

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024470.D
 Acq On : 23 Sep 2021 23:33
 Operator : JC/MD
 Sample : M3833-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20210920DL

Quant Time: Sep 24 07:41:08 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)

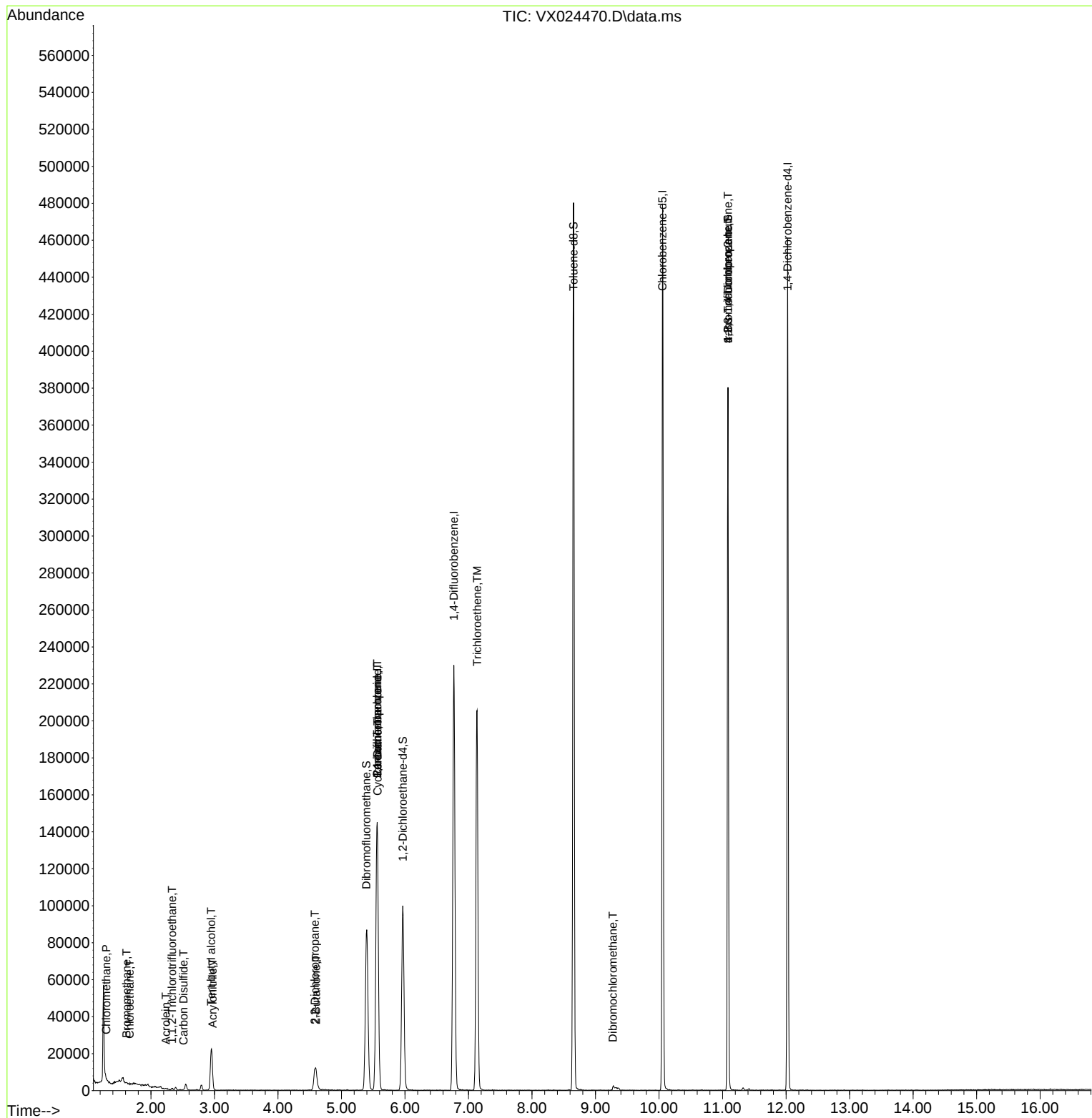
Internal Standards						
1) Pentafluorobenzene	5.562	168	132558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99556	53.289	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.580%			
35) Dibromofluoromethane	5.391	113	75007	49.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	8.653	98	281338	50.431	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.085	95	93731	42.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.460%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	288	0.229	ug/l #	42
5) Bromomethane	1.617	94	212	0.240	ug/l	82
6) Chloroethane	1.666	64	114	0.388	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	409	0.313	ug/l #	74
11) Tert butyl alcohol	2.947	59	13743	20.265	ug/l #	76
13) Acrolein	2.233	56	51	10.542	ug/l #	14
15) Acrylonitrile	2.971	53	253	0.298	ug/l #	18
16) Acetone	2.386	43	1604	Below Cal	#	84
17) Carbon Disulfide	2.514	76	440	0.368	ug/l #	75
20) Methylene Chloride	2.788	84	1295	Below Cal		95
25) 2-Butanone	4.599	43	877	0.682	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	488	0.215	ug/l #	52
31) Cyclohexane	5.568	56	2831	1.265	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	10967	5.014	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14236	5.979	ug/l #	15
44) Trichloroethene	7.135	130	79687	46.307	ug/l	98
60) Dibromochloromethane	9.275	129	250	1.316	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51070	24.598	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51070	67.109	ug/l #	12

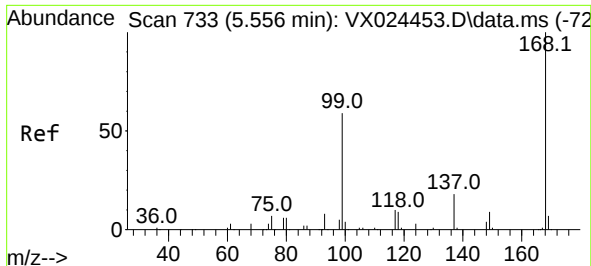
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

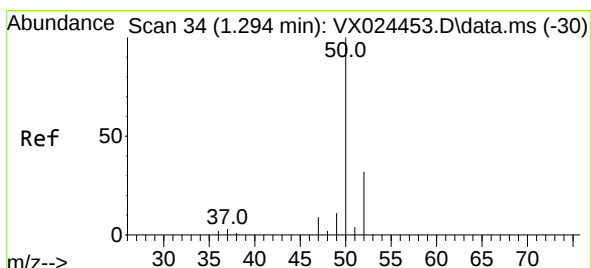
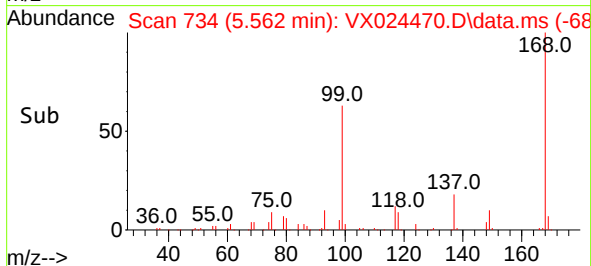
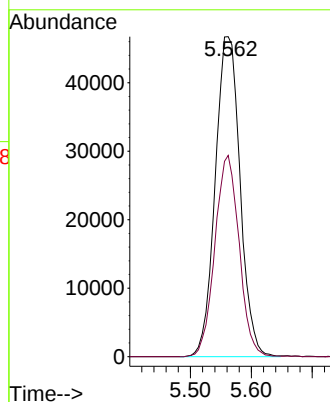
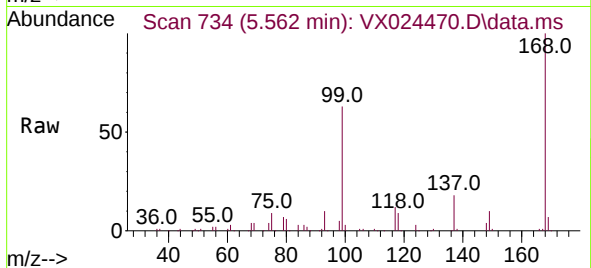




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

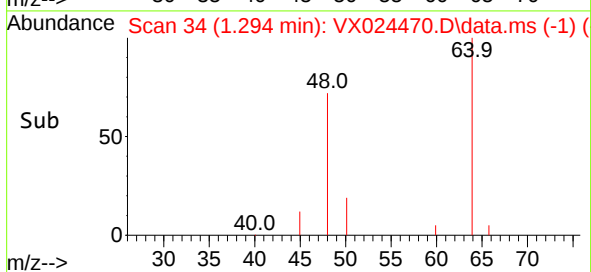
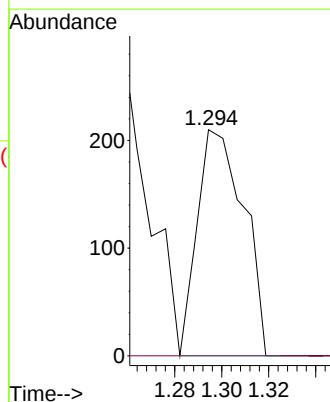
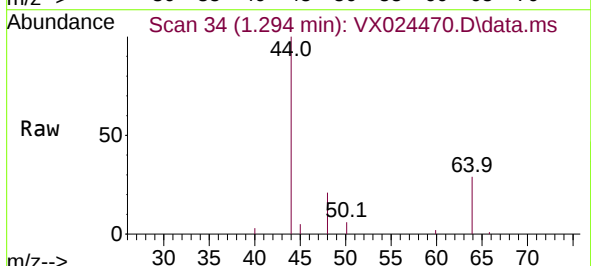
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

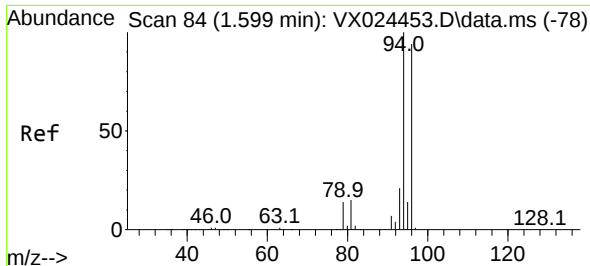
Tgt Ion:168 Resp: 132558
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

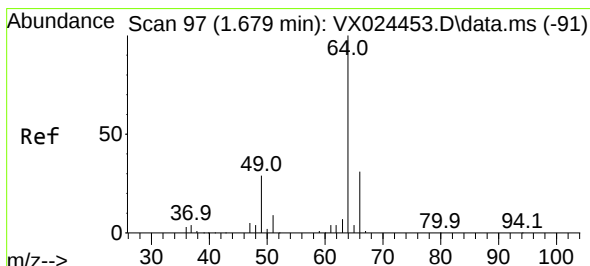
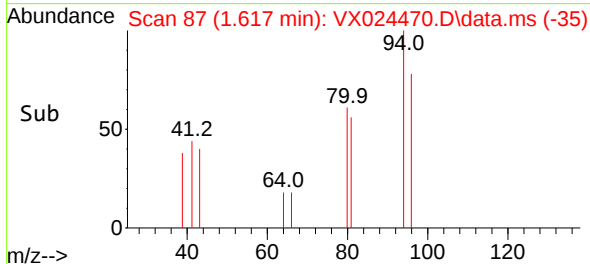
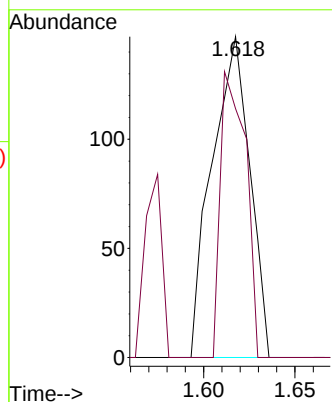
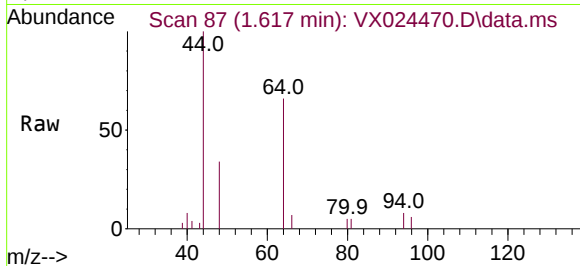




#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

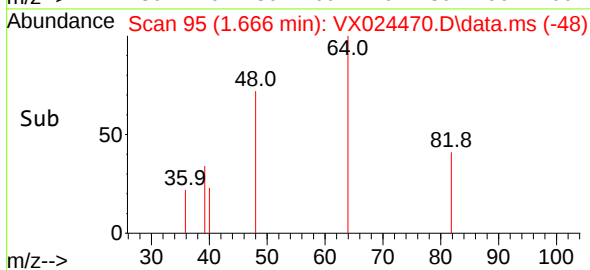
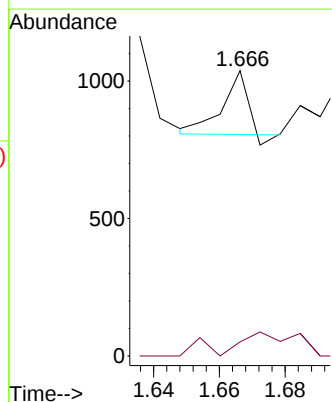
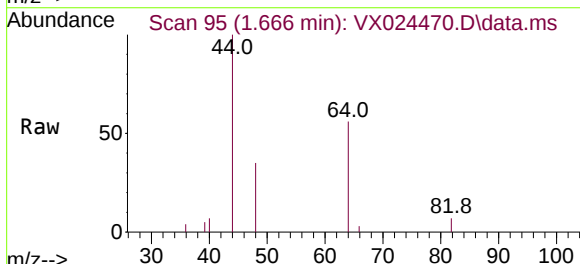
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

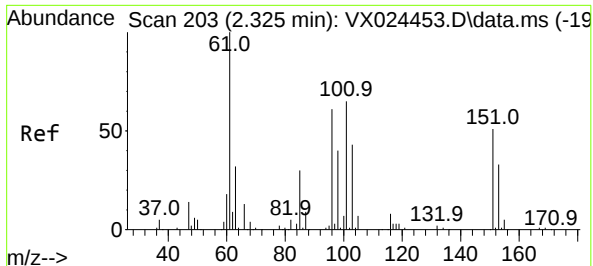
Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 77.6 76.4 114.6



#6
Chloroethane
Concen: 0.388 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 22.2 25.4 38.0#

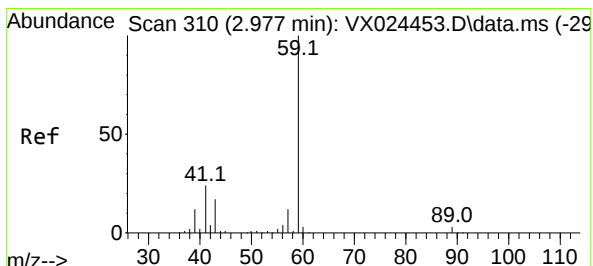
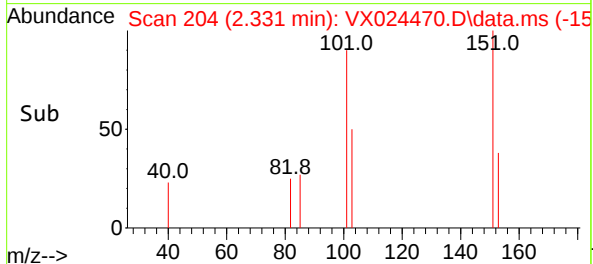
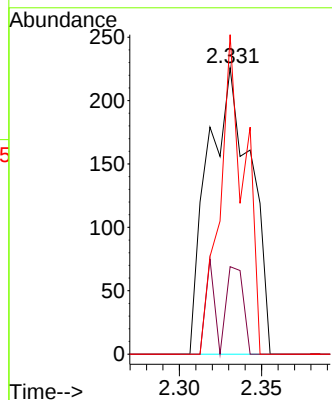
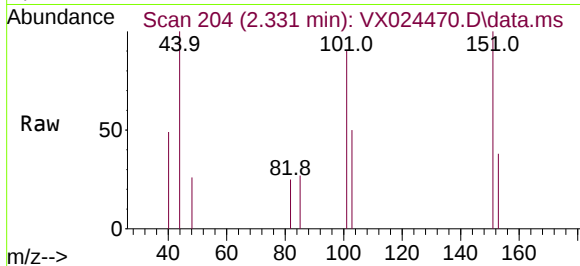




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.313 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

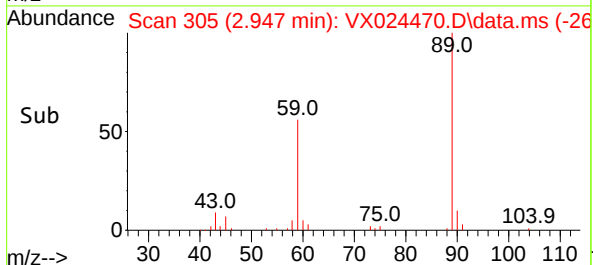
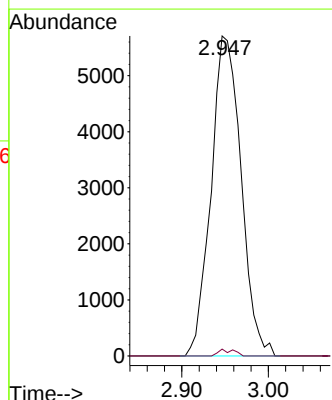
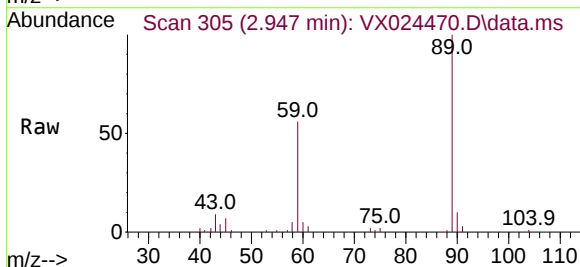
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

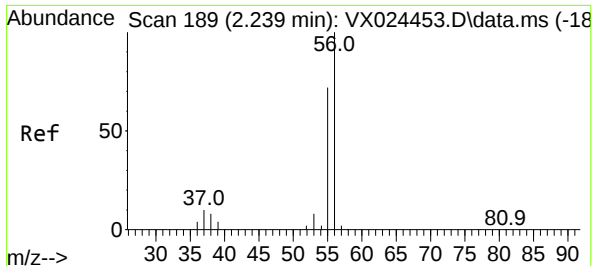
Tgt Ion:101 Resp: 409
Ion Ratio Lower Upper
101 100
85 12.0 34.9 52.3#
151 65.5 61.4 92.2



#11
Tert butyl alcohol
Concen: 20.265 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion: 59 Resp: 13743
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#

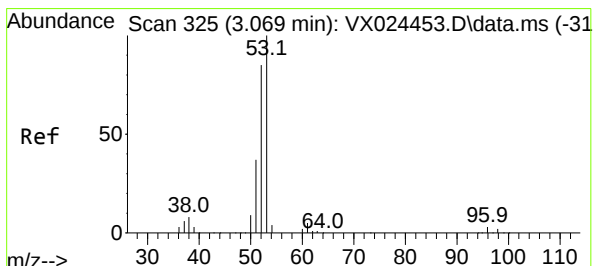
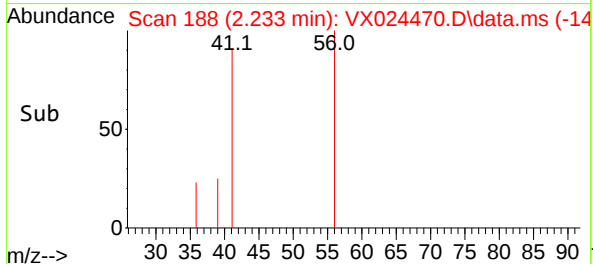
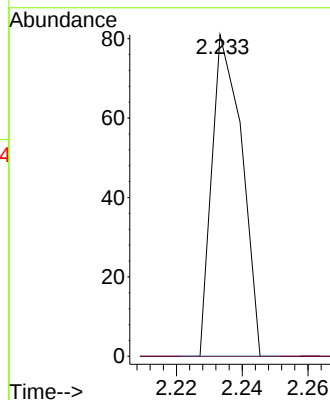
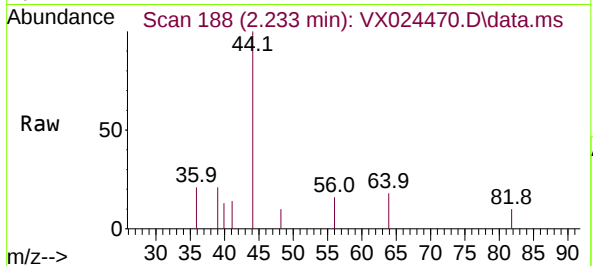




#13
Acrolein
Concen: 10.542 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

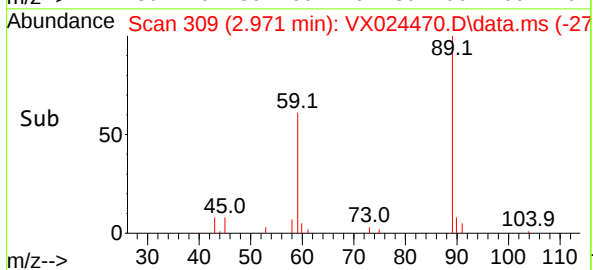
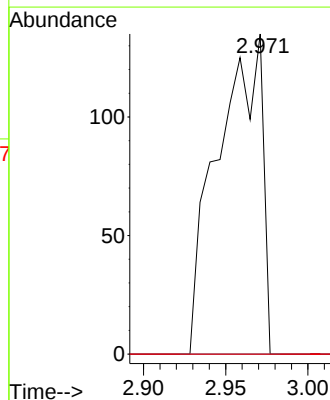
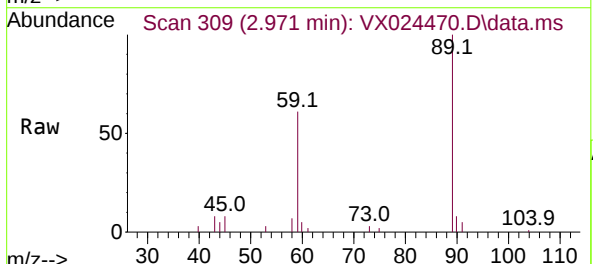
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

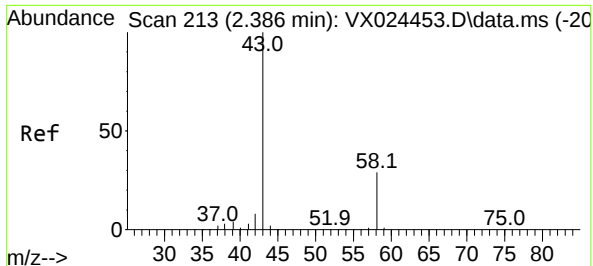
Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.298 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.098 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion: 53 Resp: 253
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#

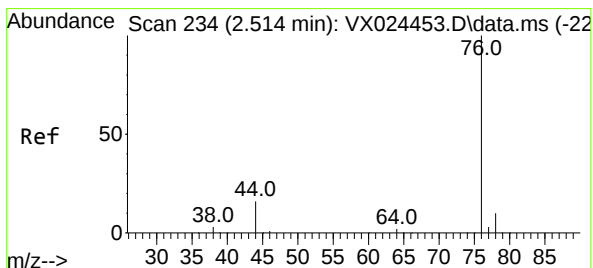
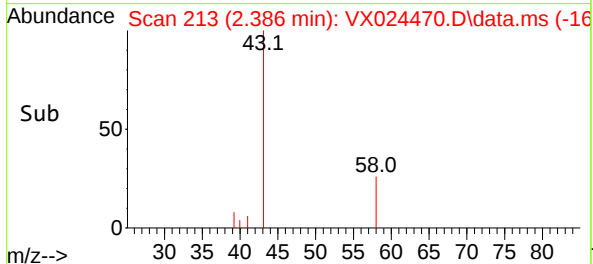
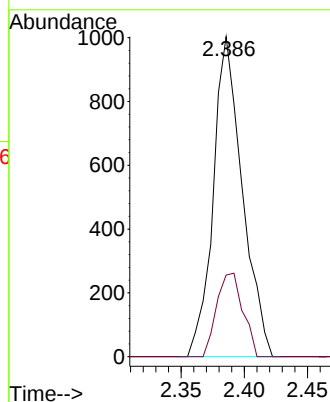
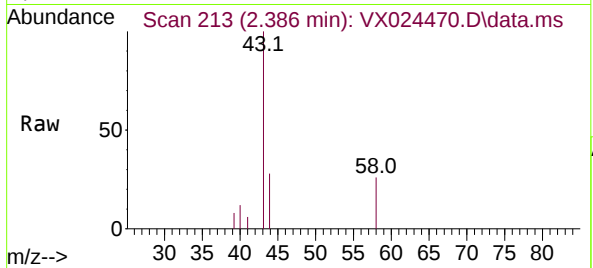




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

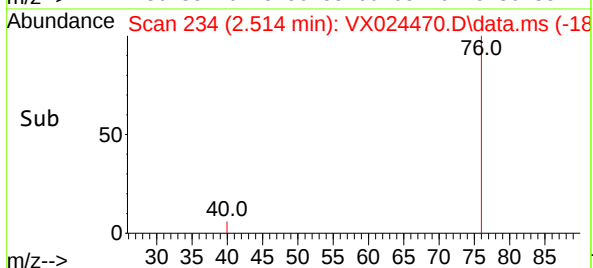
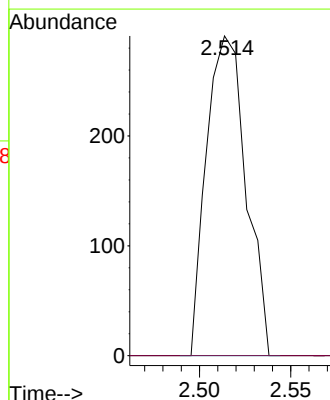
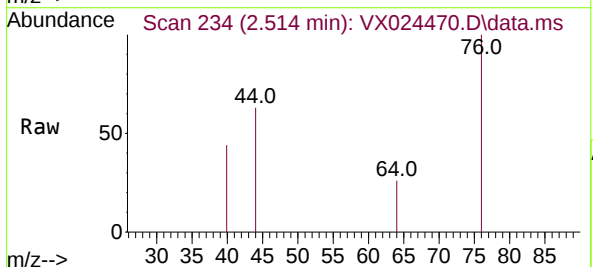
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

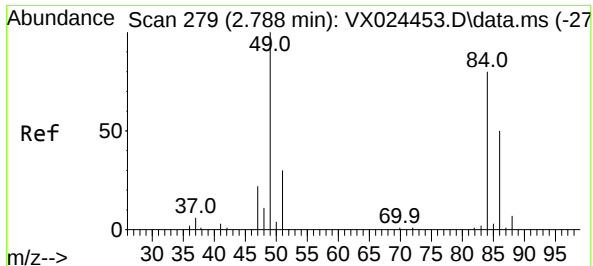
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.368 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion: 76 Resp: 440
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: VX024470.D

Acq: 23 Sep 2021 23:33

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20210920DL

Tgt Ion: 84 Resp: 1295

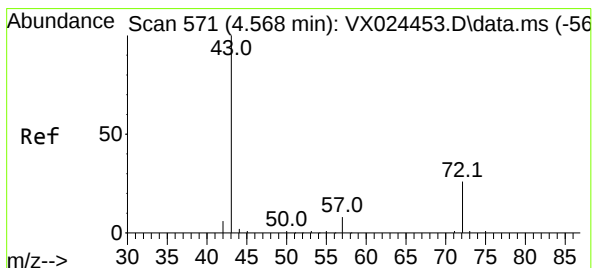
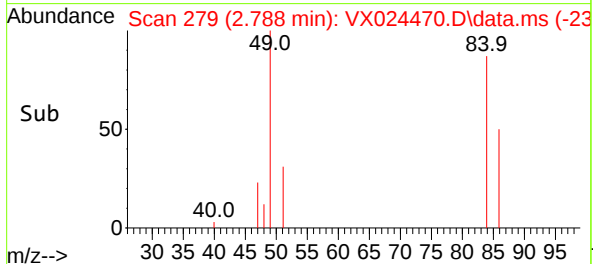
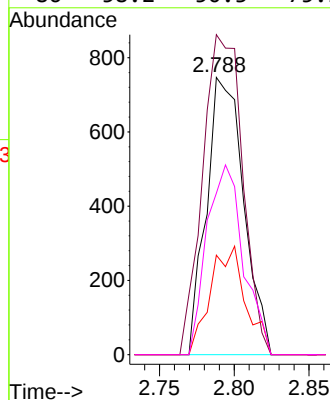
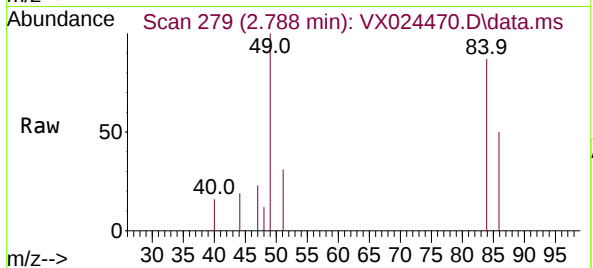
Ion Ratio Lower Upper

84 100

49 115.4 88.6 132.8

51 35.9 27.0 40.6

86 58.2 50.3 75.5



#25

2-Butanone

Concen: 0.682 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX024470.D

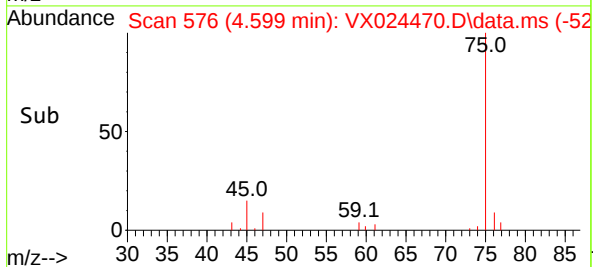
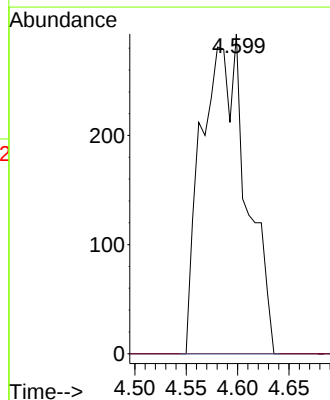
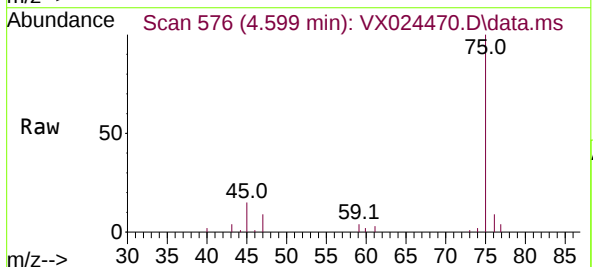
Acq: 23 Sep 2021 23:33

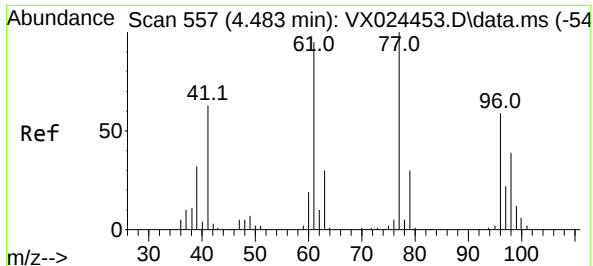
Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.215 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.097 min

Lab File: VX024470.D

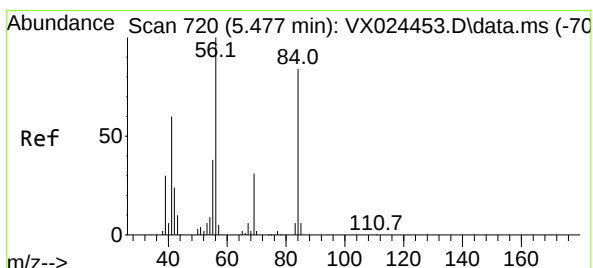
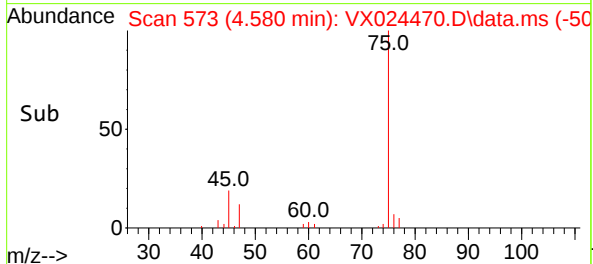
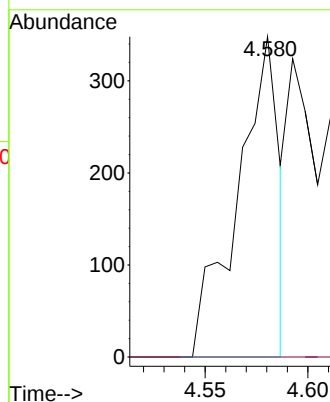
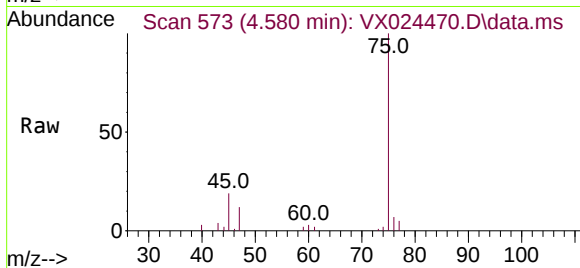
Acq: 23 Sep 2021 23:33

Tgt Ion: 77 Resp: 488

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.265 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024470.D

Acq: 23 Sep 2021 23:33

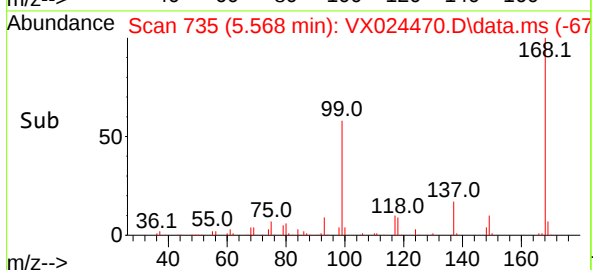
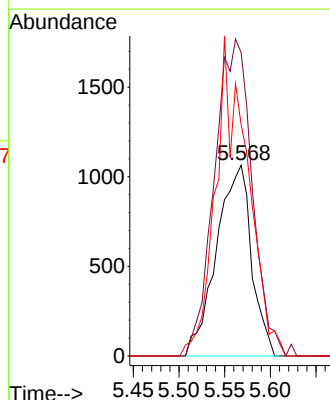
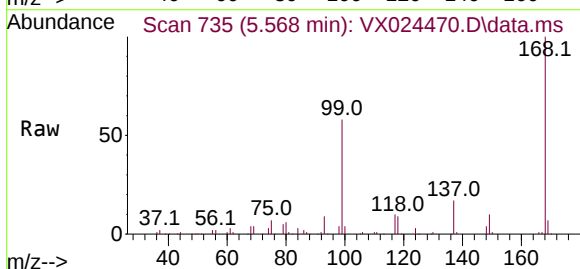
Tgt Ion: 56 Resp: 2831

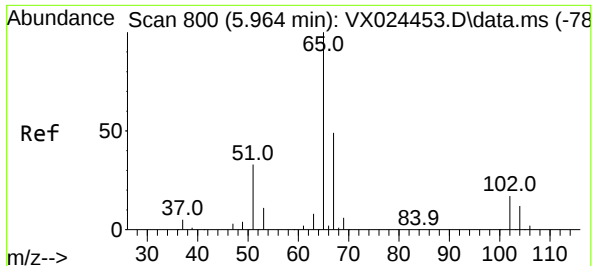
Ion Ratio Lower Upper

56 100

69 159.0 25.3 37.9#

84 121.2 71.4 107.0#



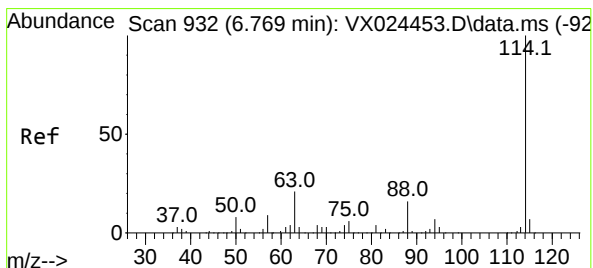
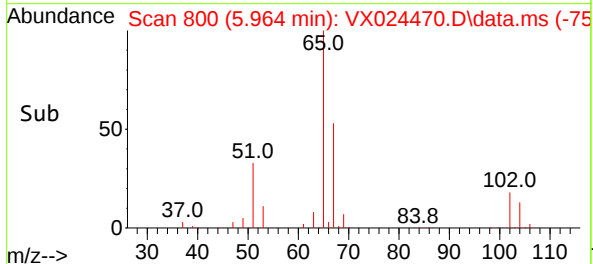
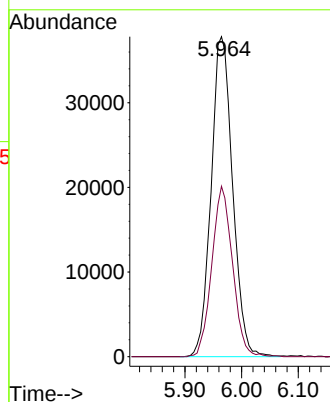
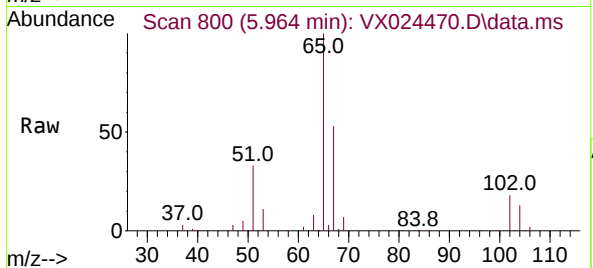


#33

1,2-Dichloroethane-d4
Concen: 53.289 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

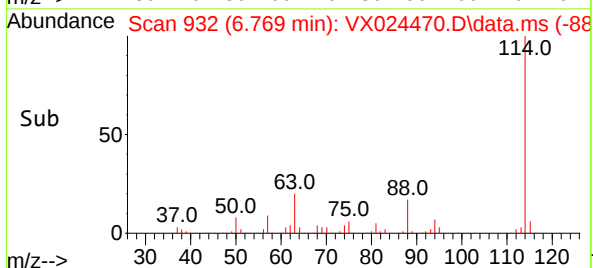
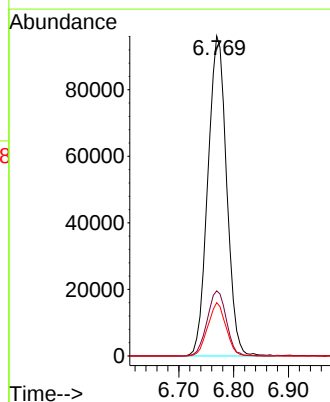
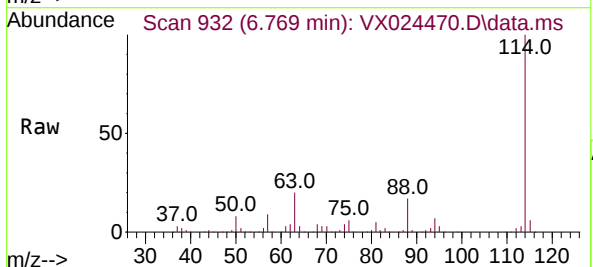
Tgt Ion: 65 Resp: 99556
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

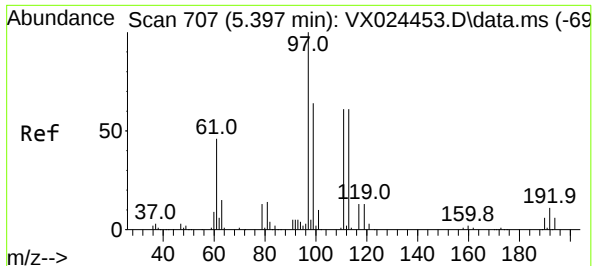


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

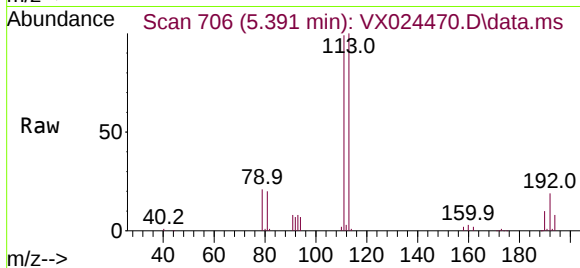
Tgt Ion: 114 Resp: 228160
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.7 0.0 32.8



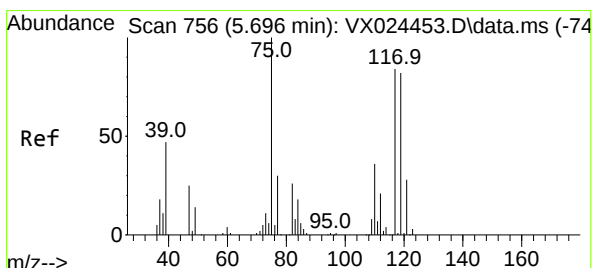
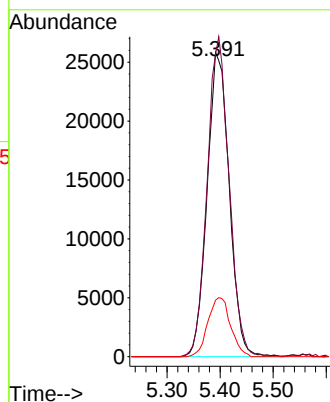
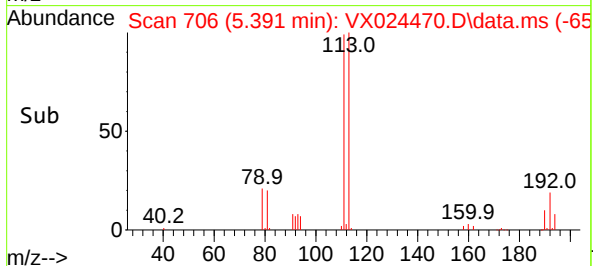


#35
Dibromofluoromethane
Concen: 49.486 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

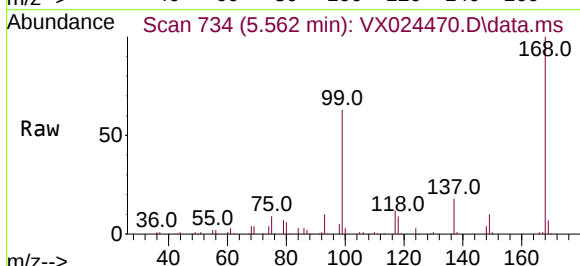
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL



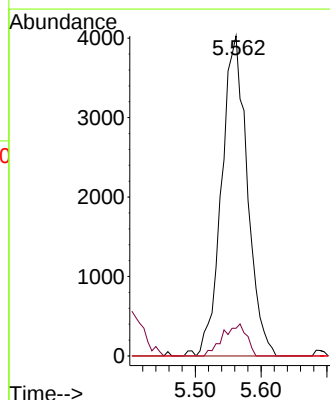
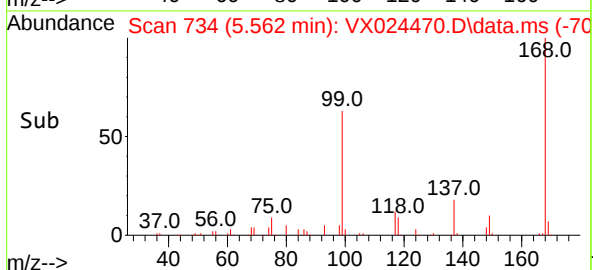
Tgt Ion:113 Resp: 75007
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.8 16.7 25.1

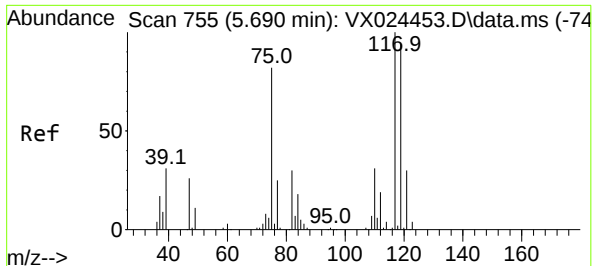


#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33



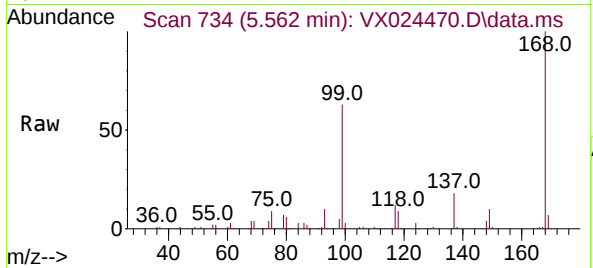
Tgt Ion: 75 Resp: 10967
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



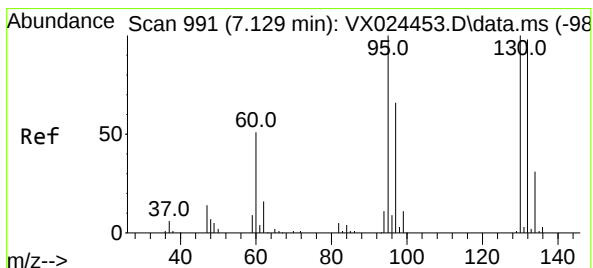
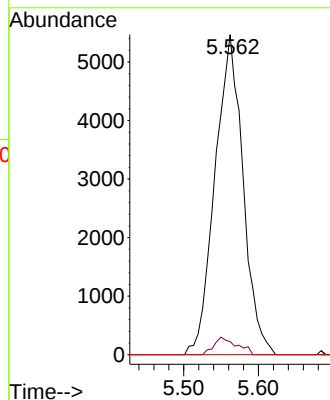
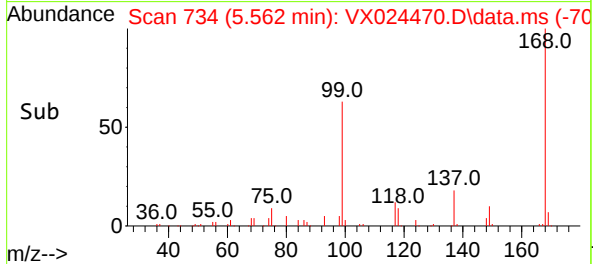


#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

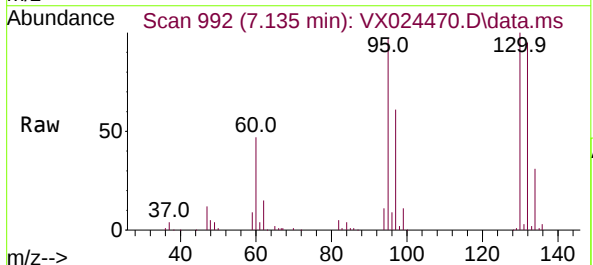
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL



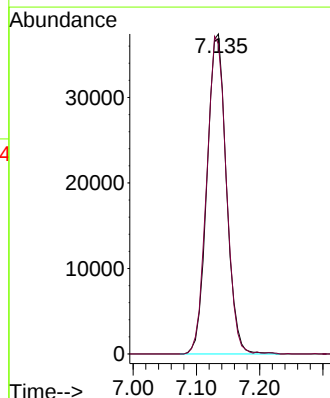
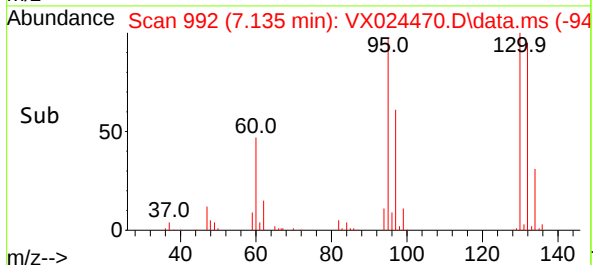
Tgt Ion:117 Resp: 14236
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

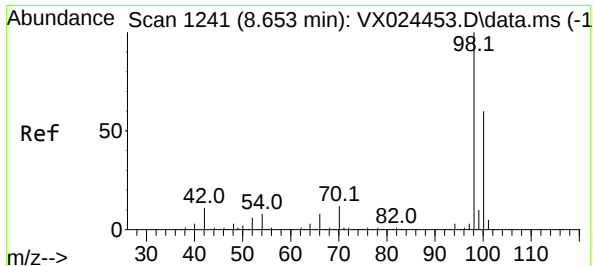


#44
Trichloroethene
Concen: 46.307 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33



Tgt Ion:130 Resp: 79687
Ion Ratio Lower Upper
130 100
95 96.9 0.0 198.0

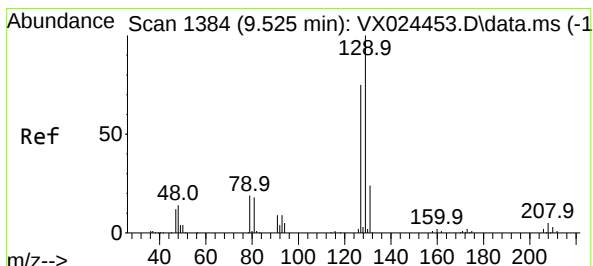
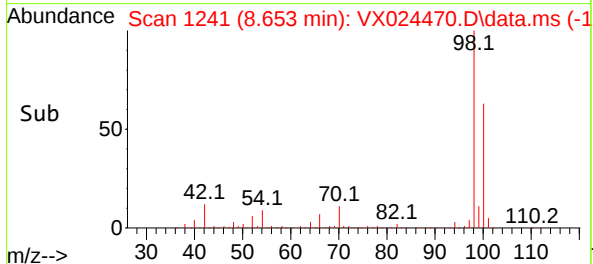
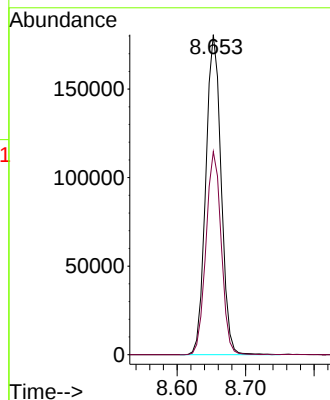
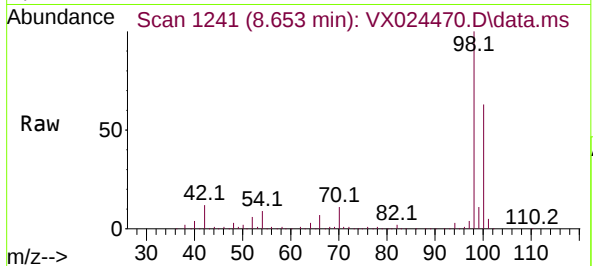




#50
Toluene-d8
Concen: 50.431 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

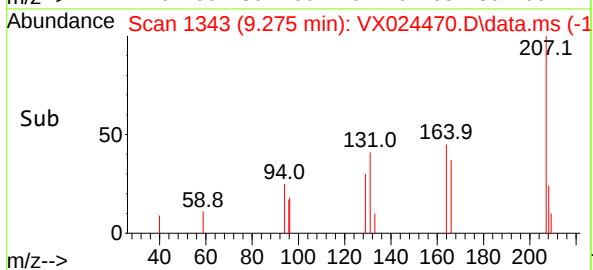
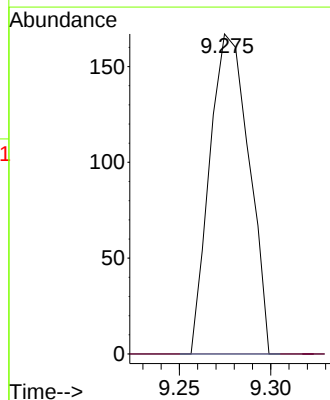
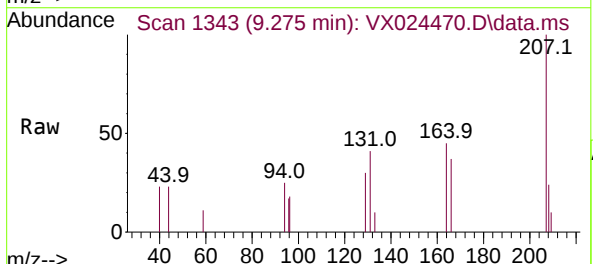
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

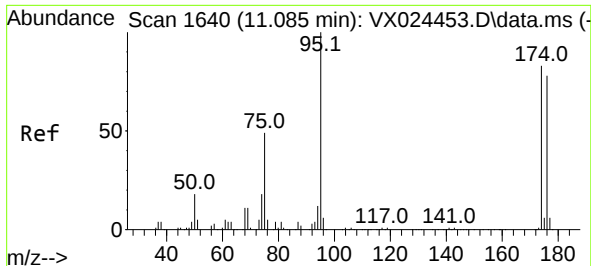
Tgt Ion: 98 Resp: 281338
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#60
Dibromochloromethane
Concen: 1.316 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion:129 Resp: 250
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

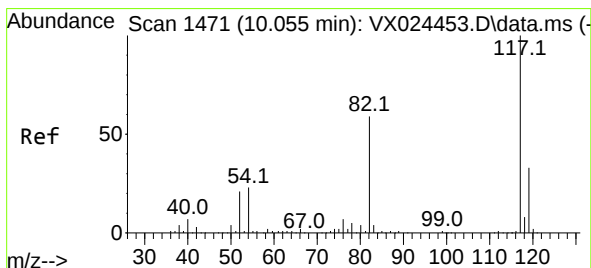
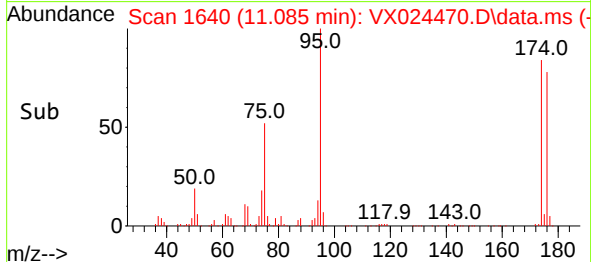
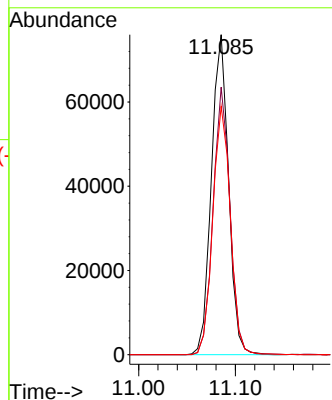
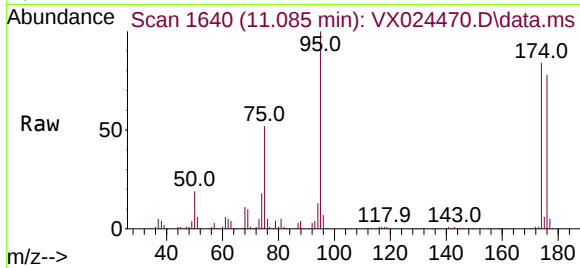




#62
4-Bromofluorobenzene
Concen: 42.733 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

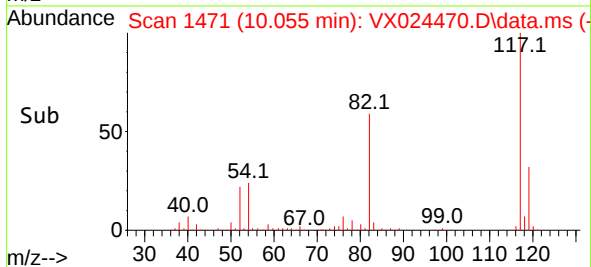
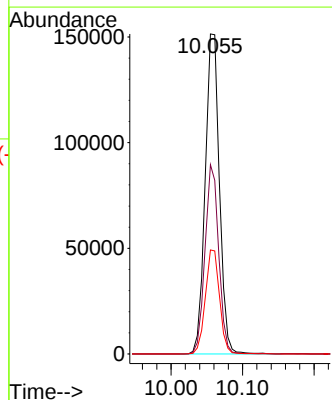
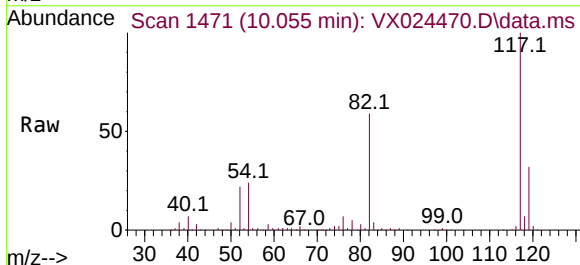
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210920DL

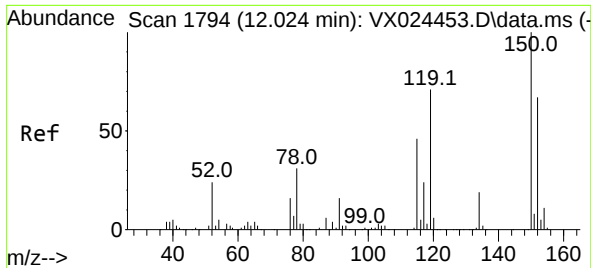
Tgt Ion: 95 Resp: 93731
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024470.D
Acq: 23 Sep 2021 23:33

Tgt Ion: 117 Resp: 209722
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.5 26.6 39.8

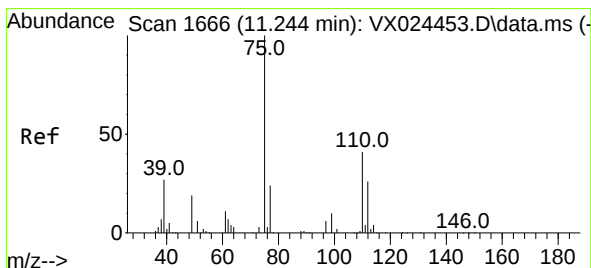
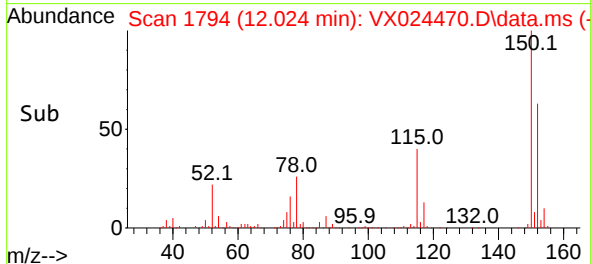
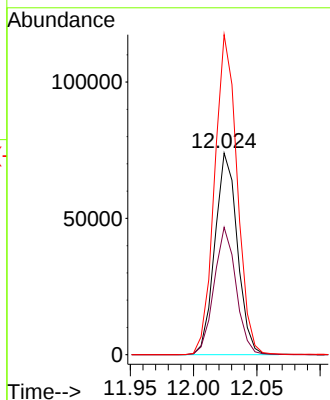
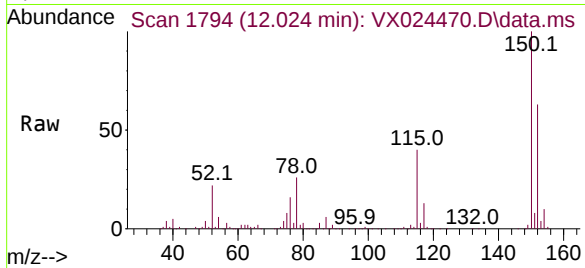




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024470.D
 Acq: 23 Sep 2021 23:33

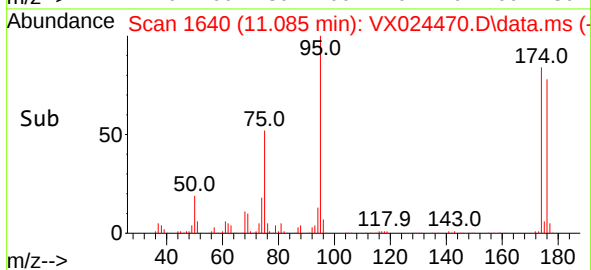
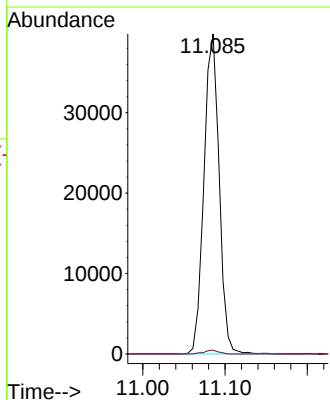
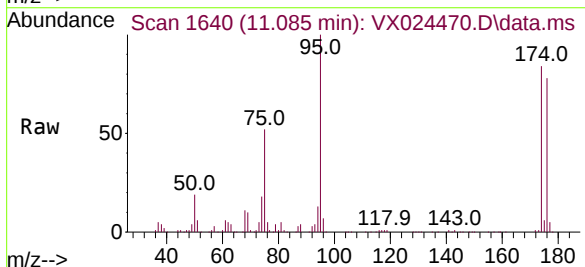
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20210920DL

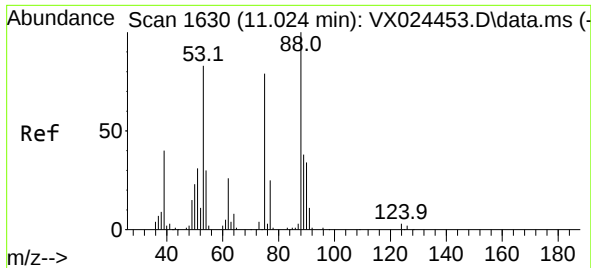
Tgt Ion:152 Resp: 91424
 Ion Ratio Lower Upper
 152 100
 115 61.7 41.1 123.3
 150 159.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.598 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024470.D
 Acq: 23 Sep 2021 23:33

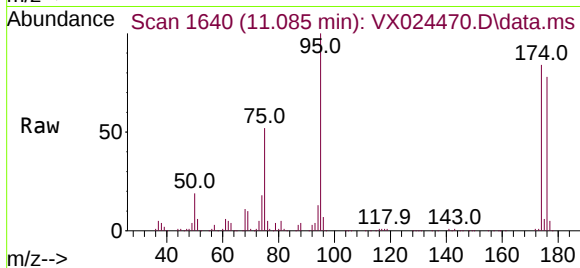
Tgt Ion: 75 Resp: 51070
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.109 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024470.D
 Acq: 23 Sep 2021 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20210920DL



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

