

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024464.D
 Acq On : 23 Sep 2021 21:12
 Operator : JC/MD
 Sample : M3833-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20210919

Quant Time: Sep 24 07:39:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

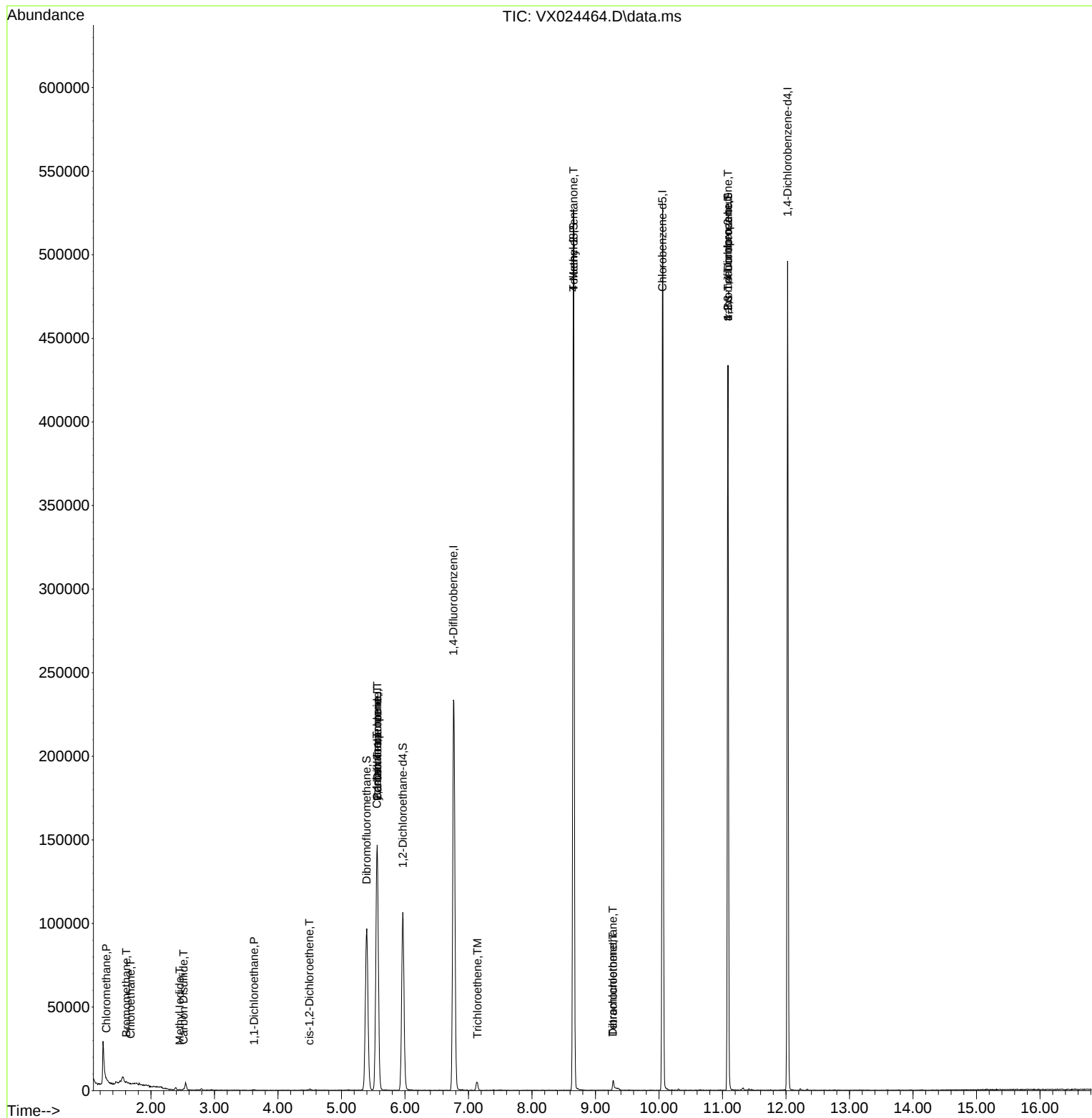
Internal Standards						
1) Pentafluorobenzene	5.562	168	133483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105935	56.310	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.620%			
35) Dibromofluoromethane	5.397	113	84656	53.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	8.653	98	307758	53.210	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.420%			
62) 4-Bromofluorobenzene	11.085	95	108207	47.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.160%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	255	0.201	ug/l #	60
5) Bromomethane	1.612	94	218	0.245	ug/l	84
6) Chloroethane	1.679	64	371	0.677	ug/l	100
10) Methyl Iodide	2.453	142	389	0.211	ug/l #	91
11) Tert butyl alcohol	2.935	59	149	Below Cal	#	73
16) Acetone	2.386	43	1627	Below Cal	#	84
17) Carbon Disulfide	2.514	76	857	0.498	ug/l #	75
20) Methylene Chloride	2.788	84	402	Below Cal	#	86
24) 1,1-Dichloroethane	3.623	63	512	0.202	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	510	0.314	ug/l	90
31) Cyclohexane	5.556	56	2939	1.305	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	10832	4.777	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13950	5.651	ug/l #	17
44) Trichloroethene	7.141	130	2062	1.156	ug/l	66
51) 4-Methyl-2-Pentanone	8.653	43	1509	0.531	ug/l #	1
60) Dibromochloromethane	9.275	129	815	1.592	ug/l #	11
64) Tetrachloroethene	9.275	164	975	0.579	ug/l #	79
76) 1,2,3-Trichloropropane	11.085	75	58453	26.120	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58453	71.141	ug/l #	12

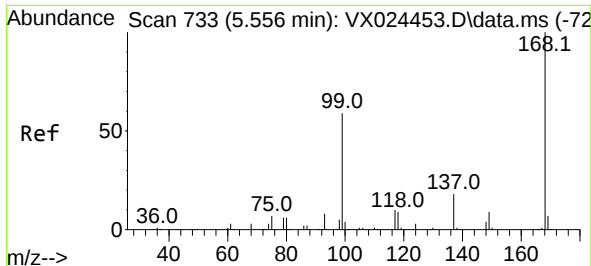
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
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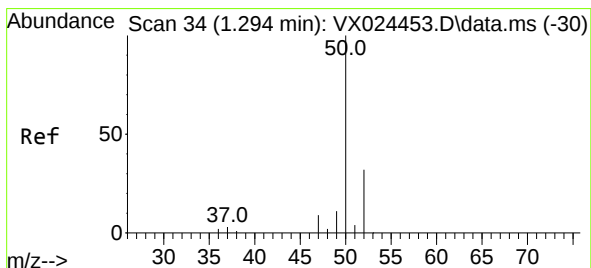
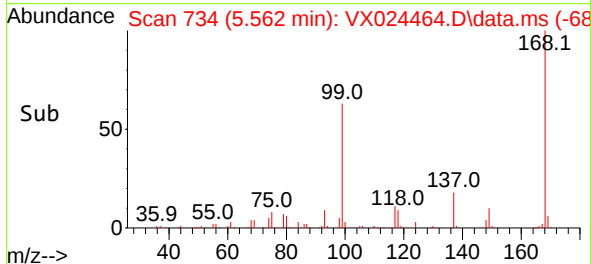
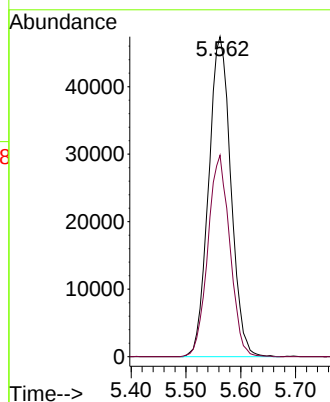
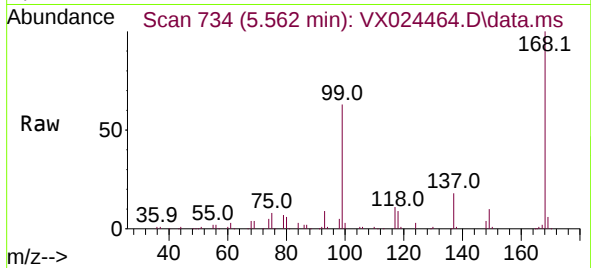




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

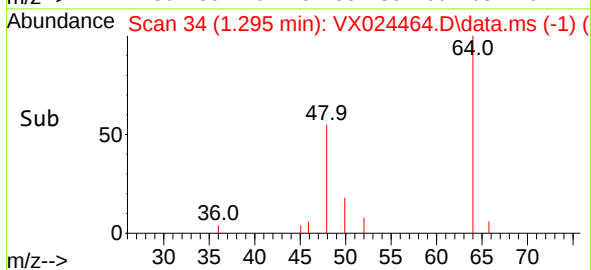
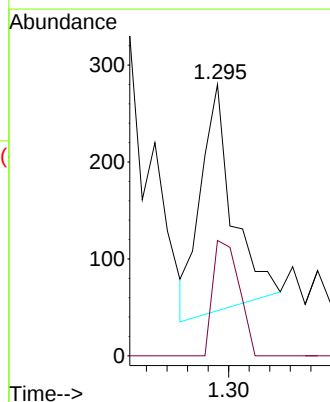
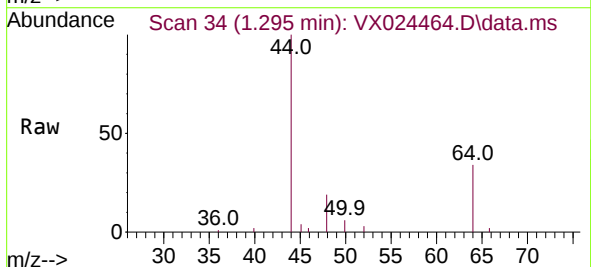
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

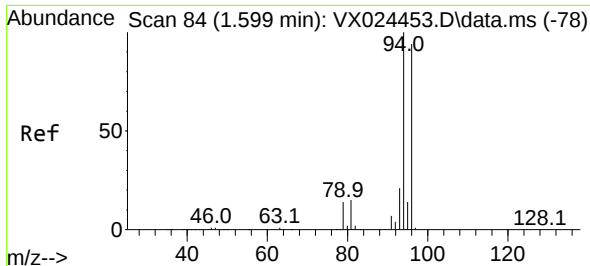
Tgt Ion:168 Resp: 133483
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 55.6 26.4 39.6#

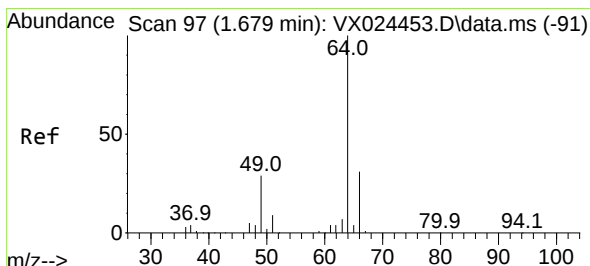
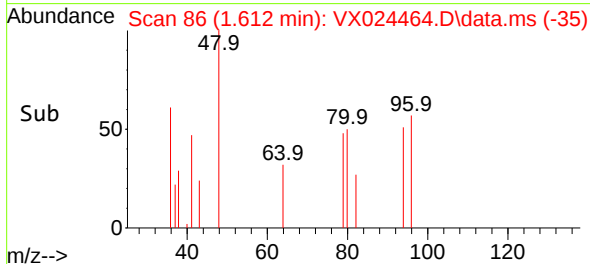
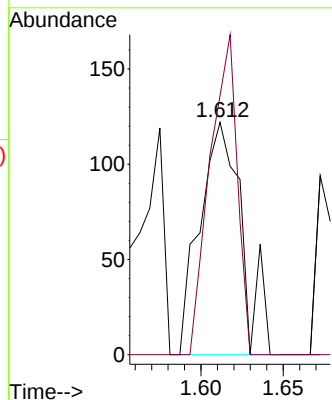
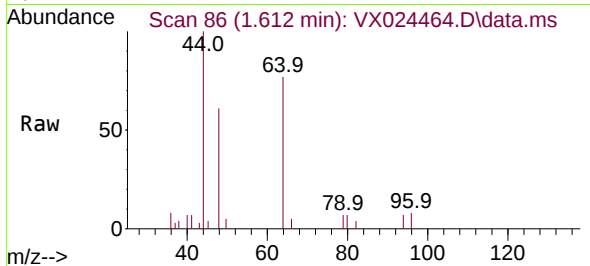




#5
Bromomethane
Concen: 0.245 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

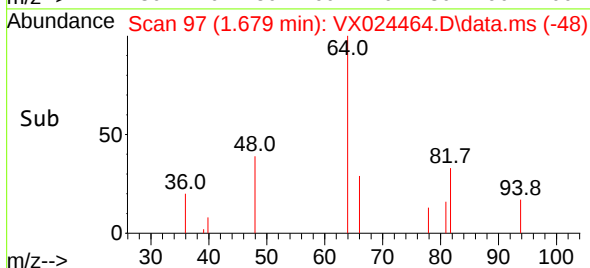
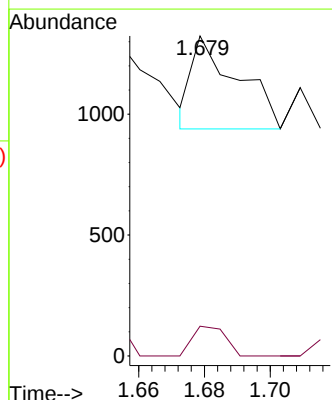
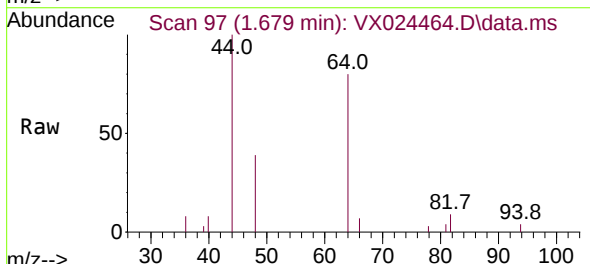
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

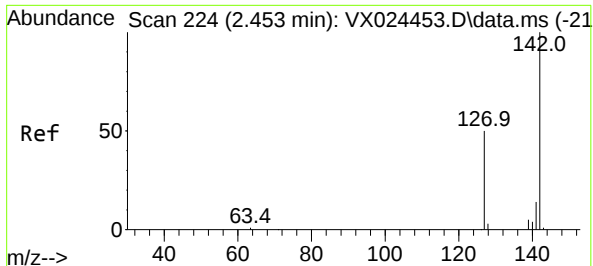
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 111.5 76.4 114.6



#6
Chloroethane
Concen: 0.677 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion: 64 Resp: 371
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

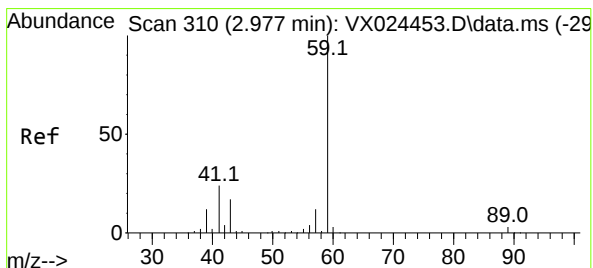
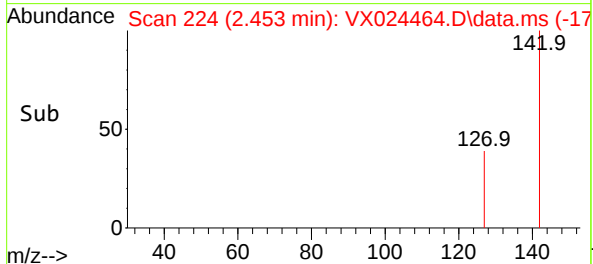
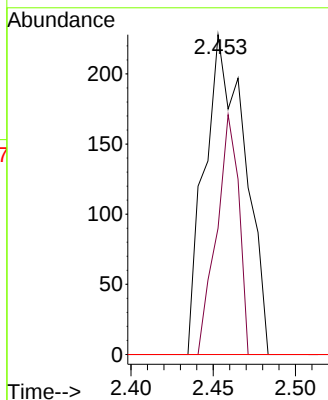
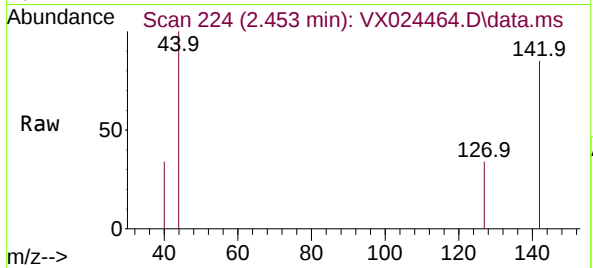




#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

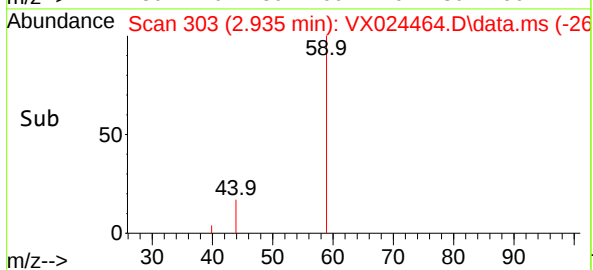
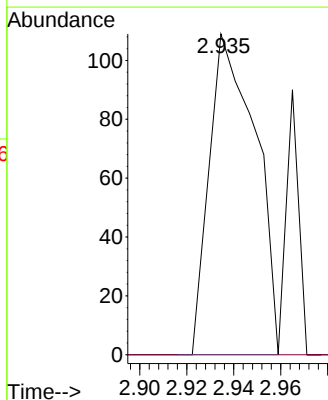
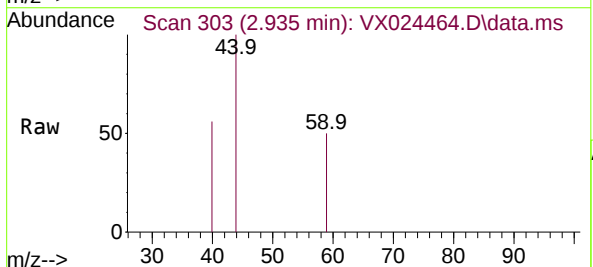
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

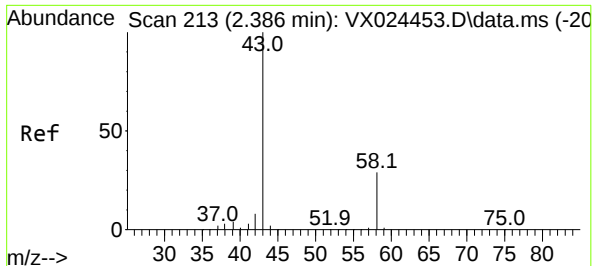
Tgt Ion:	142	Resp:	389
Ion	Ratio	Lower	Upper
142	100		
127	41.4	33.3	49.9
141	0.0	11.4	17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.935 min Scan# 303
Delta R.T. -0.042 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion:	59	Resp:	149
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

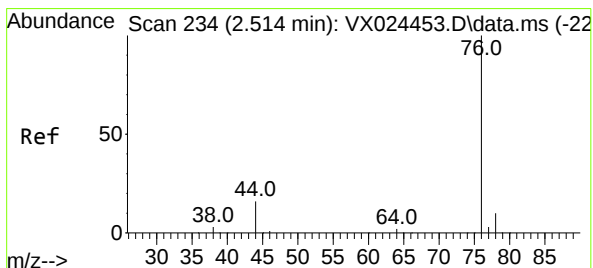
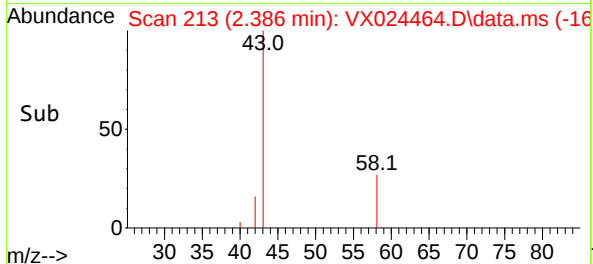
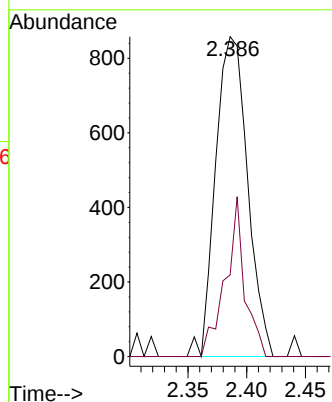
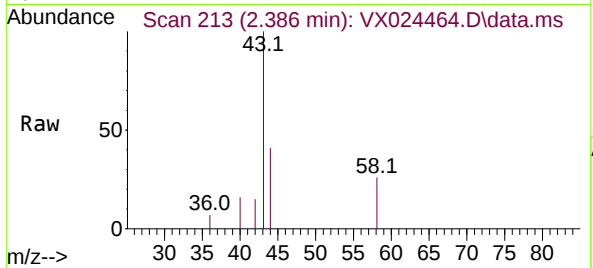




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

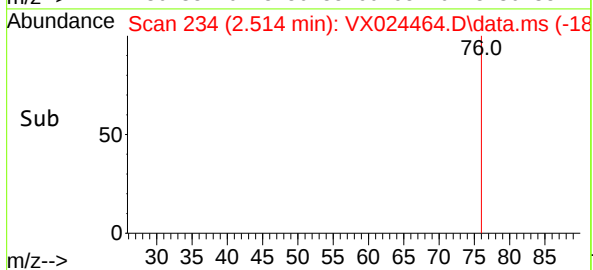
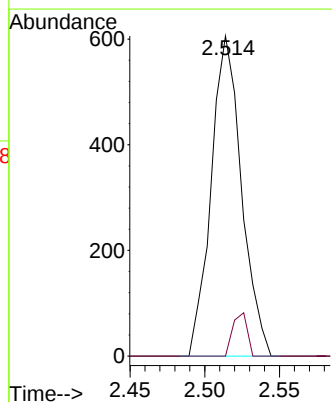
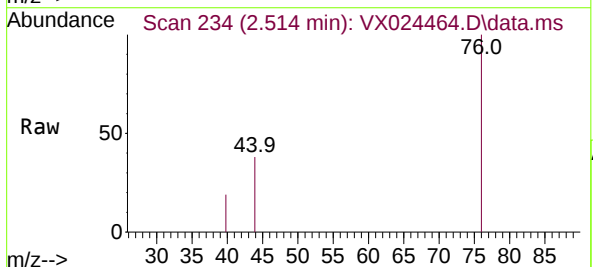
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

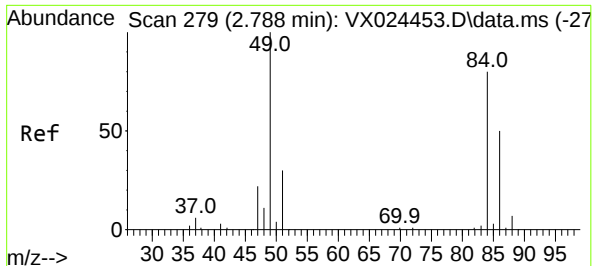
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.498 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion: 76 Resp: 857
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX024464.D

Acq: 23 Sep 2021 21:12

Instrument :

MSVOA_X

ClientSampleId :

DUP08-20210919

Tgt Ion: 84 Resp: 402

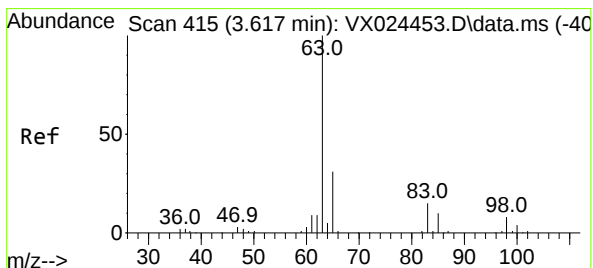
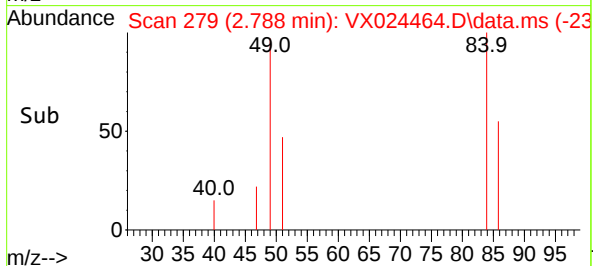
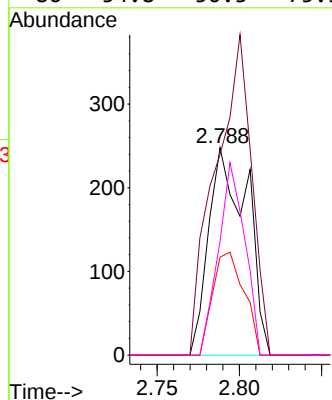
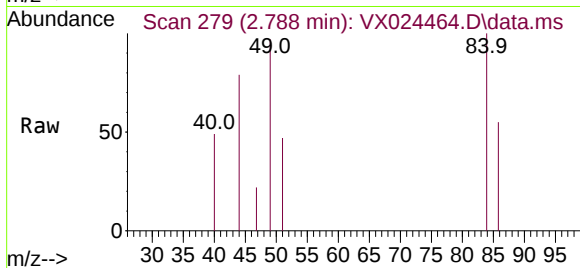
Ion Ratio Lower Upper

84 100

49 96.8 88.6 132.8

51 47.2 27.0 40.6#

86 54.8 50.3 75.5



#24

1,1-Dichloroethane

Concen: 0.202 ug/l

RT: 3.623 min Scan# 416

Delta R.T. 0.006 min

Lab File: VX024464.D

Acq: 23 Sep 2021 21:12

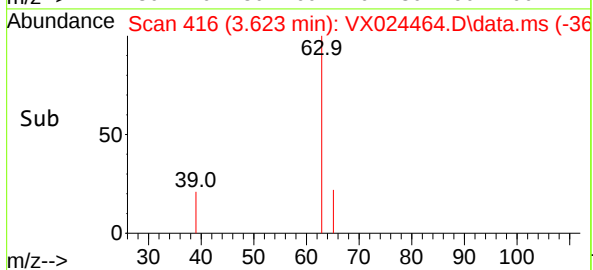
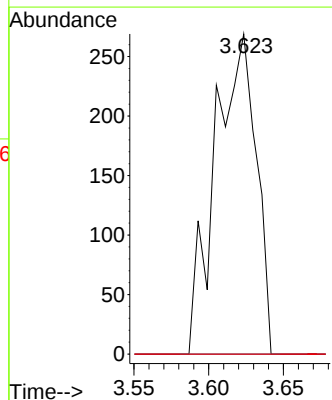
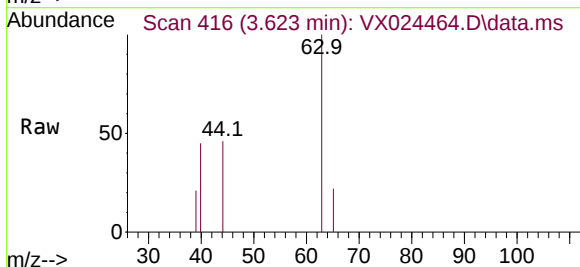
Tgt Ion: 63 Resp: 512

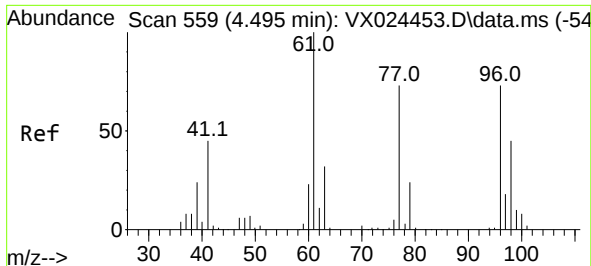
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.5 7.5#

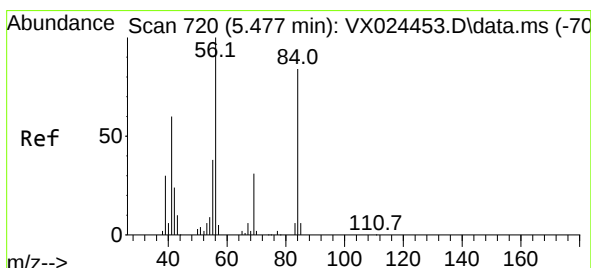
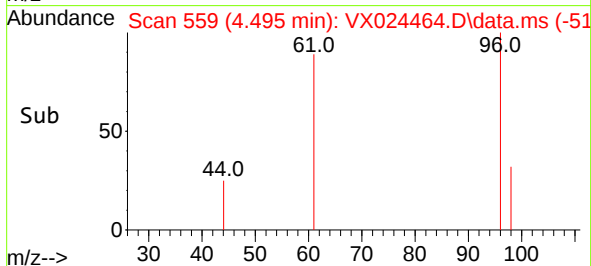
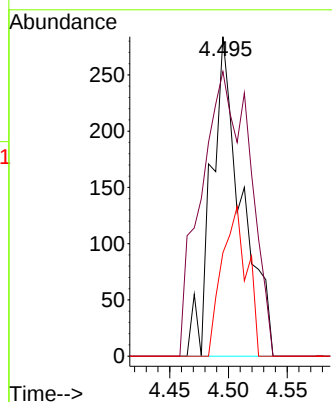
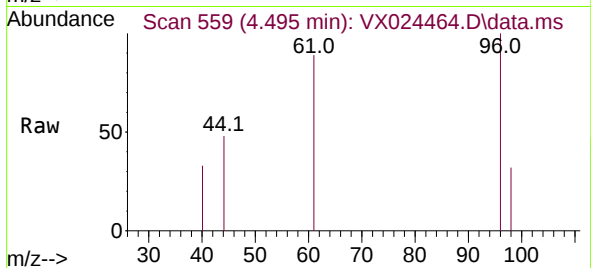




#27
cis-1,2-Dichloroethene
Concen: 0.314 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

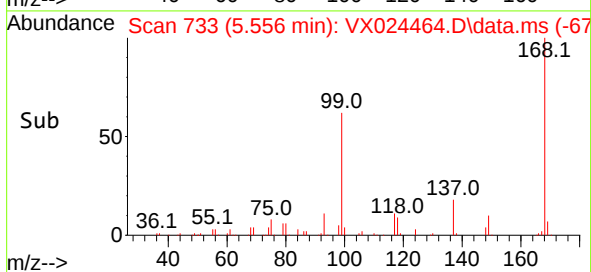
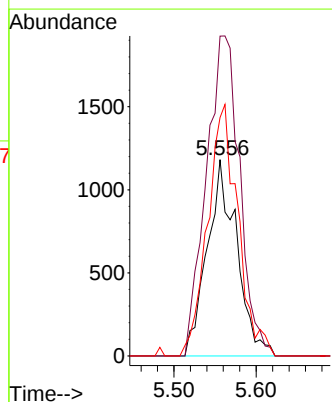
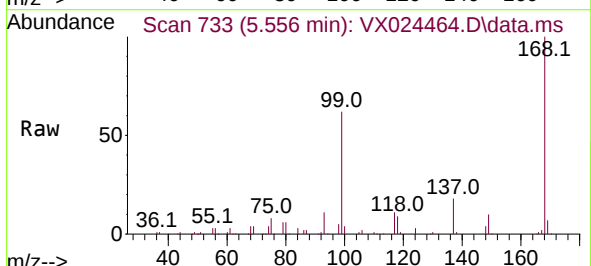
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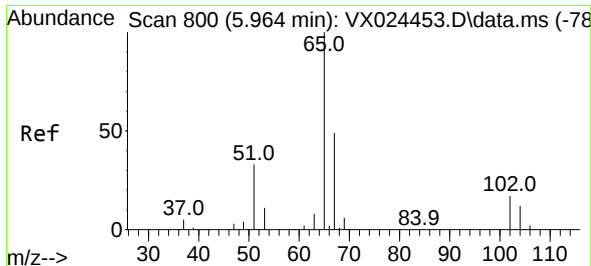
Tgt Ion: 96	Resp: 510		
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	285.6
98	38.8	0.0	129.6



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion: 56	Resp: 2939
Ion Ratio	Lower Upper
56 100	
69 162.9	25.3 37.9#
84 121.4	71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 56.310 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

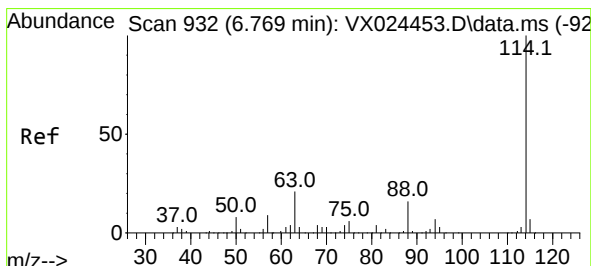
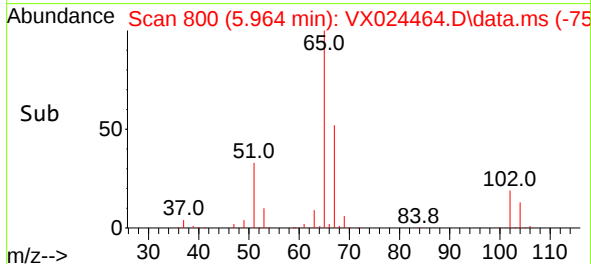
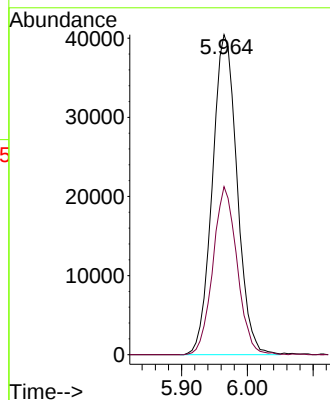
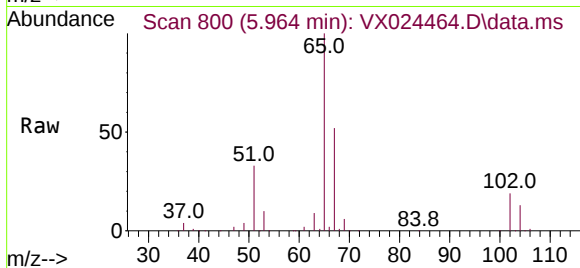
Lab File: VX024464.D

Acq: 23 Sep 2021 21:12

Tgt Ion: 65 Resp: 105935

Ion Ratio Lower Upper

65	100		
67	51.2	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

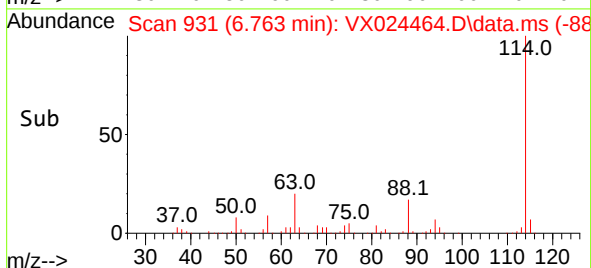
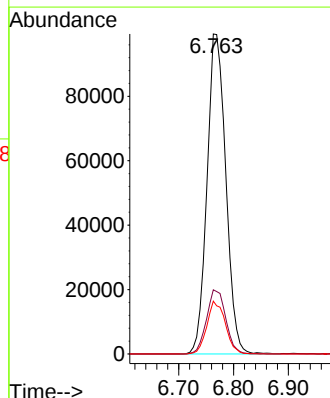
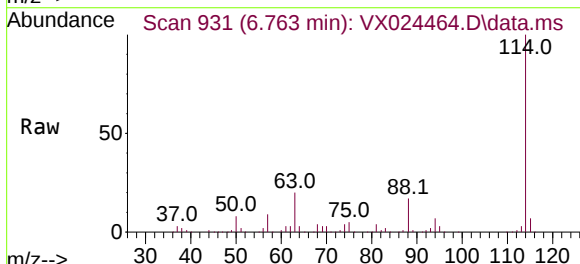
Lab File: VX024464.D

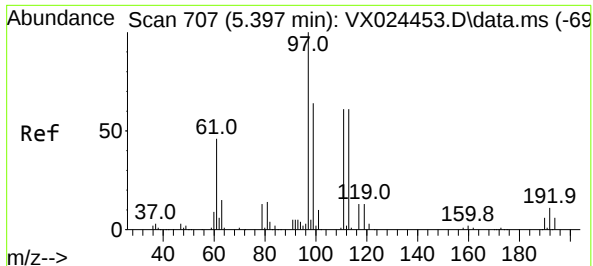
Acq: 23 Sep 2021 21:12

Tgt Ion: 114 Resp: 236552

Ion Ratio Lower Upper

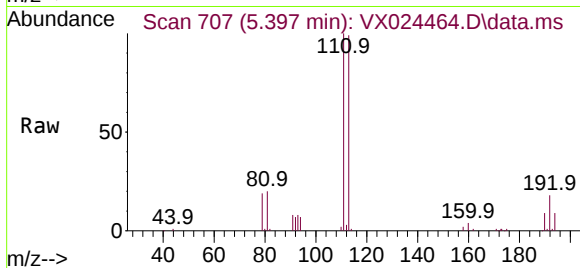
114	100		
63	20.0	0.0	40.8
88	16.5	0.0	32.8



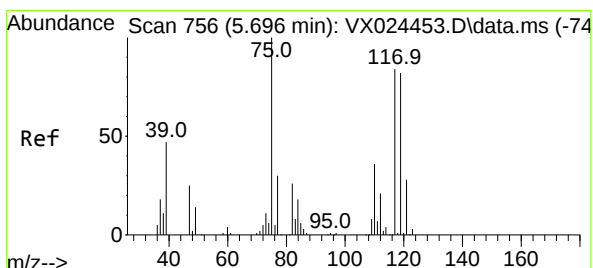
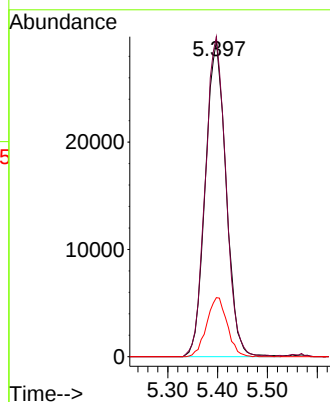
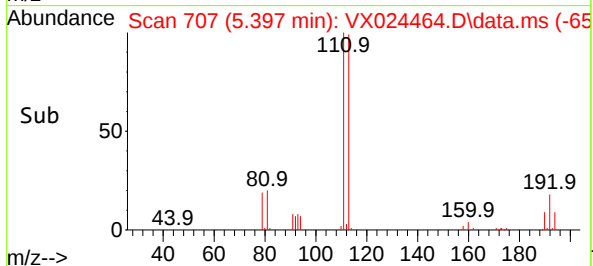


#35
Dibromofluoromethane
Concen: 53.870 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

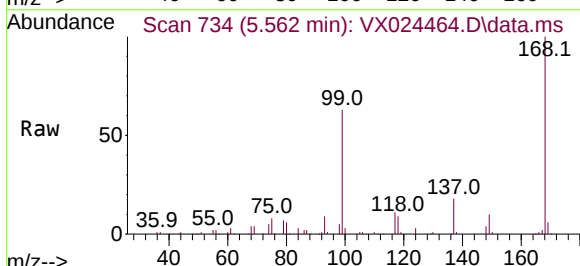
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919



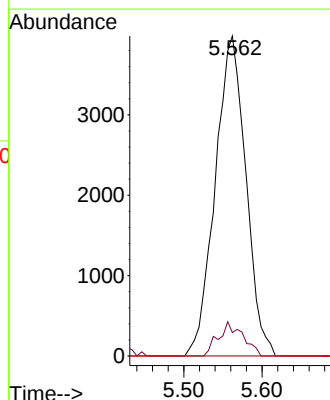
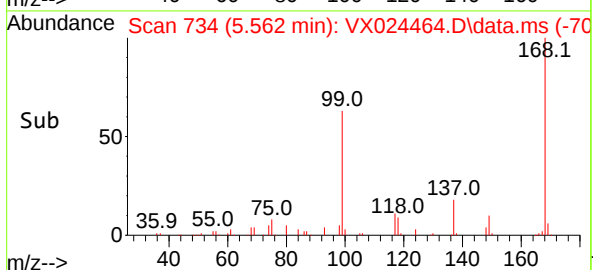
Tgt Ion:113 Resp: 84656
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.6 16.7 25.1

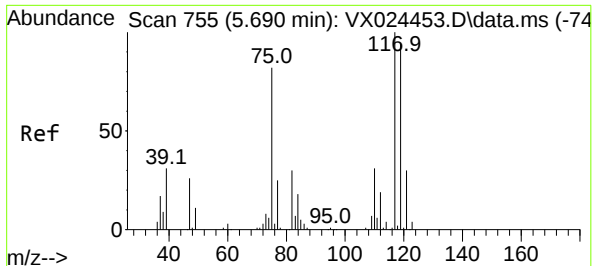


#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12



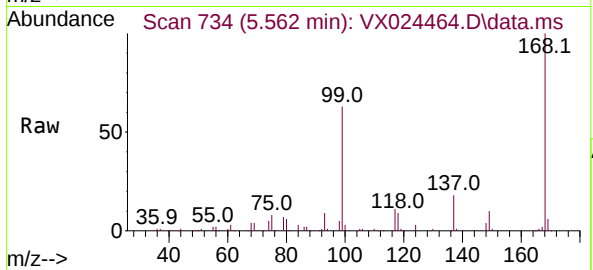
Tgt Ion: 75 Resp: 10832
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



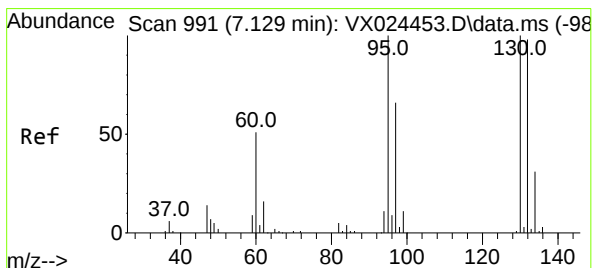
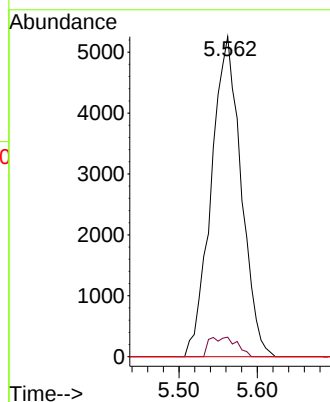
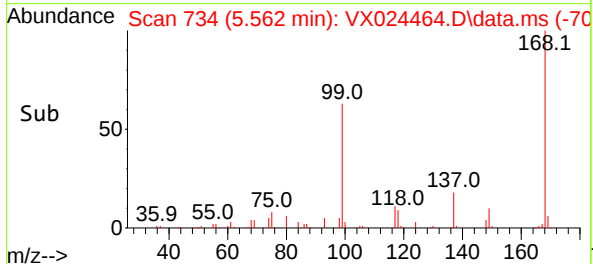


#38
Carbon Tetrachloride
Concen: 5.651 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

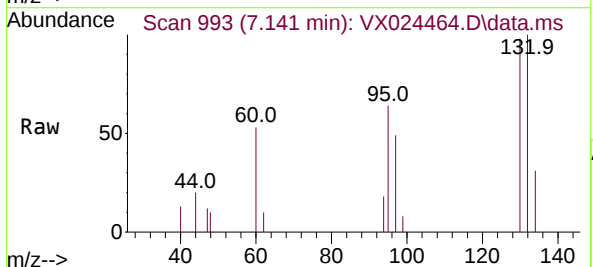
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919



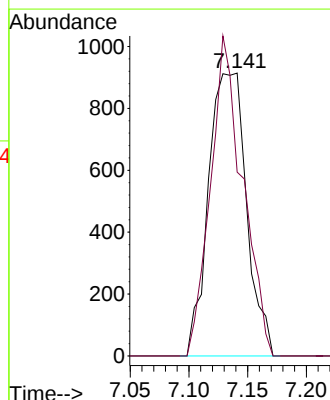
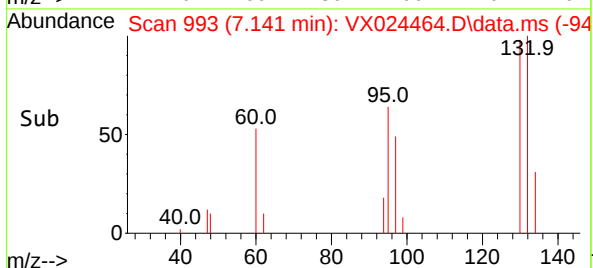
Tgt Ion:117 Resp: 13950
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

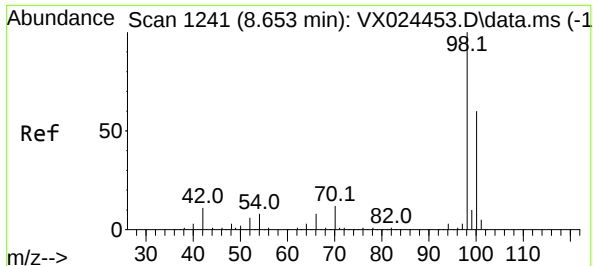


#44
Trichloroethene
Concen: 1.156 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12



Tgt Ion:130 Resp: 2062
Ion Ratio Lower Upper
130 100
95 65.0 0.0 198.0

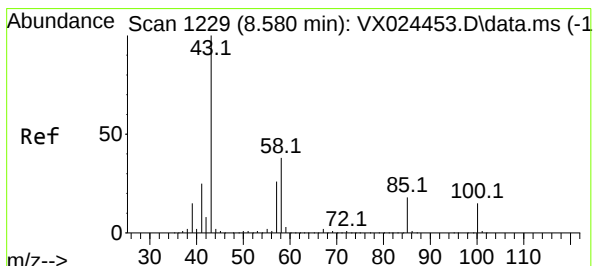
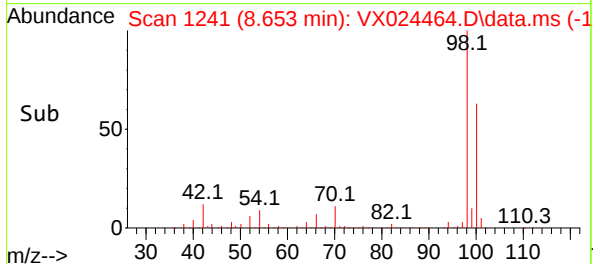
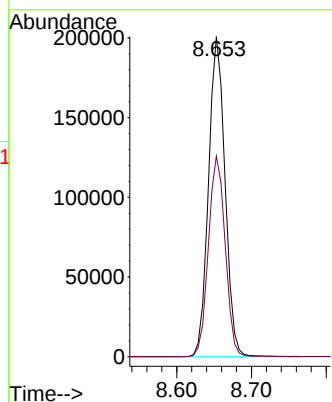
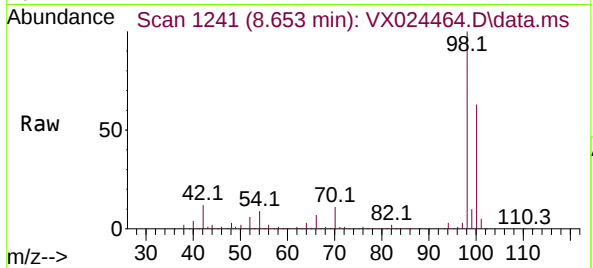




#50
Toluene-d8
Concen: 53.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

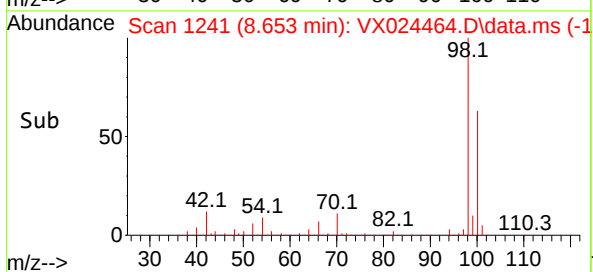
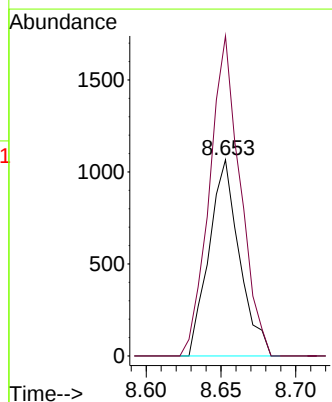
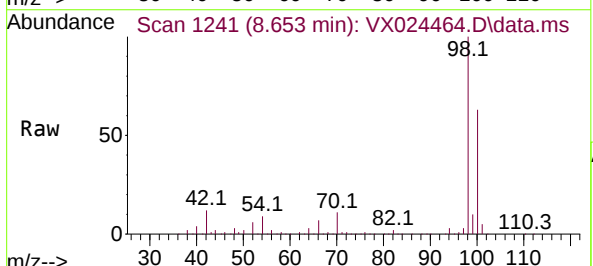
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

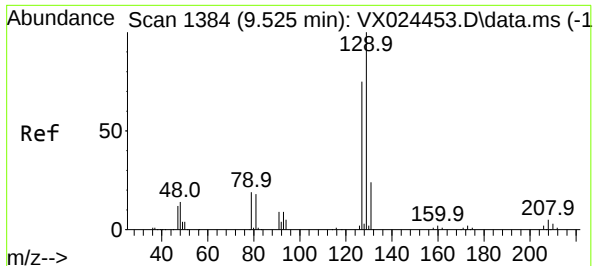
Tgt Ion: 98 Resp: 307758
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 164.9 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.592 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024464.D

Acq: 23 Sep 2021 21:12

Instrument :

MSVOA_X

ClientSampleId :

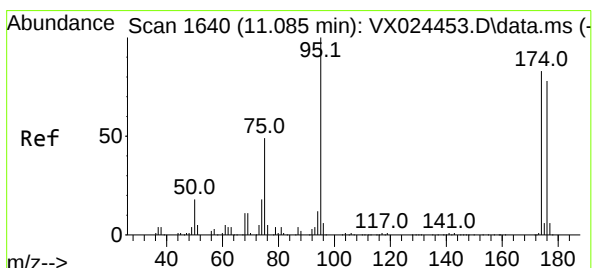
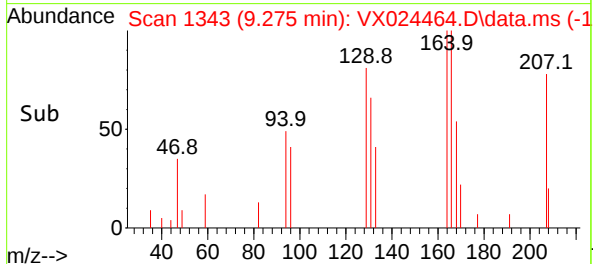
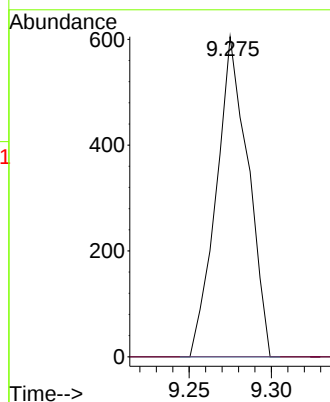
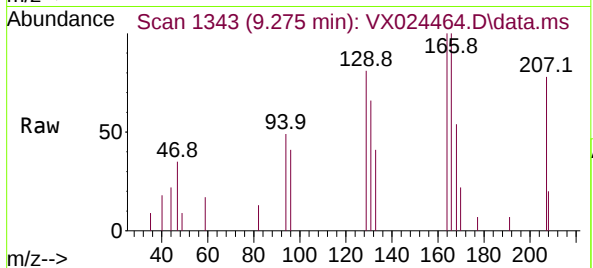
DUP08-20210919

Tgt Ion:129 Resp: 815

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.582 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024464.D

Acq: 23 Sep 2021 21:12

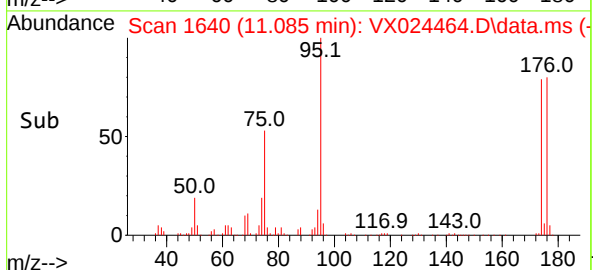
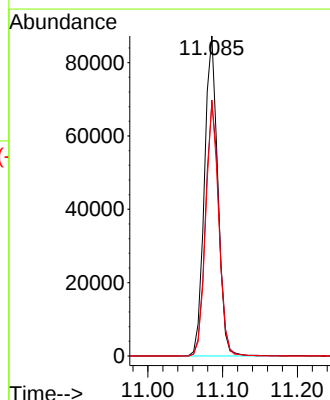
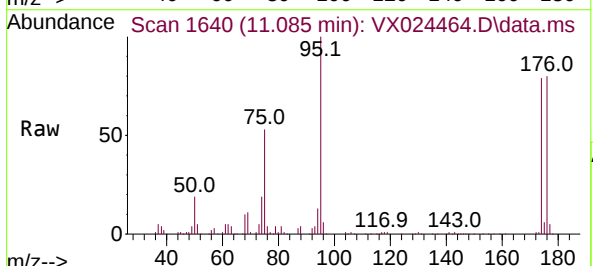
Tgt Ion: 95 Resp: 108207

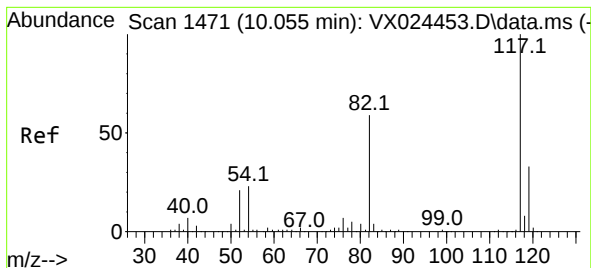
Ion Ratio Lower Upper

95 100

174 80.1 0.0 154.6

176 76.9 0.0 155.8

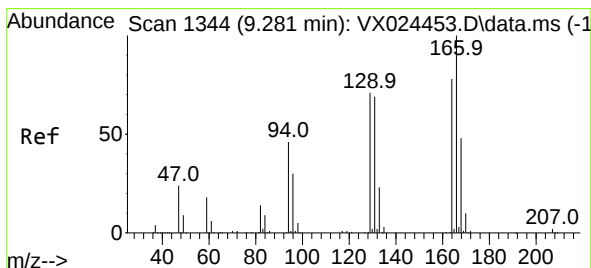
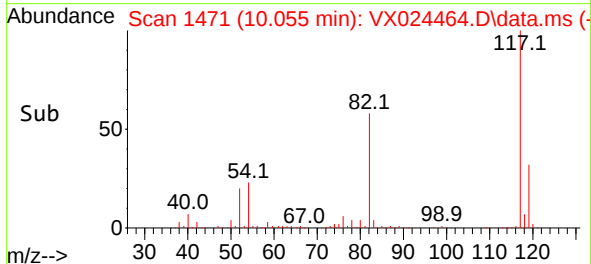
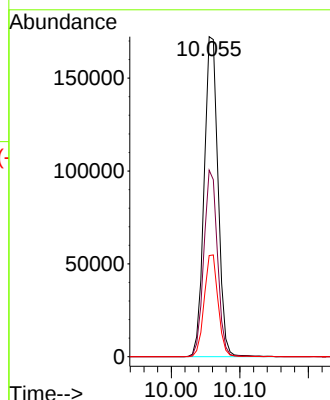
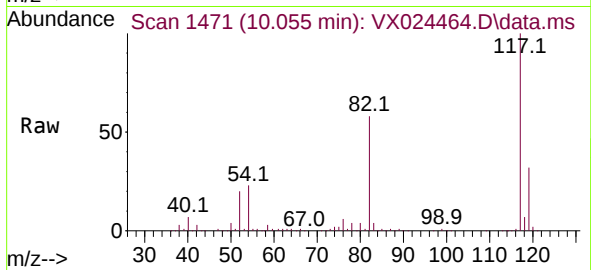




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

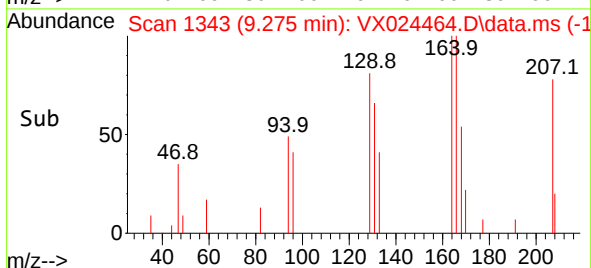
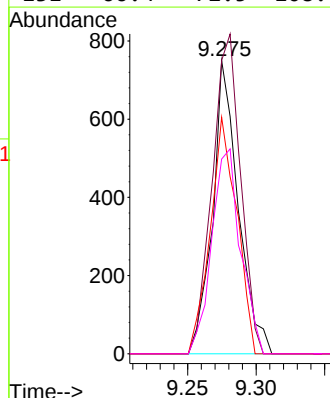
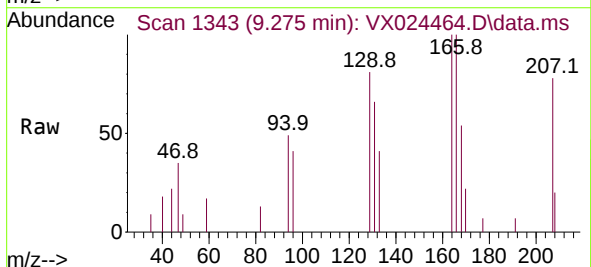
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

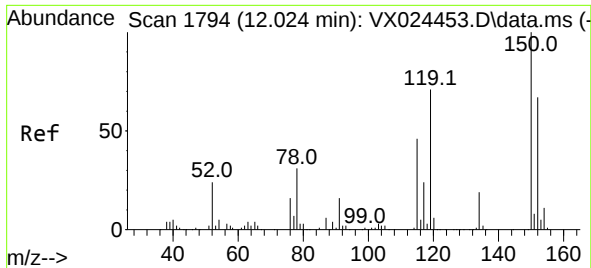
Tgt Ion:117 Resp: 243321
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.579 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

Tgt Ion:164 Resp: 975
Ion Ratio Lower Upper
164 100
166 100.0 103.4 155.2#
129 80.7 70.8 106.2
131 66.4 72.5 108.7#

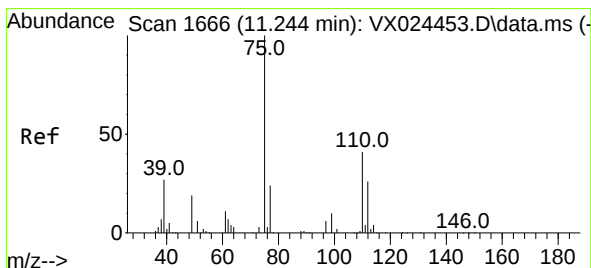
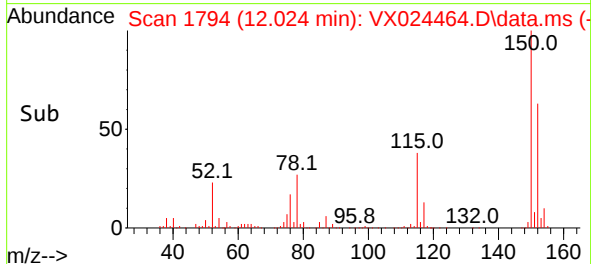
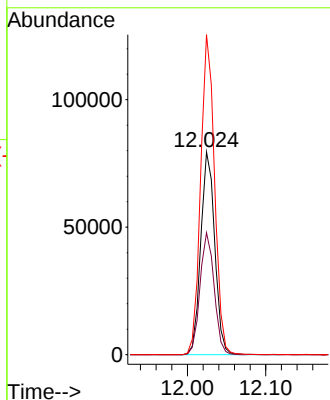
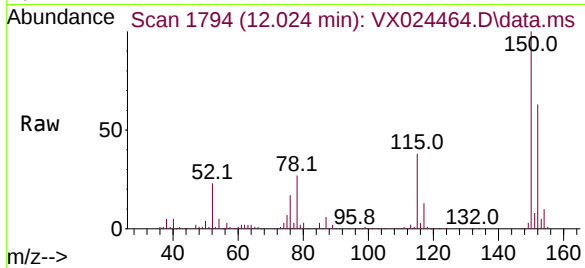




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

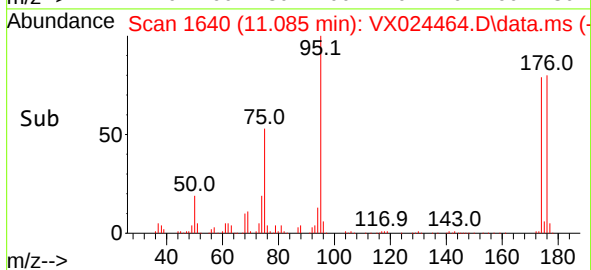
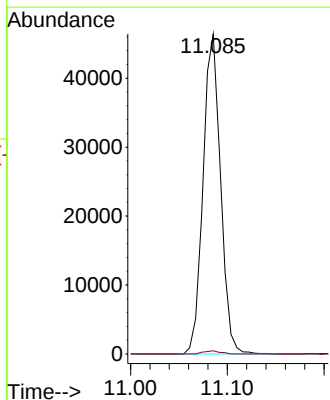
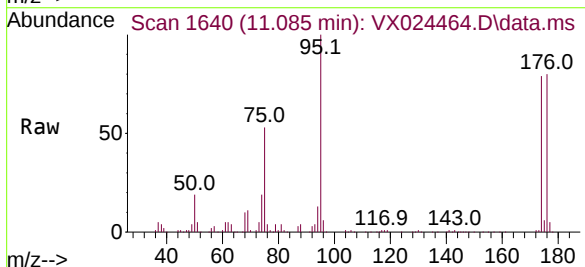
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20210919

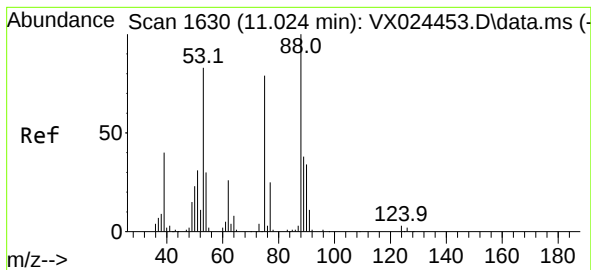
Tgt Ion:152 Resp: 98544
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.120 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024464.D
Acq: 23 Sep 2021 21:12

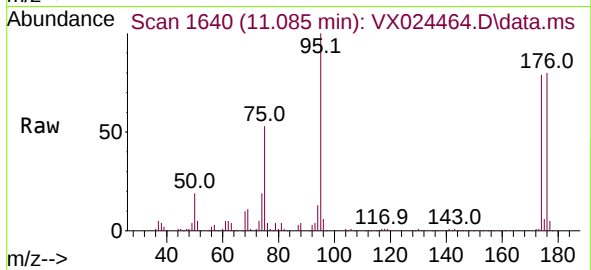
Tgt Ion: 75 Resp: 58453
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.141 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024464.D
 Acq: 23 Sep 2021 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20210919



Tgt Ion: 75 Resp: 58453
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

