

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022908.D
 Acq On : 25 Jun 2021 07:52
 Operator : JC/MD
 Sample : M2838-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210621

Quant Time: Jun 25 08:28:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

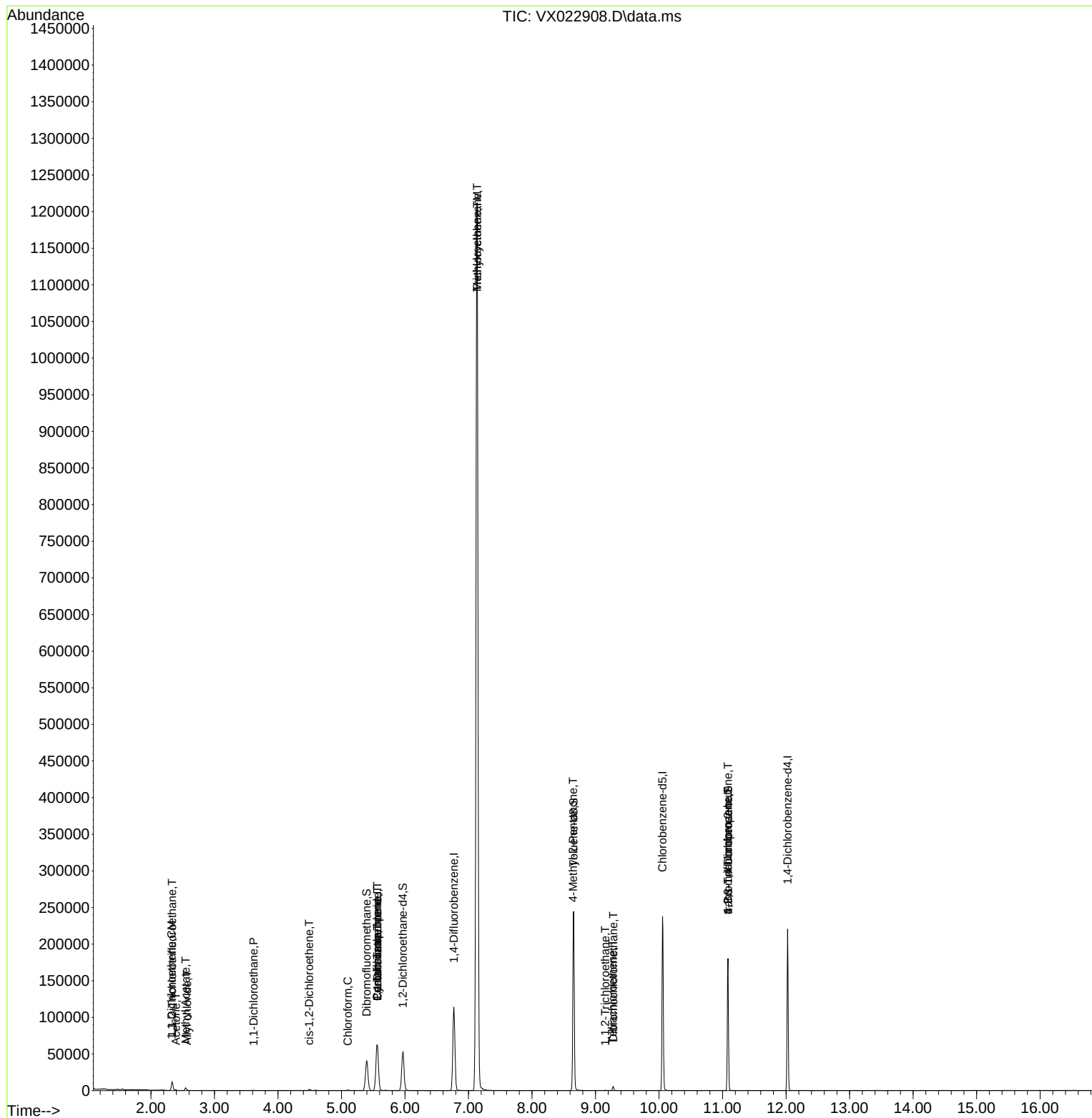
Internal Standards						
1) Pentafluorobenzene	5.562	168	51812	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47547	50.57	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.14%
35) Dibromofluoromethane	5.397	113	33288	48.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.42%
50) Toluene-d8	8.653	98	135665	50.65	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.30%
62) 4-Bromofluorobenzene	11.085	95	47059	47.08	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.16%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	4466	6.63	ug/l	89
12) 1,1-Dichloroethene	2.325	96	483	0.72	ug/l #	44
14) Allyl chloride	2.568	41	352	0.28	ug/l #	1
16) Acetone	2.392	43	1221	2.93	ug/l	100
18) Methyl Acetate	2.544	43	1239	1.21	ug/l #	47
24) 1,1-Dichloroethane	3.617	63	465	0.33	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	921	1.11	ug/l	95
30) Chloroform	5.099	83	758	0.53	ug/l #	60
31) Cyclohexane	5.562	56	1713	1.29	ug/l #	33
36) 1,1-Dichloropropene	5.562	75	5503	4.81	ug/l #	49
38) Carbon Tetrachloride	5.562	117	6007	6.27	ug/l #	14
39) Methylcyclohexane	7.135	83	6141	4.61	ug/l #	1
44) Trichloroethene	7.135	130	417474	534.10	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	770	0.58	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	212	0.27	ug/l #	66
60) Dibromochloromethane	9.281	129	879	4.69	ug/l #	11
64) Tetrachloroethene	9.268	164	966	1.38	ug/l #	55
76) 1,2,3-Trichloropropane	11.085	75	26111	26.30	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	26111	68.29	ug/l #	12

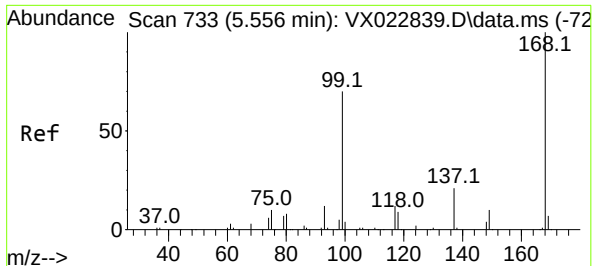
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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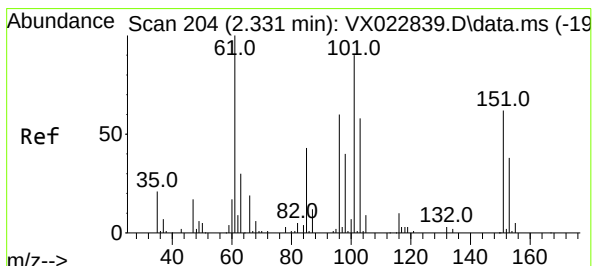
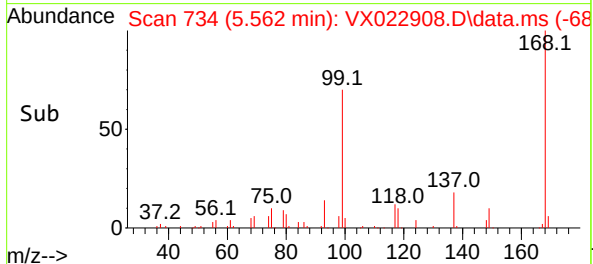
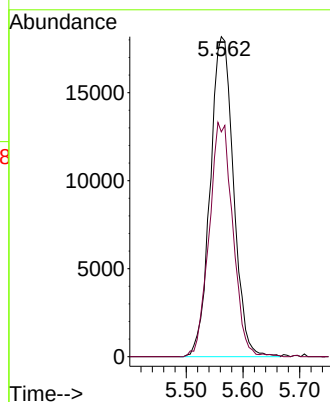
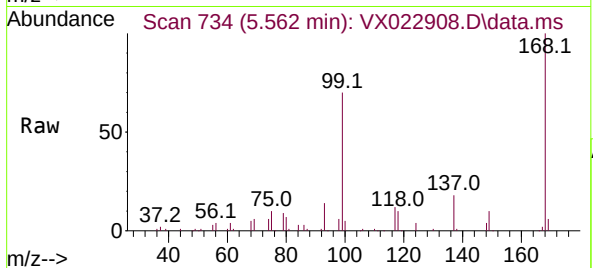




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

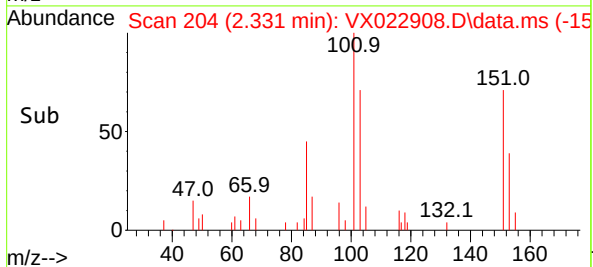
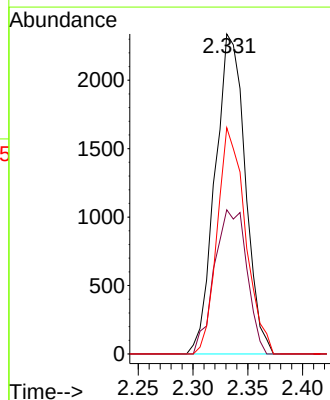
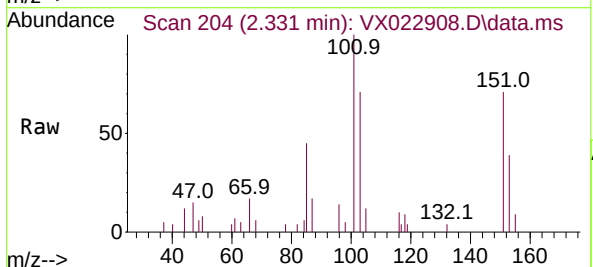
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

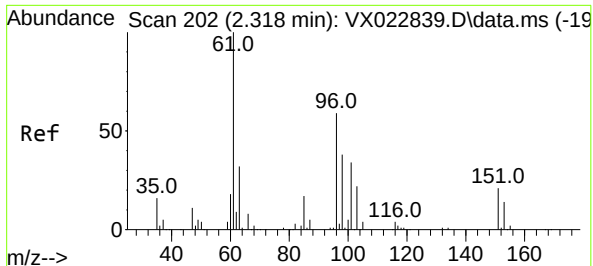
Tgt Ion:168 Resp: 51812
Ion Ratio Lower Upper
168 100
99 70.2 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.63 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion:101 Resp: 4466
Ion Ratio Lower Upper
101 100
85 48.5 34.9 52.3
151 66.2 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.72 ug/l

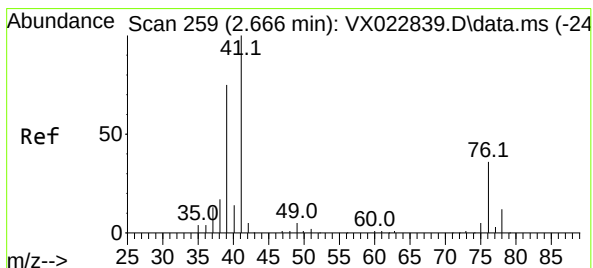
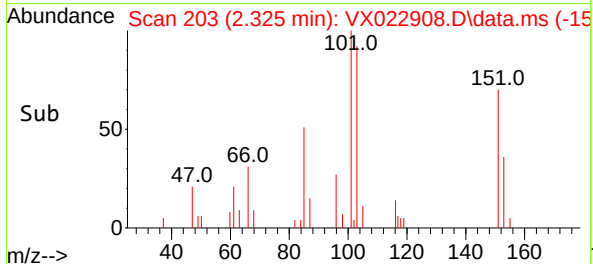
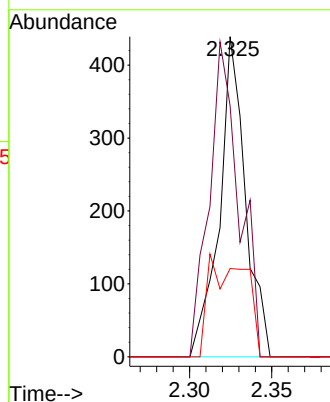
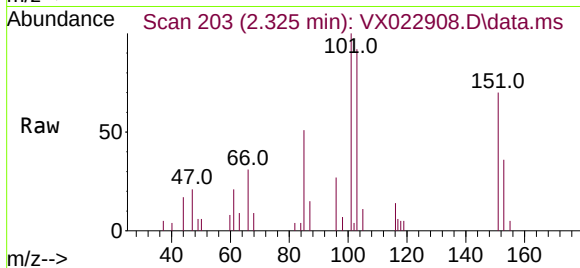
RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

Tgt Ion: 96	Resp: 483
Ion Ratio	Lower Upper
96	100
61	78.4 124.6 187.0#
98	27.6 50.6 76.0#



#14

Allyl chloride

Concen: 0.28 ug/l

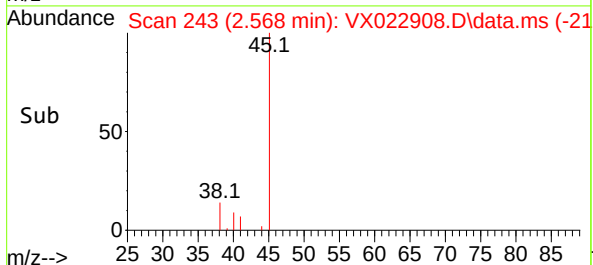
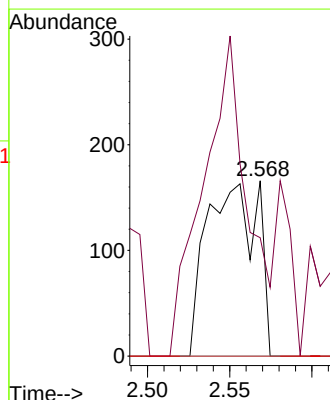
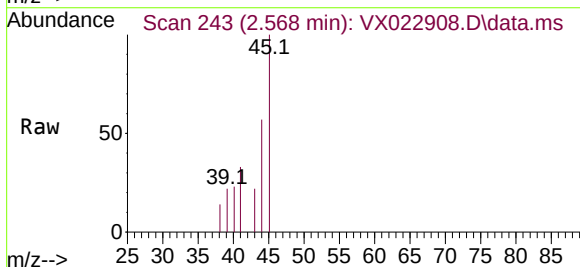
RT: 2.568 min Scan# 243

Delta R.T. -0.098 min

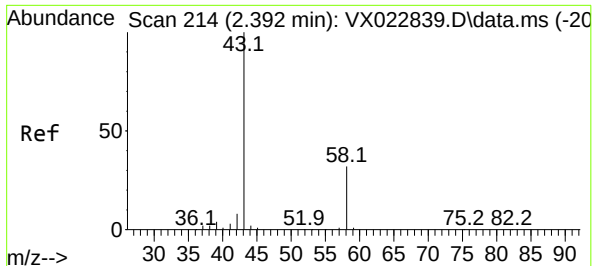
Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

Tgt Ion: 41	Resp: 352
Ion Ratio	Lower Upper
41	100
39	160.5 51.6 77.4#
76	0.0 30.5 45.7#



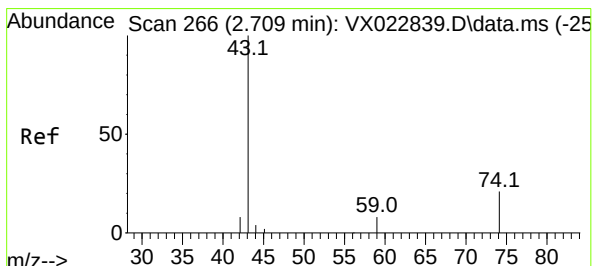
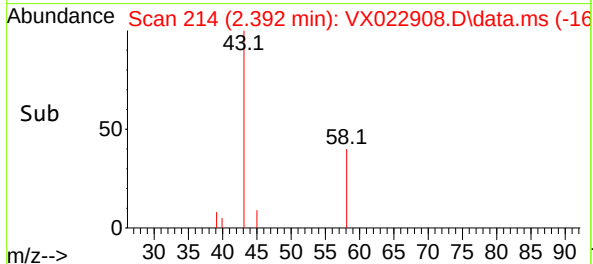
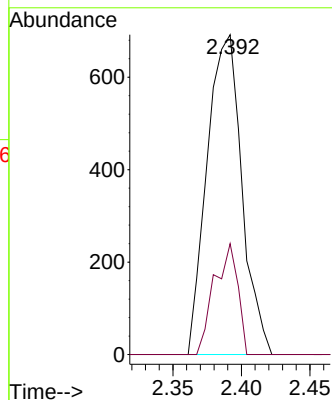
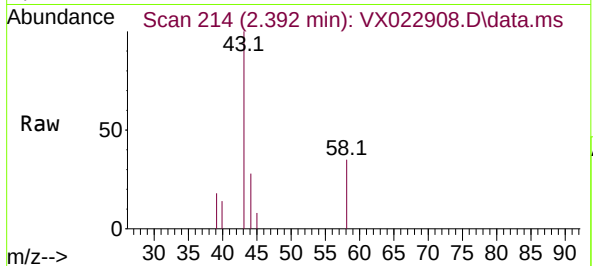
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621



#16
Acetone
Concen: 2.93 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

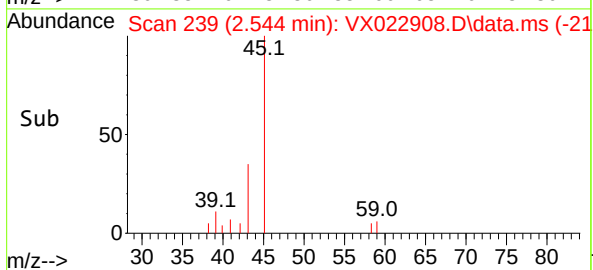
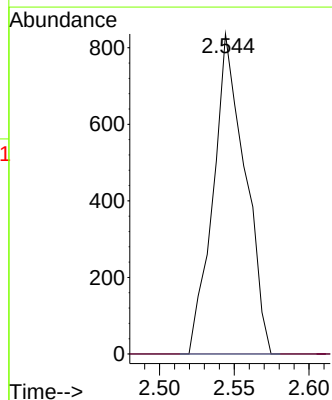
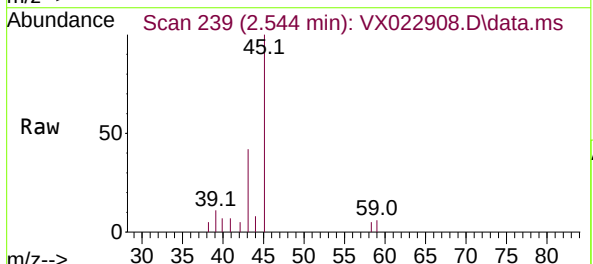
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

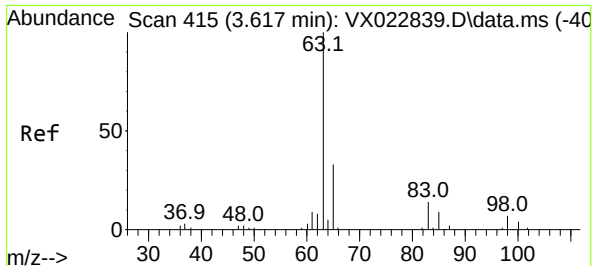
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#18
Methyl Acetate
Concen: 1.21 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#24

1,1-Dichloroethane

Concen: 0.33 ug/l

RT: 3.617 min Scan# 415

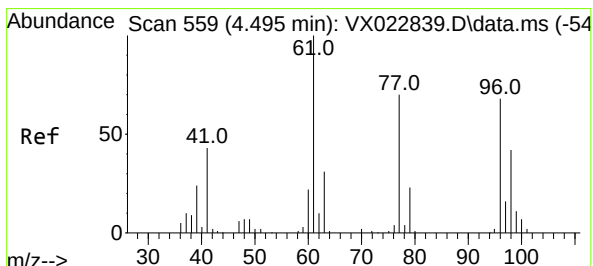
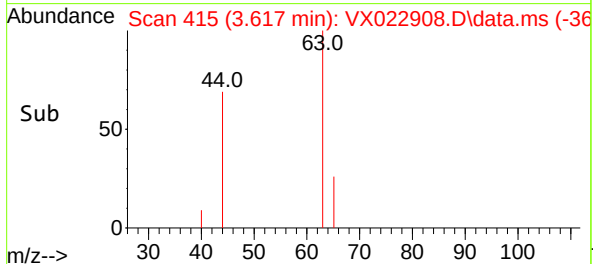
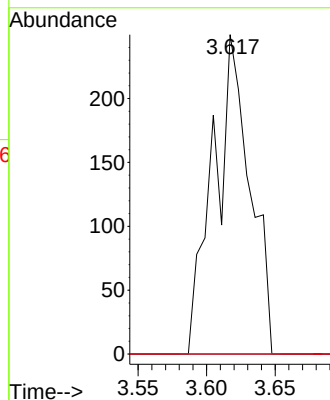
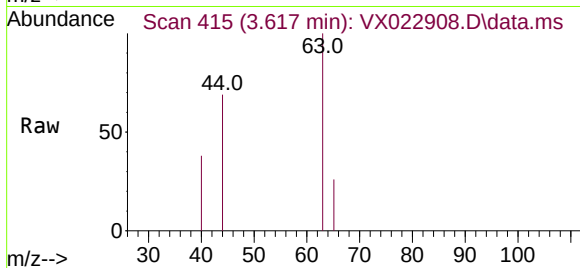
Delta R.T. 0.000 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

Tgt Ion:	63	Resp:	465
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621



#27

cis-1,2-Dichloroethene

Concen: 1.11 ug/l

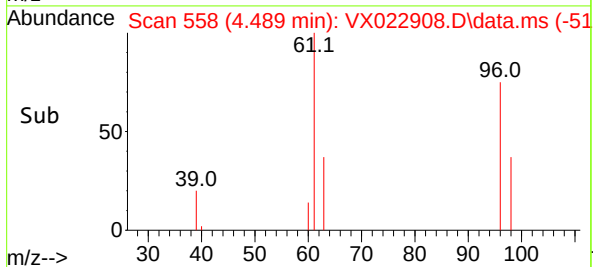
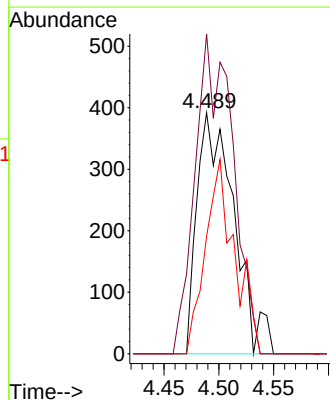
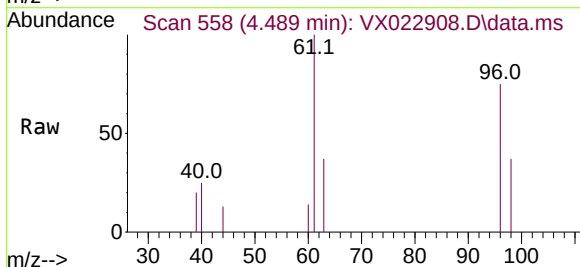
RT: 4.489 min Scan# 558

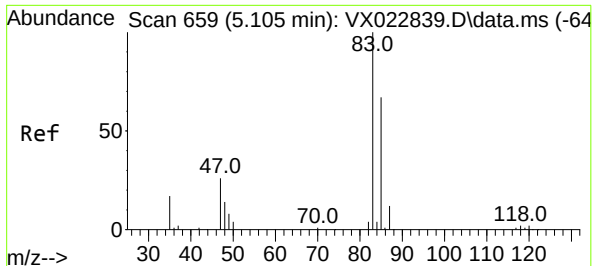
Delta R.T. -0.006 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

Tgt Ion:	96	Resp:	921
Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	285.6
98	63.5	0.0	129.6





#30

Chloroform

Concen: 0.53 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX022908.D

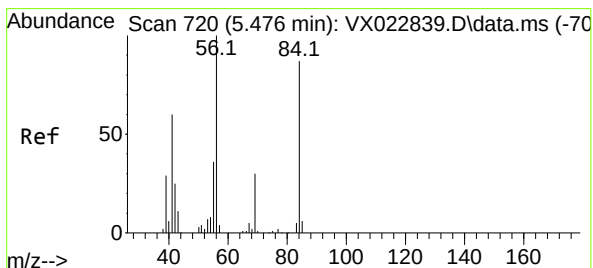
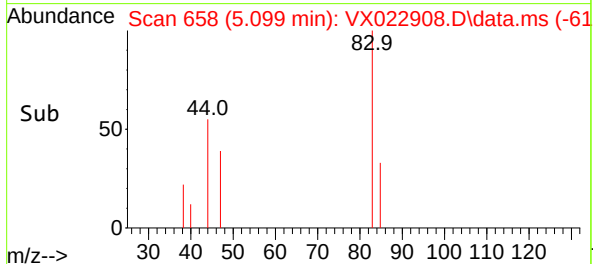
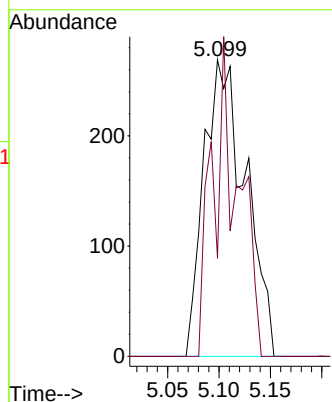
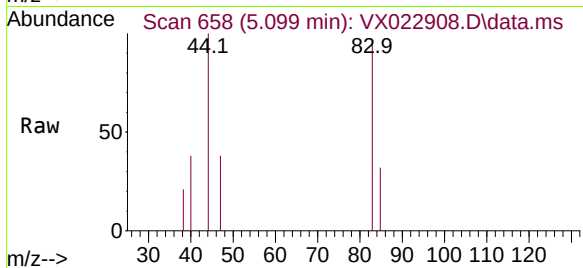
Acq: 25 Jun 2021 07:52

Tgt Ion: 83 Resp: 758

Ion Ratio Lower Upper

83 100

85 33.1 52.0 78.0#



#31

Cyclohexane

Concen: 1.29 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

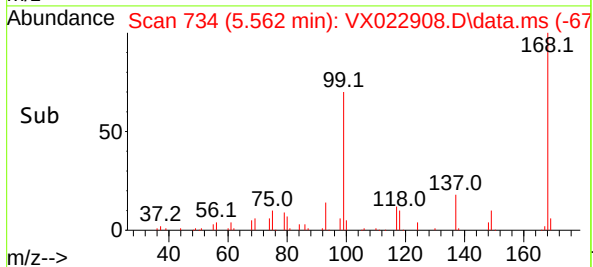
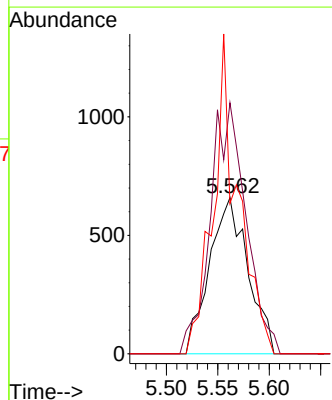
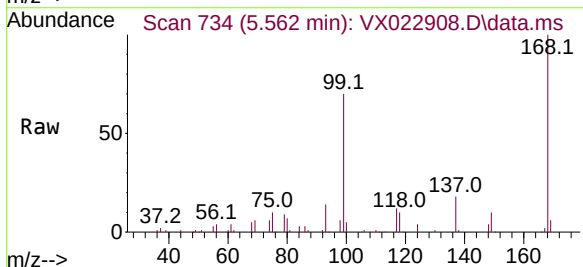
Tgt Ion: 56 Resp: 1713

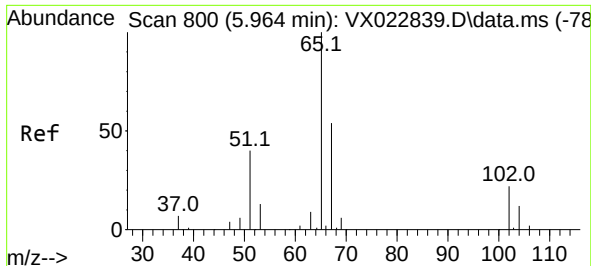
Ion Ratio Lower Upper

56 100

69 160.8 25.3 37.9#

84 96.4 71.4 107.0

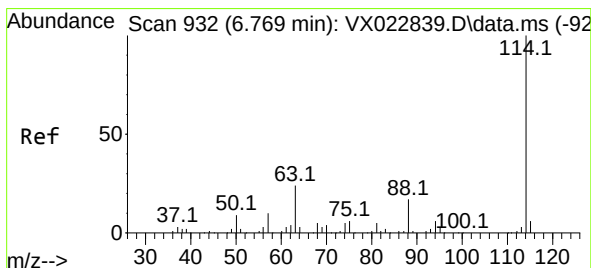
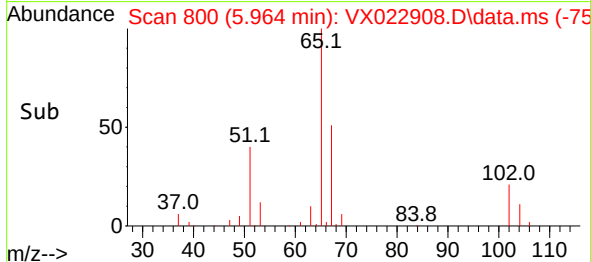
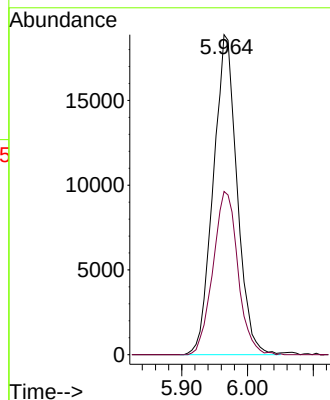
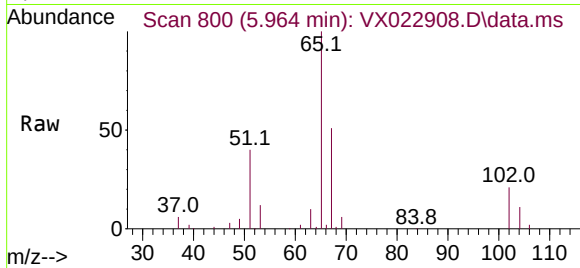




#33
1,2-Dichloroethane-d4
Concen: 50.57 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

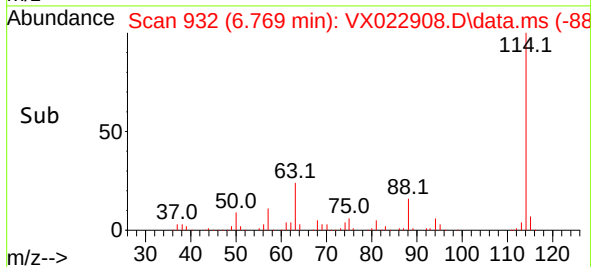
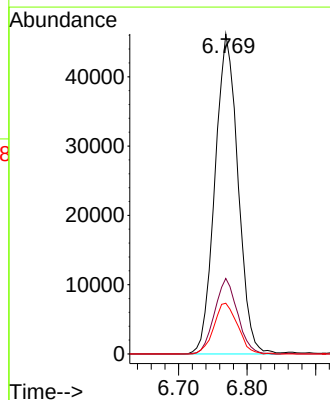
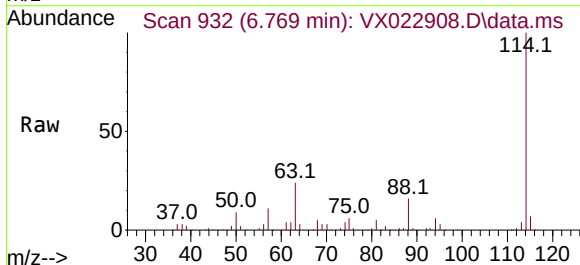
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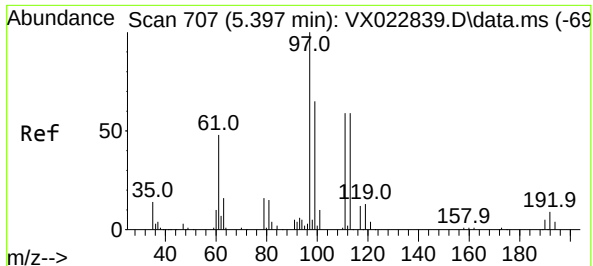
Tgt Ion: 65 Resp: 47547
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 114 Resp: 107613
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.71 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

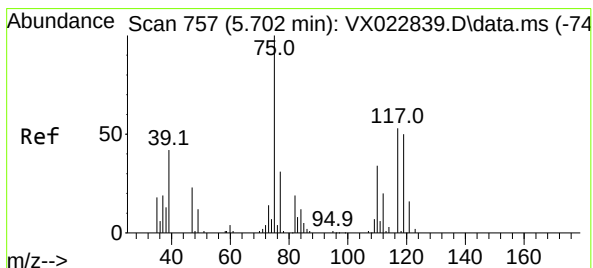
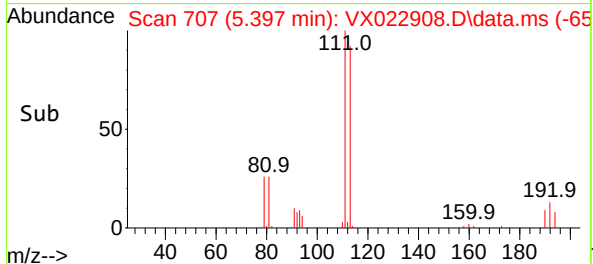
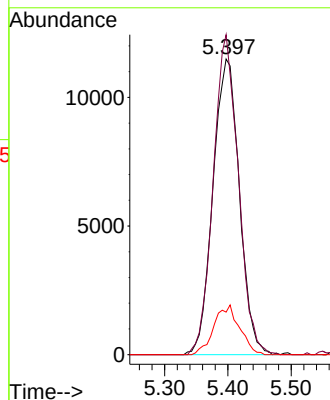
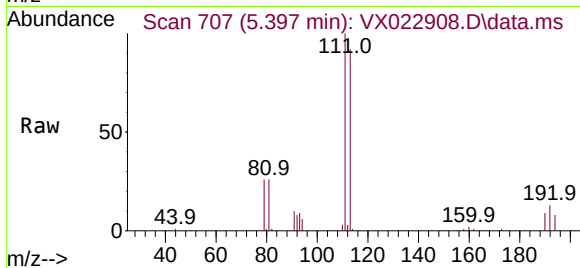
Tgt Ion:113 Resp: 33288

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 16.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.81 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

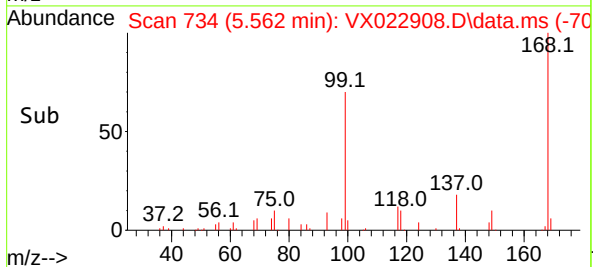
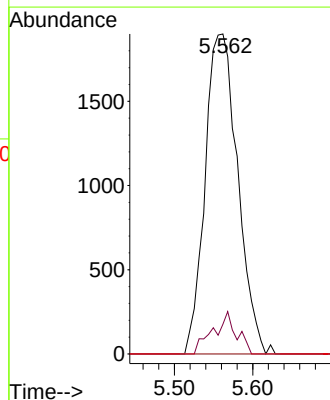
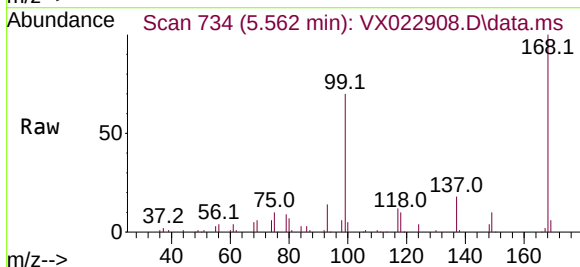
Tgt Ion: 75 Resp: 5503

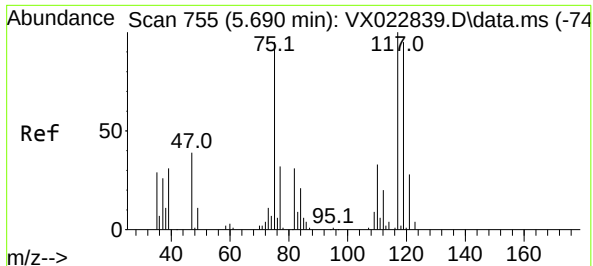
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

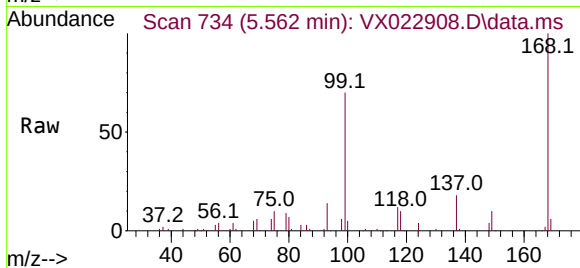
77 0.0 25.3 37.9#



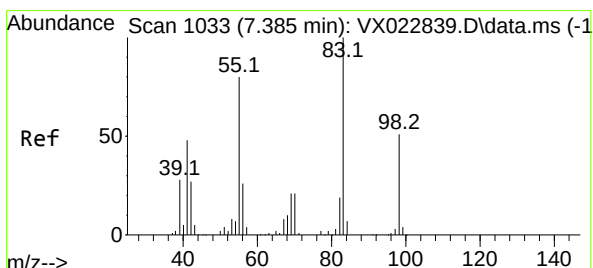
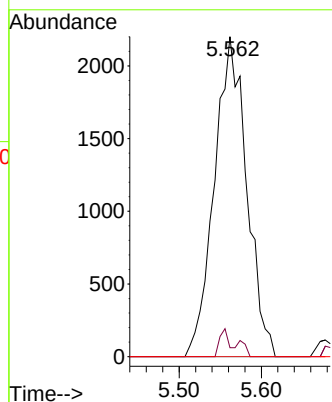
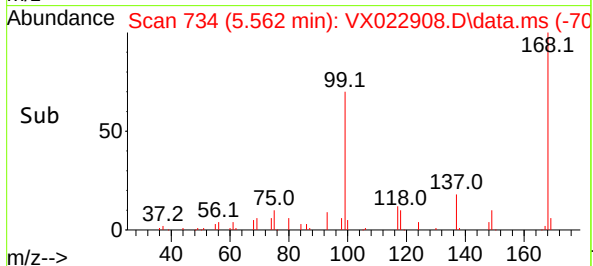


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

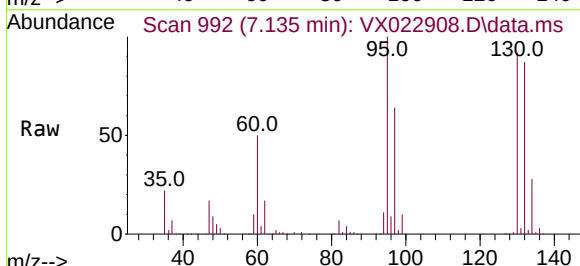
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621



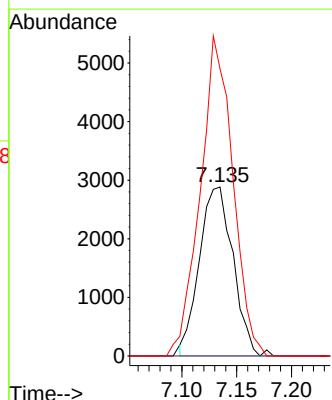
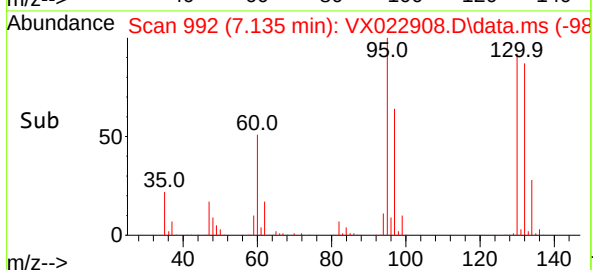
Tgt Ion:117 Resp: 6007
Ion Ratio Lower Upper
117 100
119 2.8 76.2 114.2#
121 0.0 24.8 37.2#

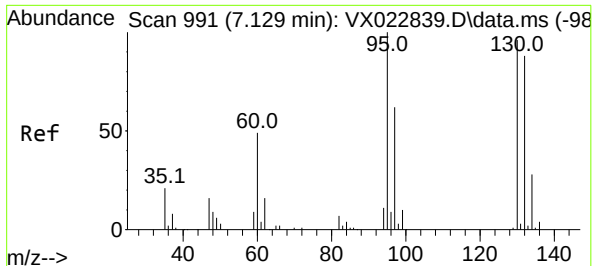


#39
Methylcyclohexane
Concen: 4.61 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52



Tgt Ion: 83 Resp: 6141
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 169.9 38.1 57.1#

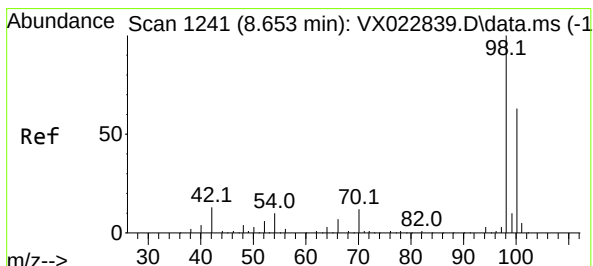
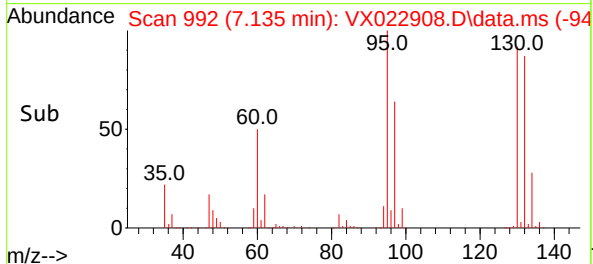
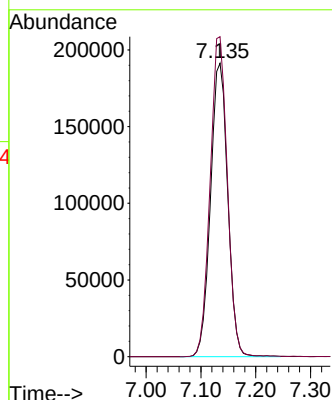
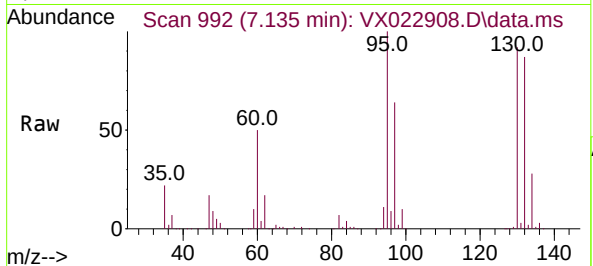




#44
Trichloroethene
Concen: 534.10 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

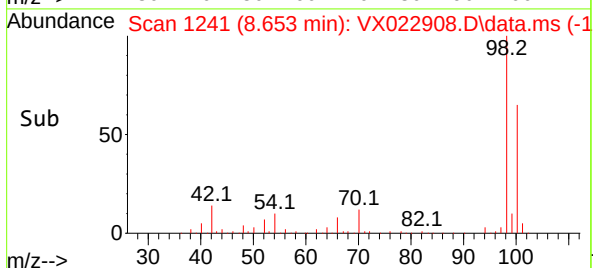
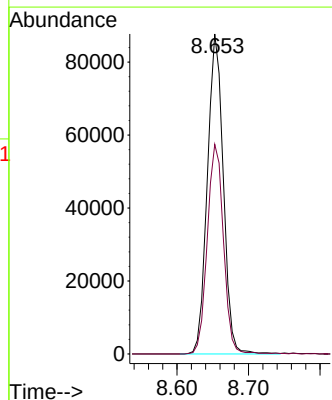
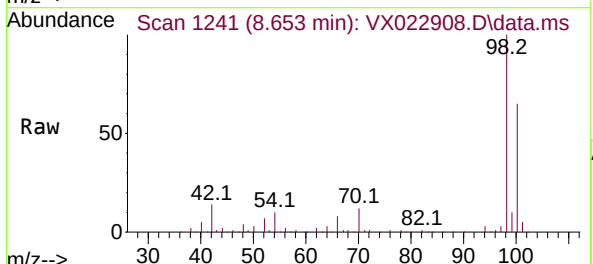
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

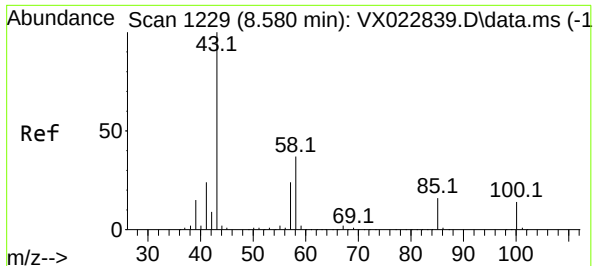
Tgt Ion:130 Resp: 417474
Ion Ratio Lower Upper
130 100
95 109.1 0.0 198.0



#50
Toluene-d8
Concen: 50.65 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 98 Resp: 135665
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

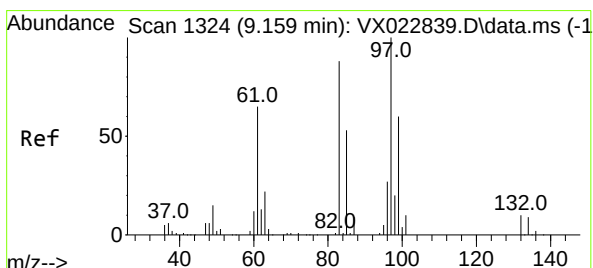
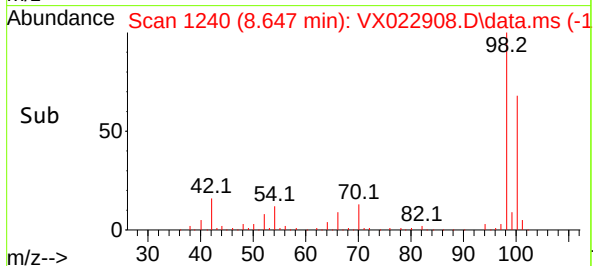
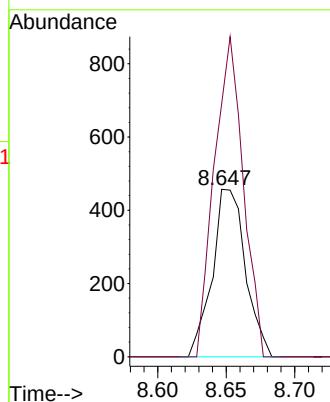
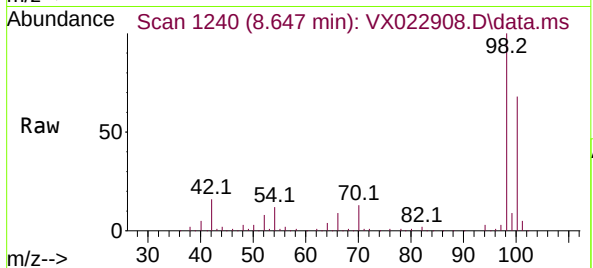




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

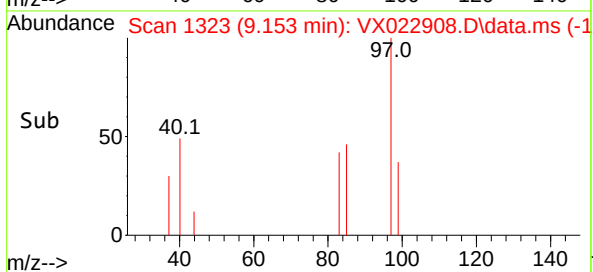
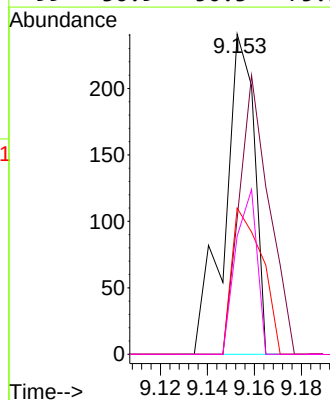
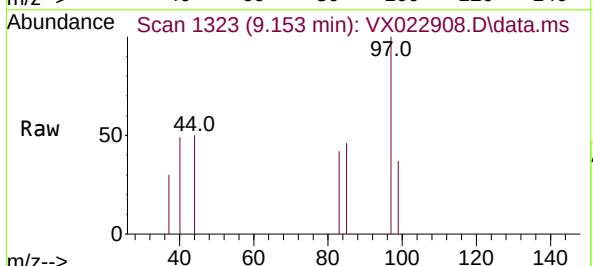
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

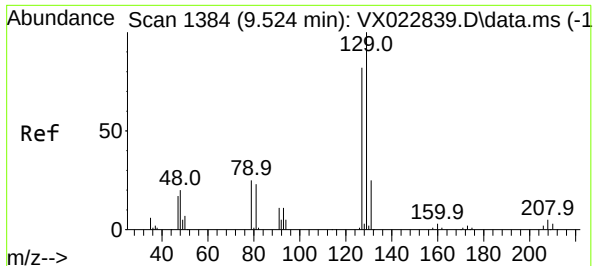
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 166.9 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.27 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 97 Resp: 212
Ion Ratio Lower Upper
97 100
83 42.3 69.3 103.9#
85 45.6 44.3 66.5
99 36.9 50.3 75.5#

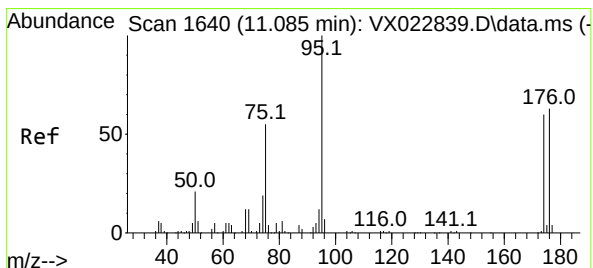
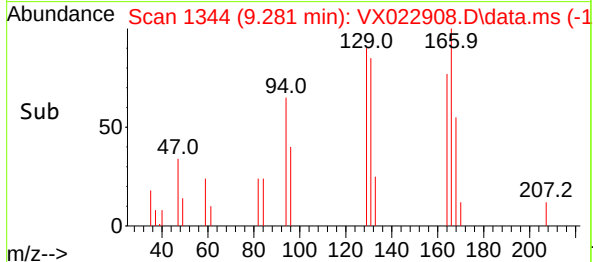
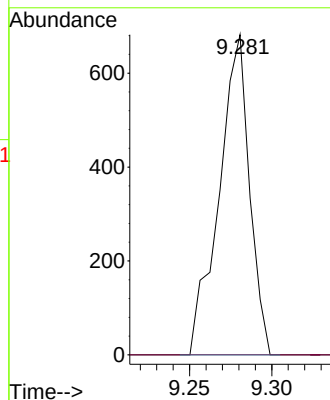
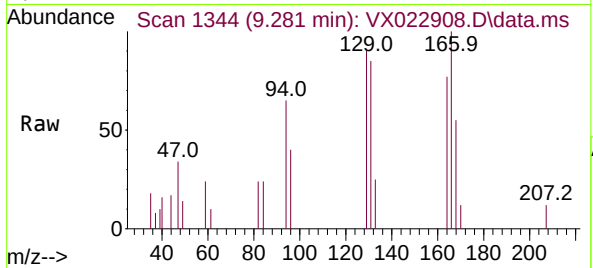




#60
Dibromochloromethane
Concen: 4.69 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

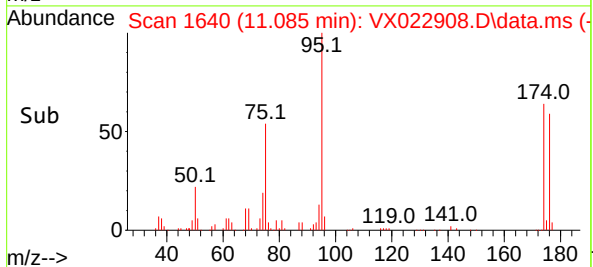
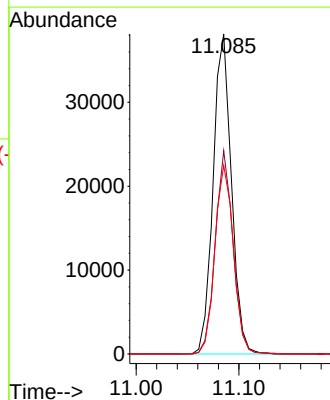
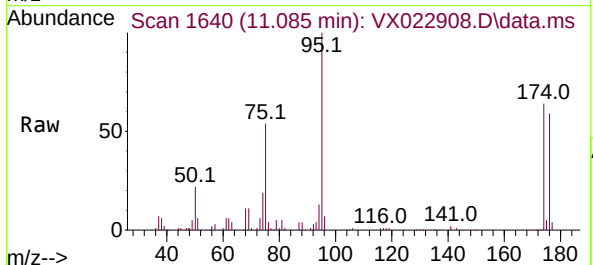
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

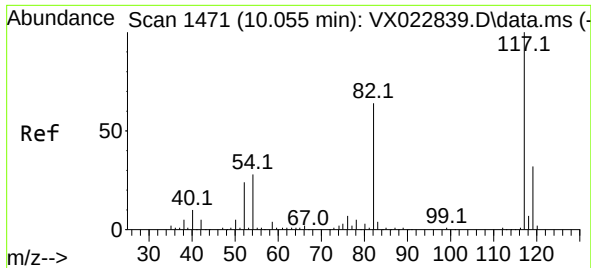
Tgt Ion:129 Resp: 879
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 95 Resp: 47059
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 59.8 0.0 155.8

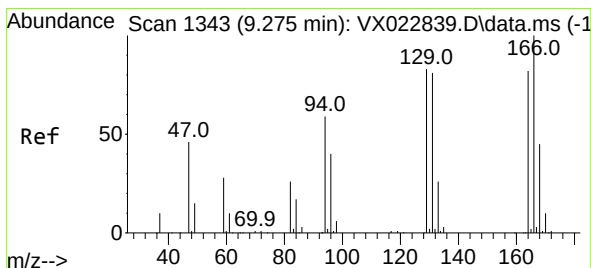
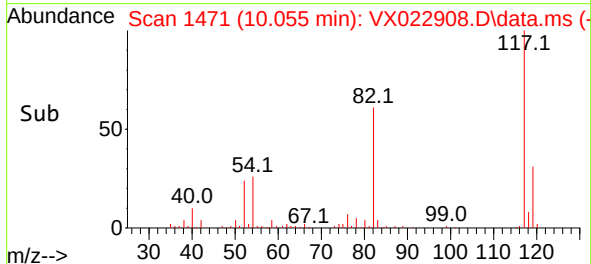
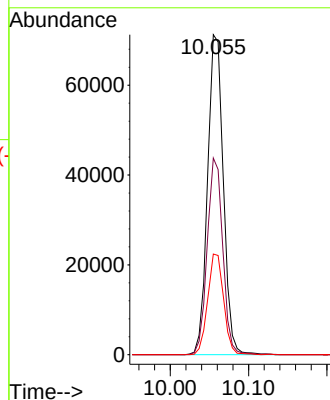
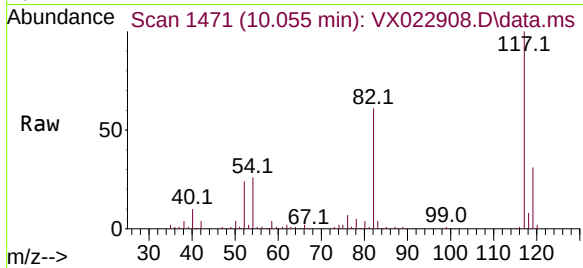




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

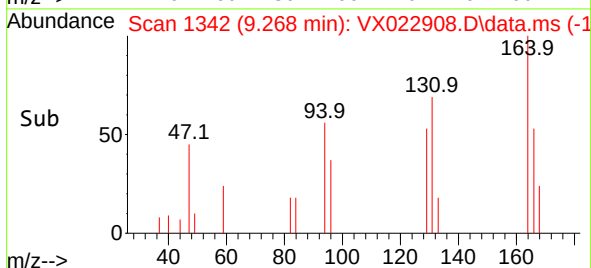
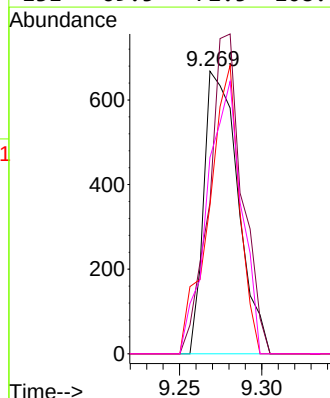
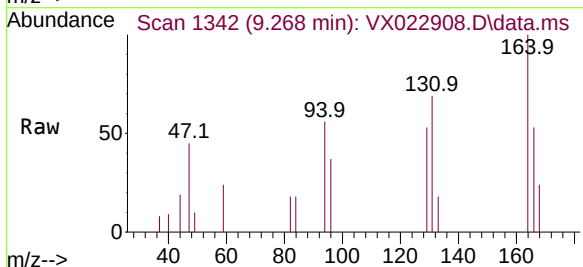
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

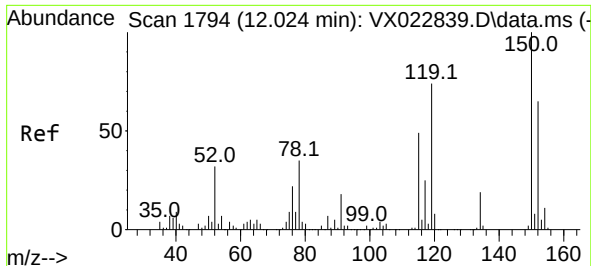
Tgt Ion:	117	Resp:	99299
Ion Ratio	Lower	Upper	
117	100		
82	61.4	47.4	71.2
119	31.5	26.6	39.8



#64
Tetrachloroethene
Concen: 1.38 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion:	164	Resp:	966
Ion Ratio	Lower	Upper	
164	100		
166	53.4	103.4	155.2#
129	52.5	70.8	106.2#
131	69.5	72.5	108.7#

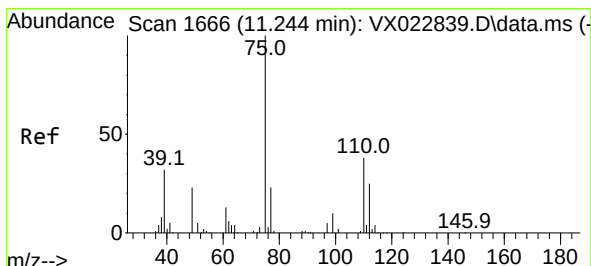
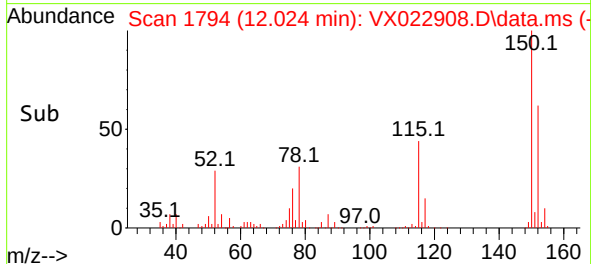
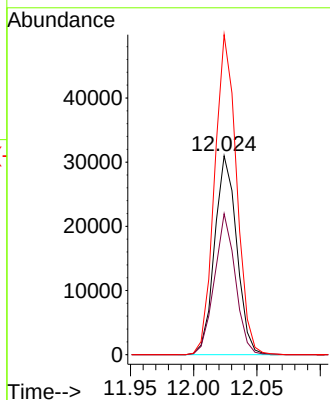
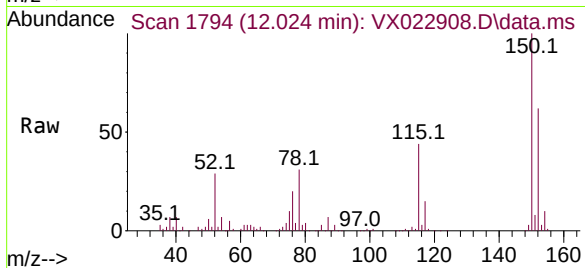




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022908.D
 Acq: 25 Jun 2021 07:52

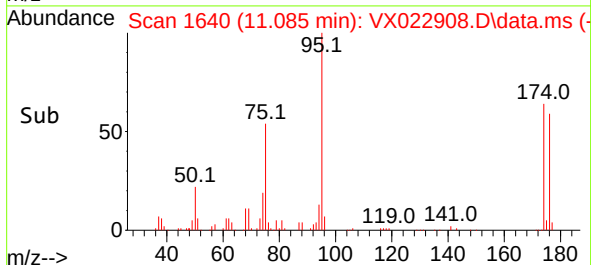
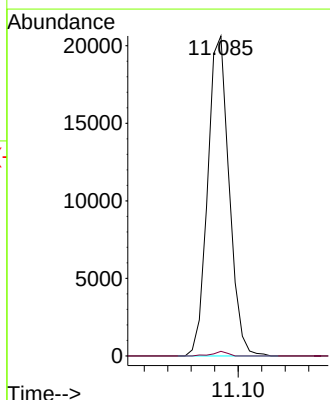
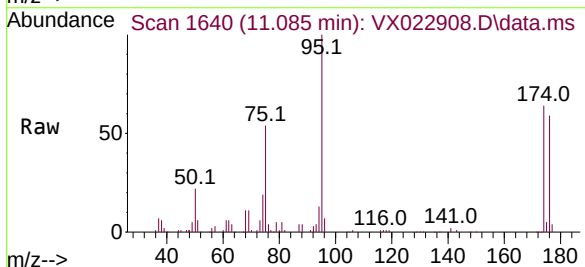
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210621

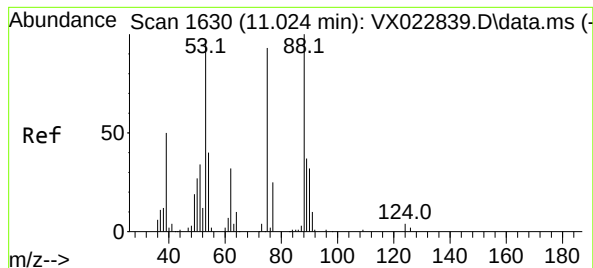
Tgt Ion:152 Resp: 37590
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 159.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.30 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022908.D
 Acq: 25 Jun 2021 07:52

Tgt Ion: 75 Resp: 26111
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 68.29 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

Tgt Ion: 75 Resp: 26111

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20210621

