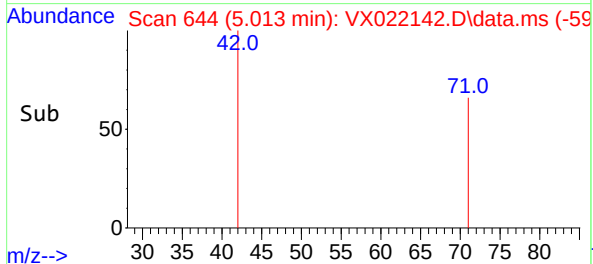
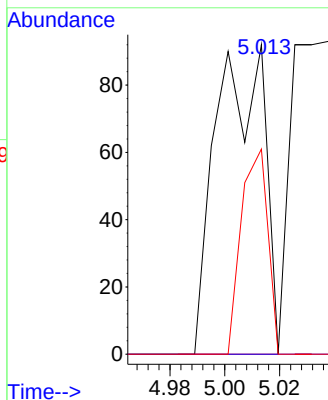
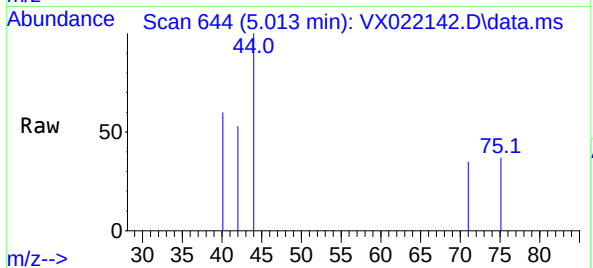
Delta R.T. 0.000 min

Lab File: VX022142.D

Acq: 24 May 2021 12:59

Tgt Ion:	42	Resp:	112
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	36.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01



#31

Cyclohexane

Concen: 1.41 ug/l

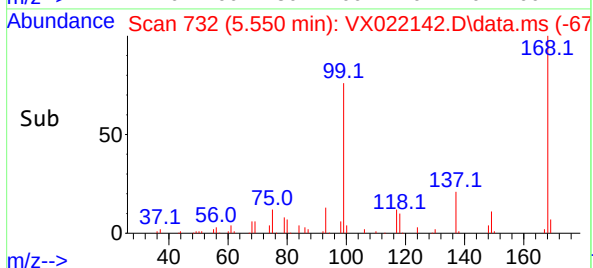
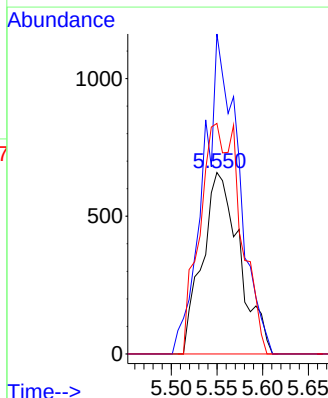
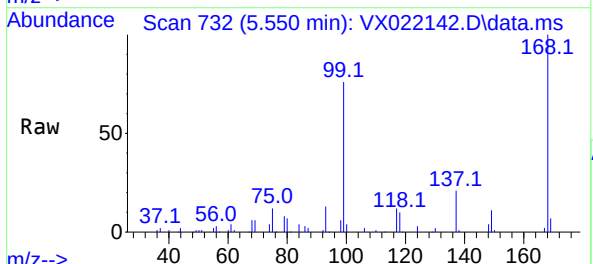
RT: 5.550 min Scan# 732

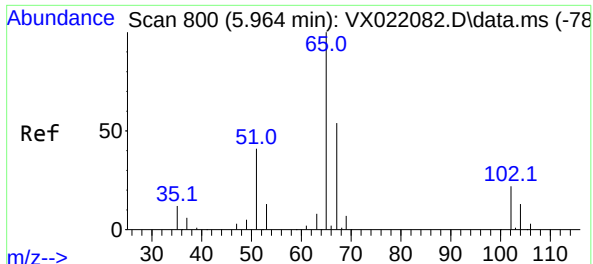
Delta R.T. 0.067 min

Lab File: VX022142.D

Acq: 24 May 2021 12:59

Tgt Ion:	56	Resp:	1865
Ion	Ratio	Lower	Upper
56	100		
69	176.3	25.3	37.9#
84	127.0	71.4	107.0#



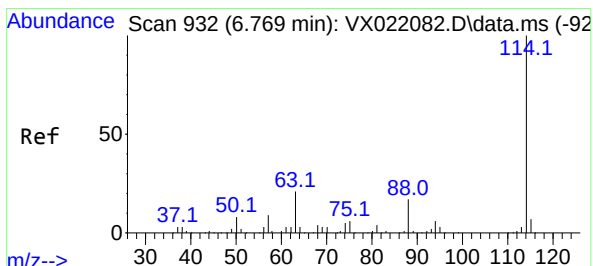
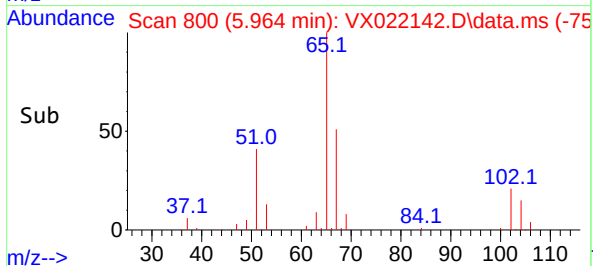
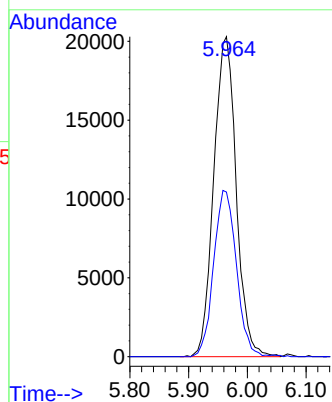
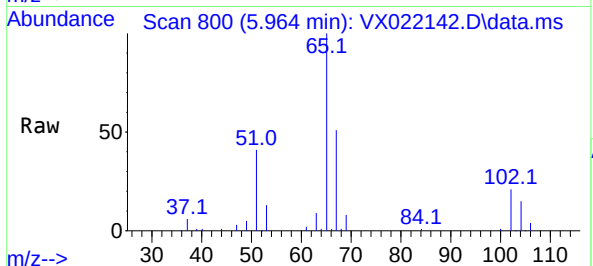


#33

1,2-Dichloroethane-d4
Concen: 51.02 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

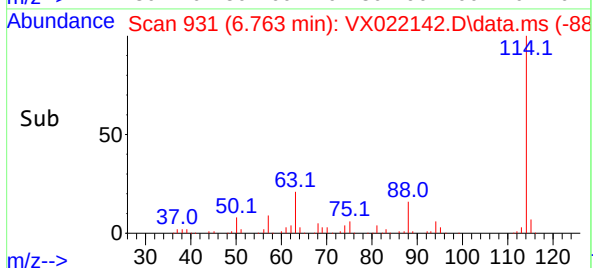
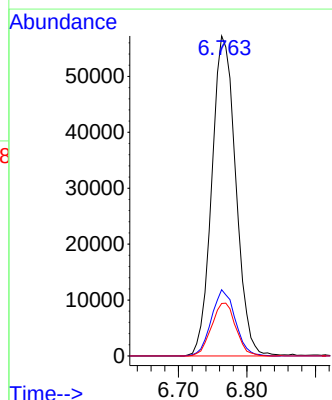
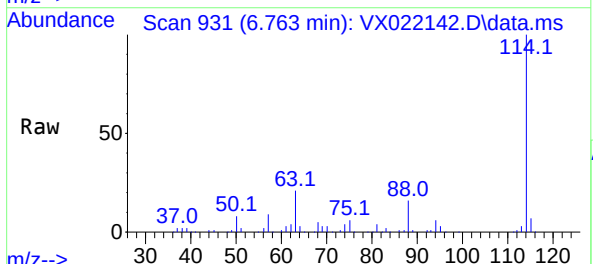
Tgt Ion: 65 Resp: 53830
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

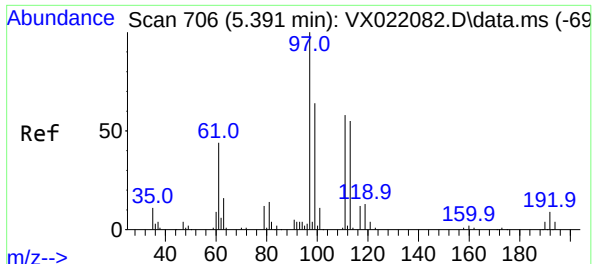


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 114 Resp: 138973
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.4 0.0 32.8

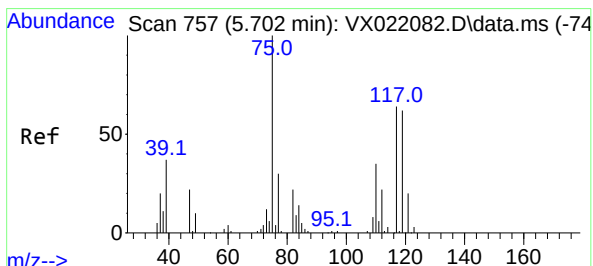
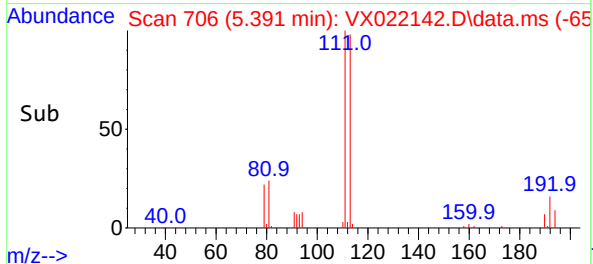
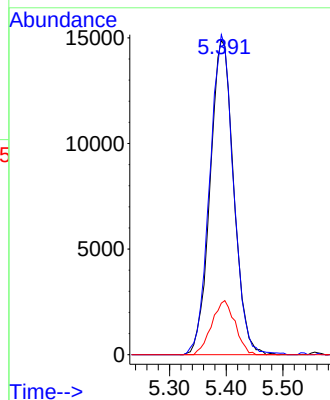
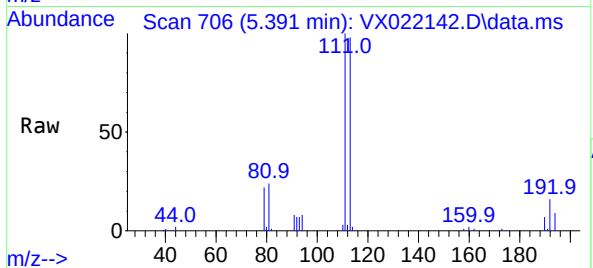




#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

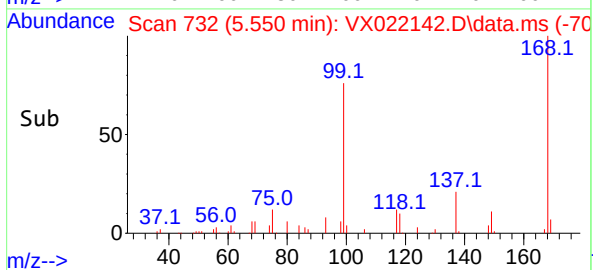
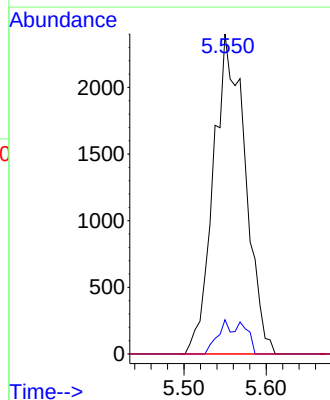
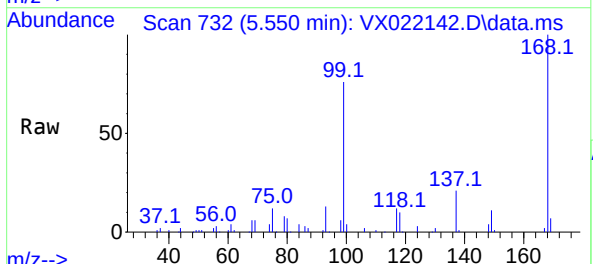
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

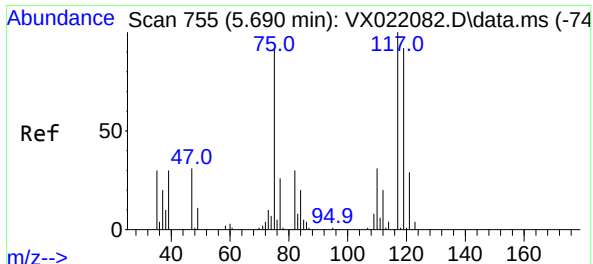
Tgt Ion:113 Resp: 42932
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 17.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

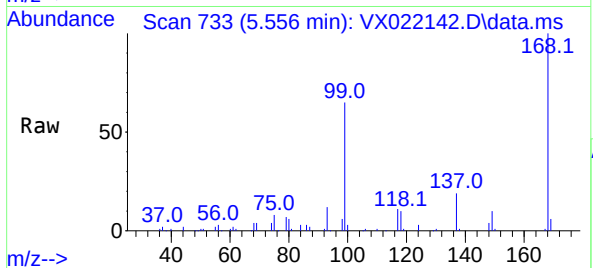
Tgt Ion: 75 Resp: 6438
Ion Ratio Lower Upper
75 100
110 5.3 18.1 54.4#
77 0.0 25.3 37.9#



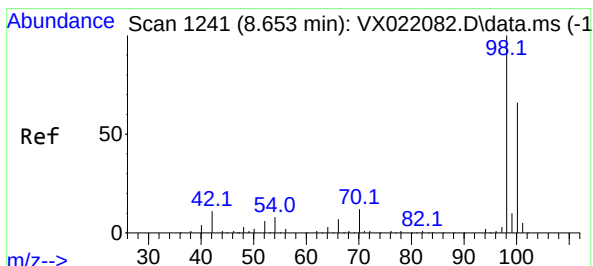
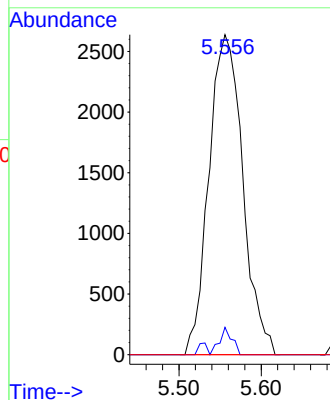
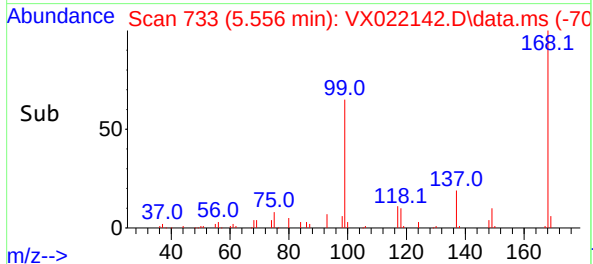


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

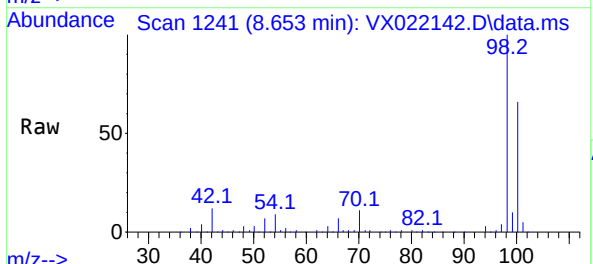
Instrument :
MSVOA_X
ClientSampled :
VX0524MBL01



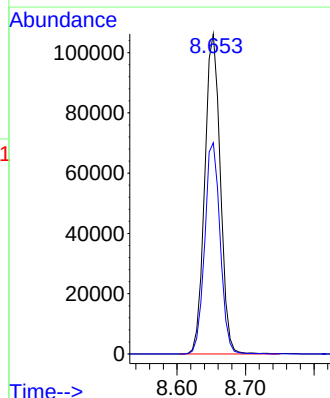
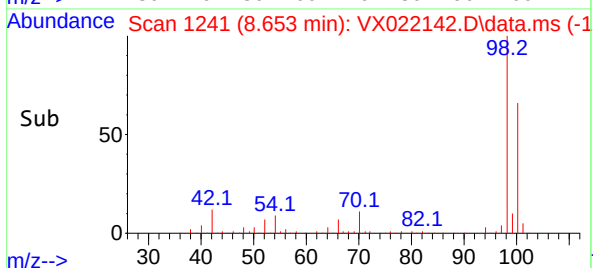
Tgt Ion:117 Resp: 7544
Ion Ratio Lower Upper
117 100
119 8.6 76.2 114.2#
121 0.0 24.8 37.2#

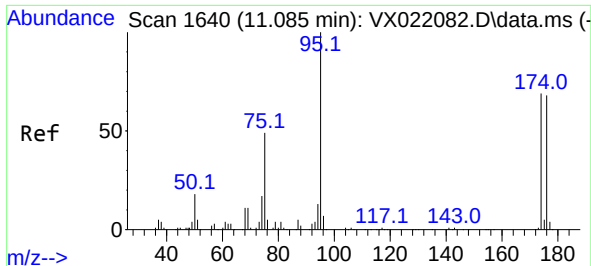


#50
Toluene-d8
Concen: 49.55 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59



Tgt Ion: 98 Resp: 168202
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

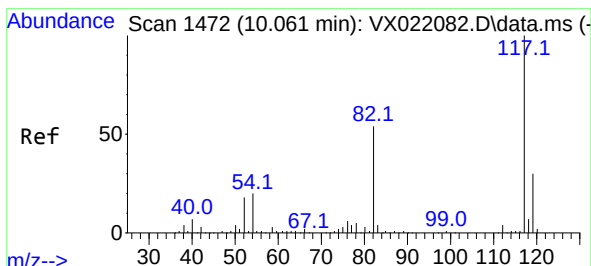
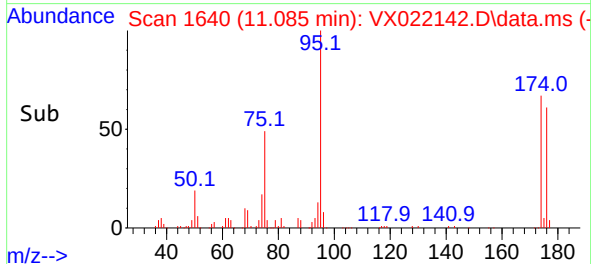
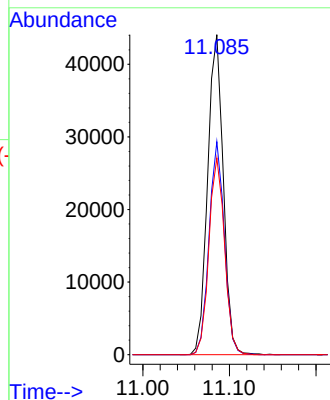
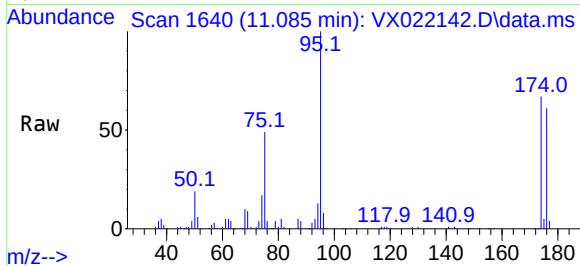




#62
4-Bromofluorobenzene
Concen: 44.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

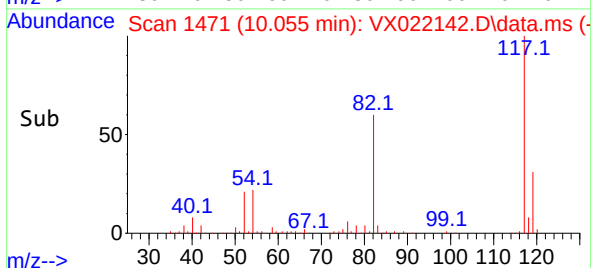
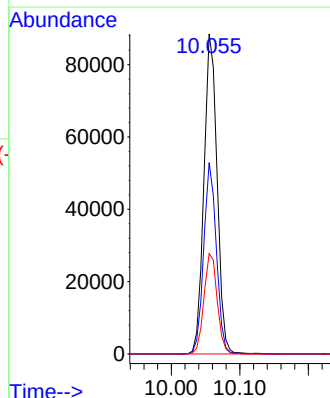
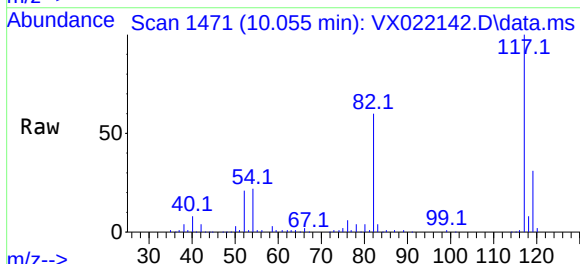
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

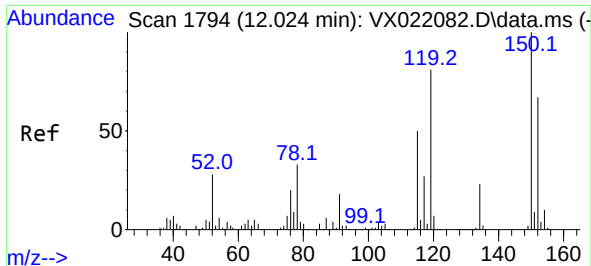
Tgt Ion: 95 Resp: 55262
Ion Ratio Lower Upper
95 100
174 65.1 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 117 Resp: 118611
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.3 26.6 39.8

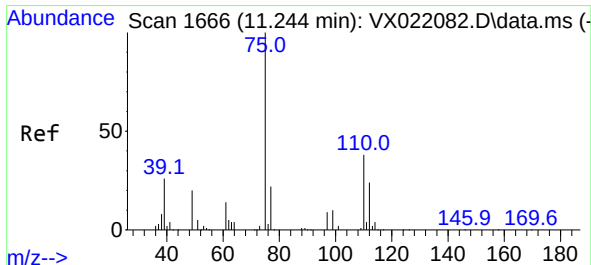
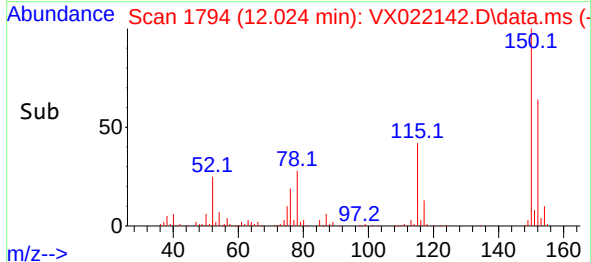
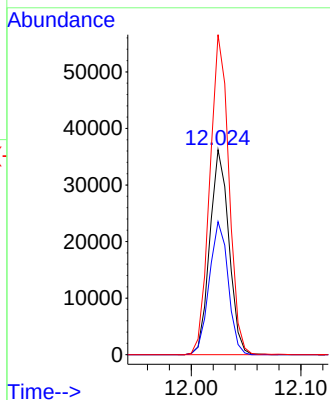
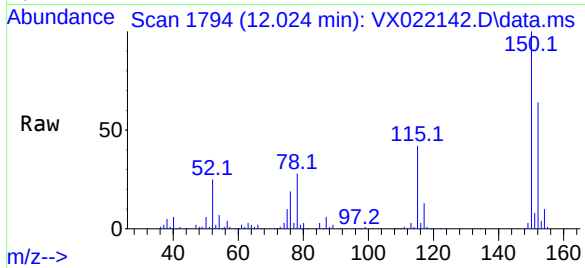




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

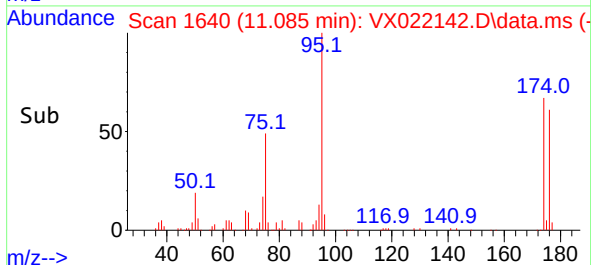
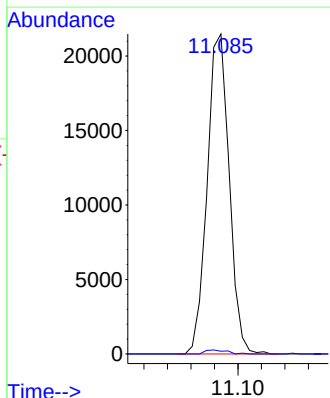
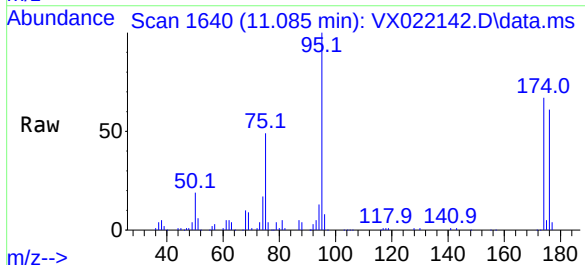
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

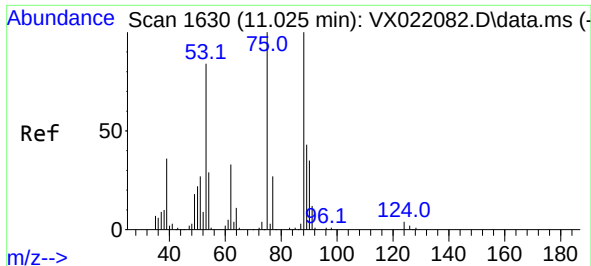
Tgt Ion:152 Resp: 43856
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion: 75 Resp: 27915
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

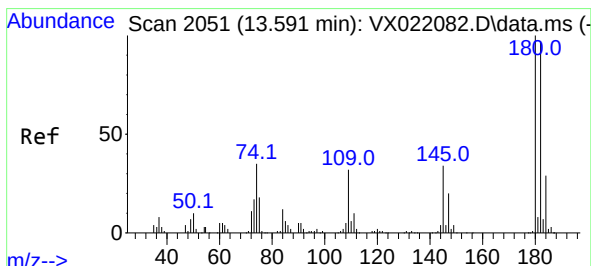
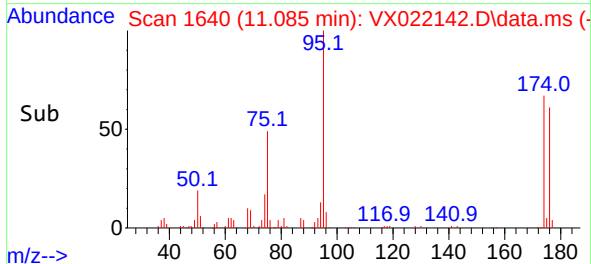
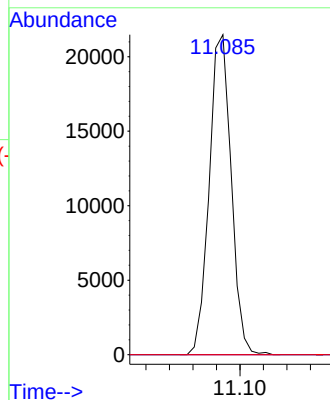
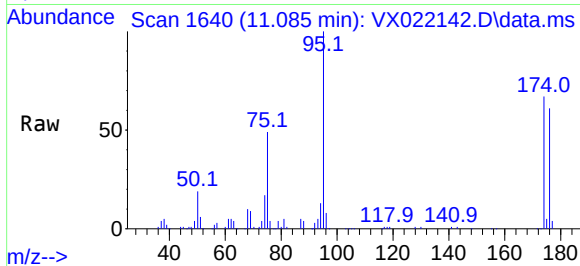




#81
trans-1,4-Dichloro-2-butene
Concen: 61.13 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

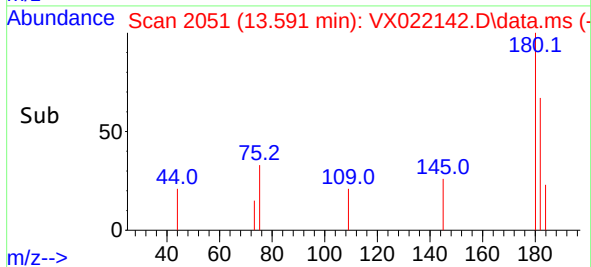
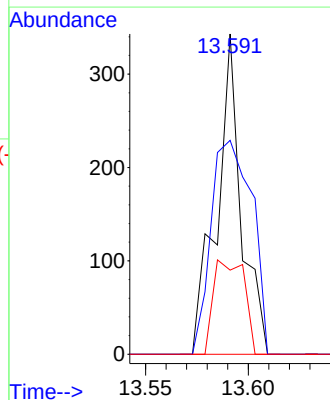
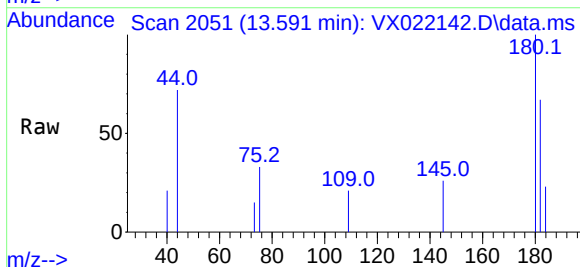
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

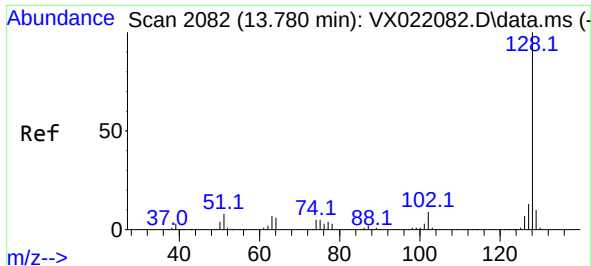
Tgt Ion: 75 Resp: 27915
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.32 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion:180 Resp: 285
Ion Ratio Lower Upper
180 100
182 111.6 47.7 143.1
145 36.8 15.0 45.0

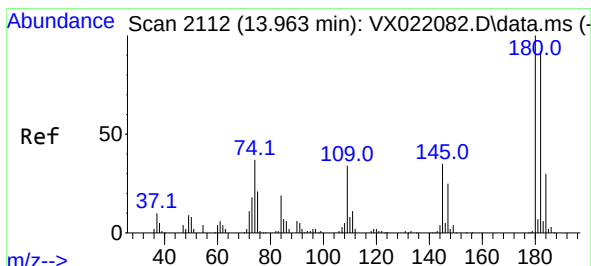
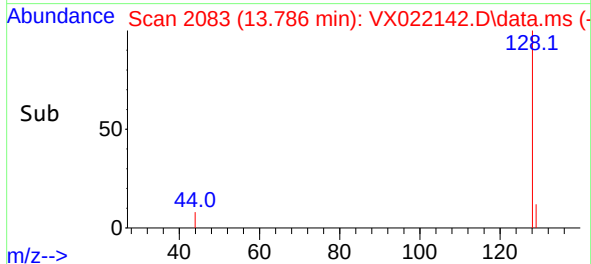
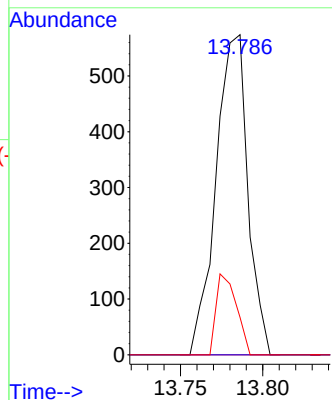
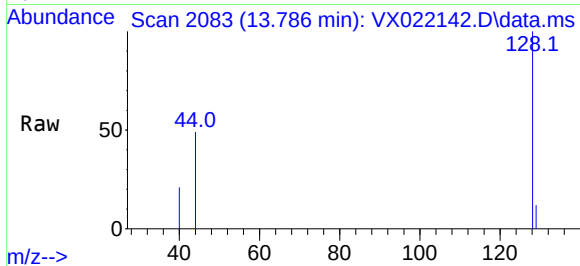




#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

Tgt Ion:128 Resp: 772
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 16.1 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.20 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX022142.D
Acq: 24 May 2021 12:59

Tgt Ion:180 Resp: 181
Ion Ratio Lower Upper
180 100
182 90.1 47.6 142.9
145 0.0 16.1 48.3#

