

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022801.D
 Acq On : 21 Jun 2021 17:46
 Operator : JC/MD
 Sample : M2783-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20210618

Quant Time: Jun 22 01:15:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

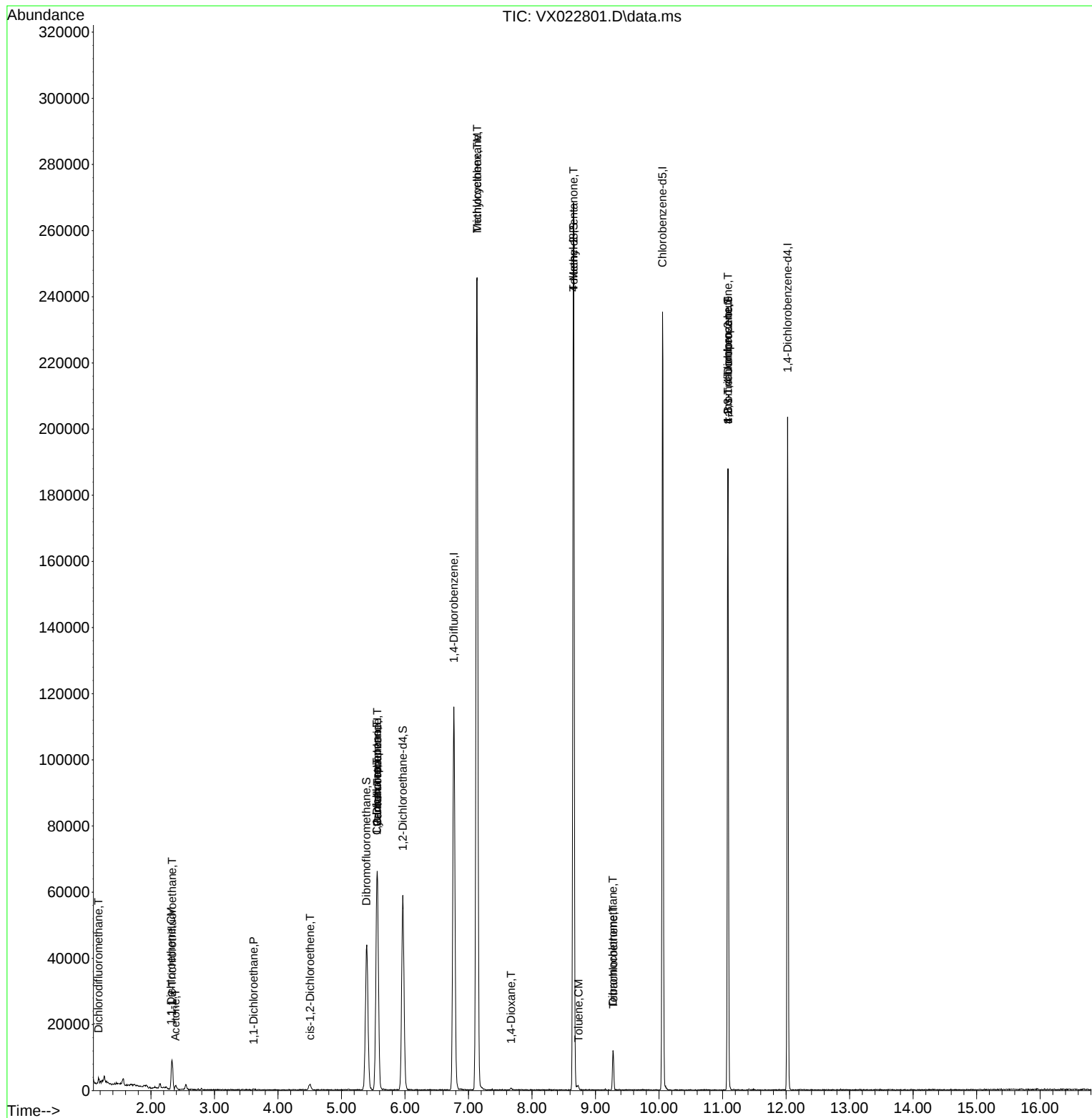
Internal Standards						
1) Pentafluorobenzene	5.562	168	55044	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53445	53.987	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.980%	
35) Dibromofluoromethane	5.391	113	36926	51.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	8.653	98	149006	52.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	11.085	95	50238	46.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	496	0.768	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	3457	5.131	ug/l	85
12) 1,1-Dichloroethene	2.319	96	387	0.579	ug/l #	80
16) Acetone	2.386	43	1188	2.680	ug/l	90
20) Methylene Chloride	2.794	84	110	Below Cal	#	43
24) 1,1-Dichloroethane	3.617	63	300	0.202	ug/l #	81
27) cis-1,2-Dichloroethene	4.507	96	1140	1.264	ug/l	87
31) Cyclohexane	5.556	56	1596	1.336	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	5933	5.291	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6258	6.524	ug/l #	16
39) Methylcyclohexane	7.135	83	1251	1.069	ug/l #	1
44) Trichloroethene	7.135	130	84690	108.140	ug/l	93
49) 1,4-Dioxane	7.671	88	406	19.742	ug/l #	90
51) 4-Methyl-2-Pentanone	8.653	43	766	0.536	ug/l #	1
52) Toluene	8.732	92	417	0.201	ug/l	78
60) Dibromochloromethane	9.275	129	2102	5.528	ug/l #	11
64) Tetrachloroethene	9.281	164	1959	3.141	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	27123	28.338	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27123	70.551	ug/l #	12

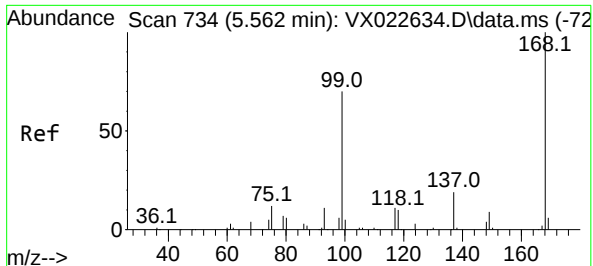
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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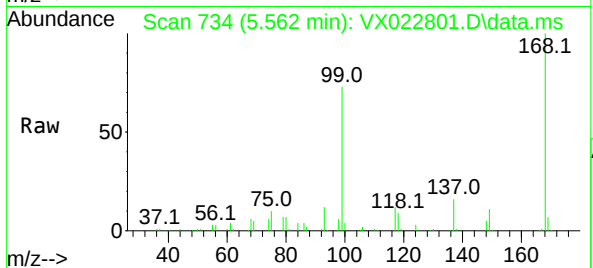
Quant Time: Jun 22 01:15:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



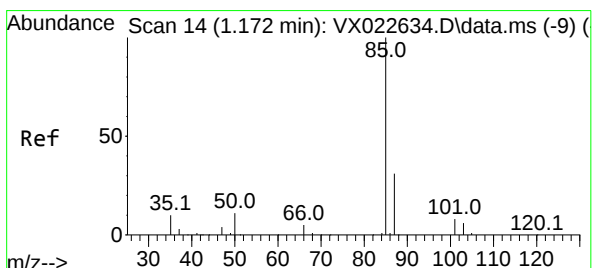
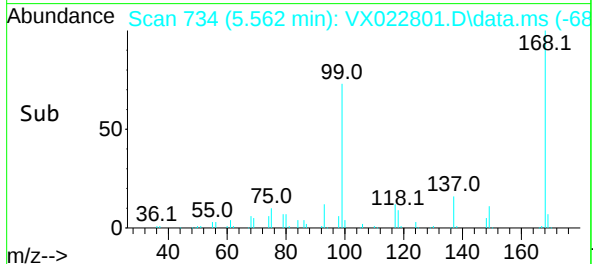
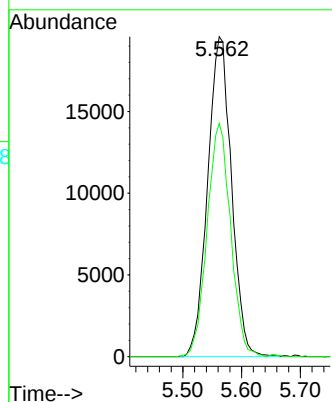


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

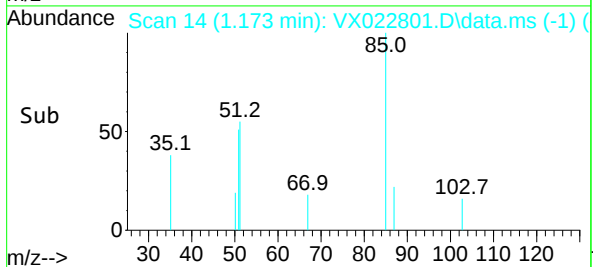
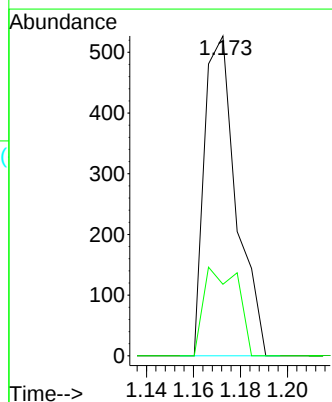
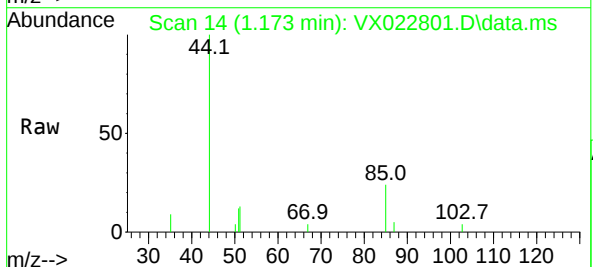


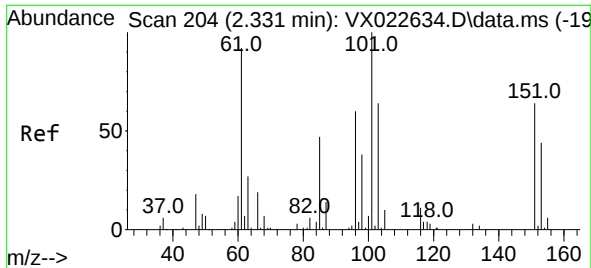
Tgt Ion:168 Resp: 55044
Ion Ratio Lower Upper
168 100
99 72.6 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.768 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 85 Resp: 496
Ion Ratio Lower Upper
85 100
87 22.4 16.4 49.2

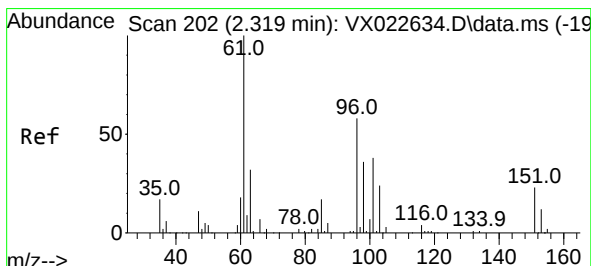
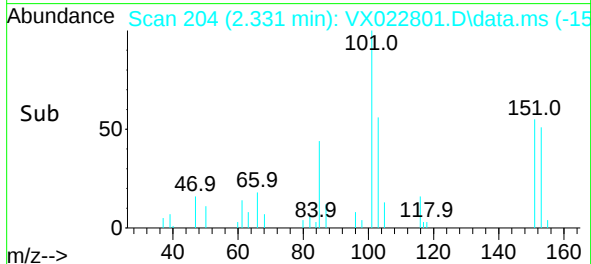
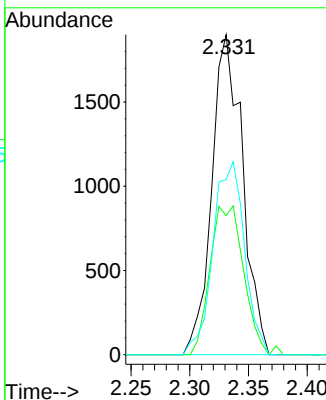
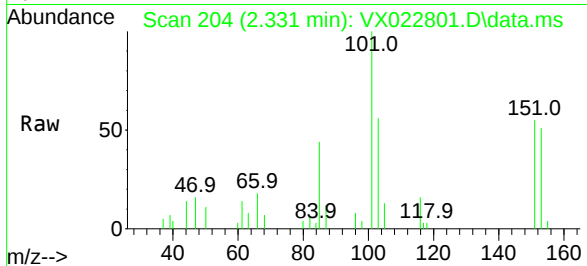




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.131 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

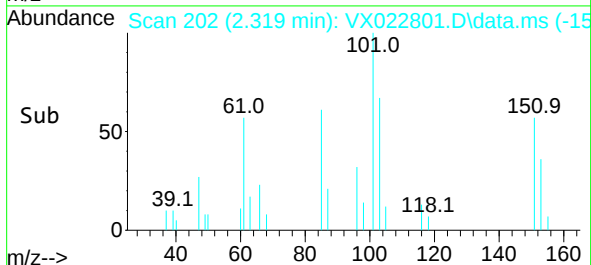
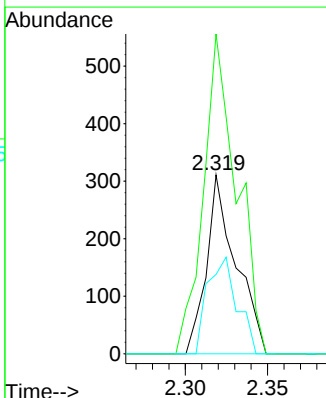
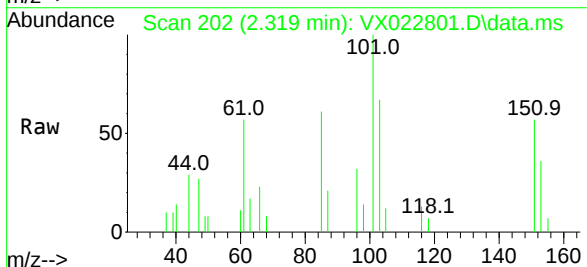
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

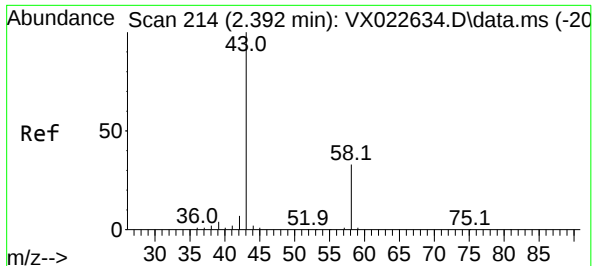
Tgt Ion:101 Resp: 3457
Ion Ratio Lower Upper
101 100
85 51.0 34.9 52.3
151 61.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.579 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 96 Resp: 387
Ion Ratio Lower Upper
96 100
61 178.8 124.6 187.0
98 44.4 50.6 76.0#

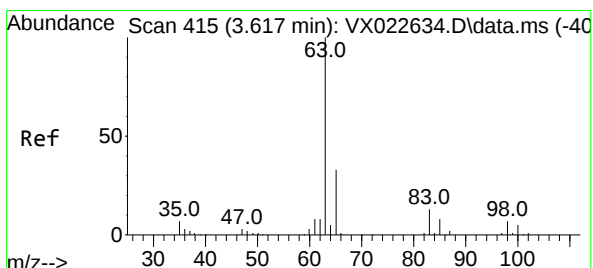
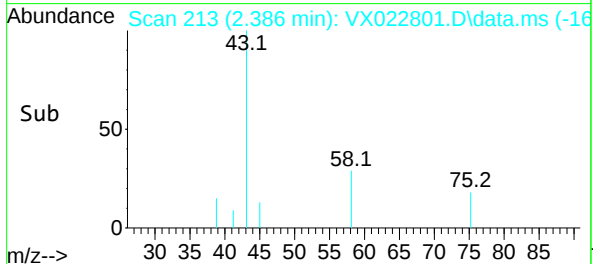
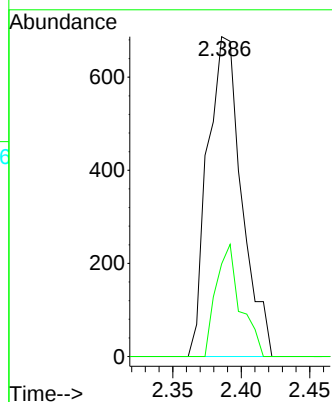
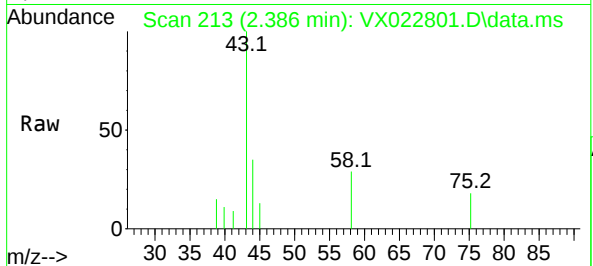




#16
Acetone
Concen: 2.680 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

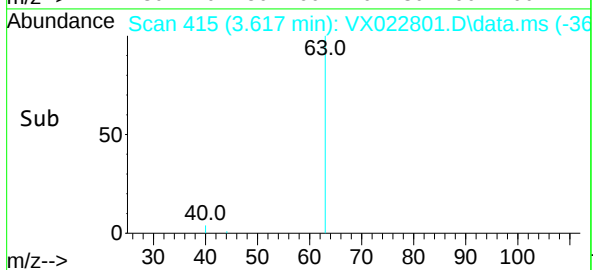
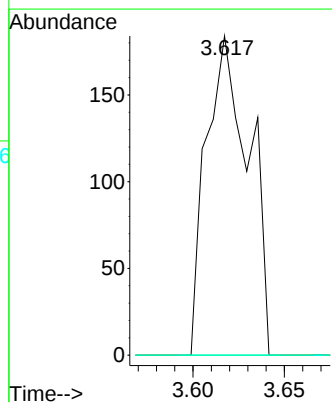
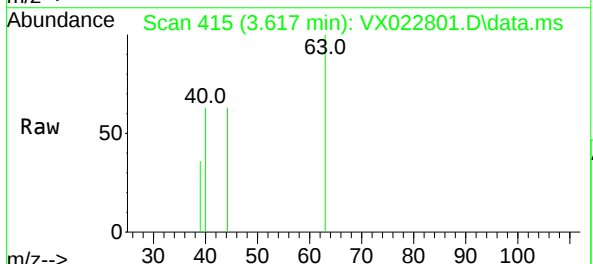
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

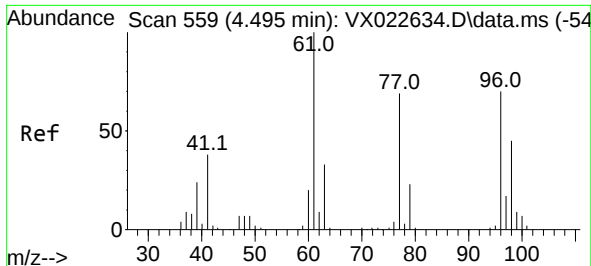
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8



#24
1,1-Dichloroethane
Concen: 0.202 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 63 Resp: 300
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: 1.264 ug/l

RT: 4.507 min Scan# 561

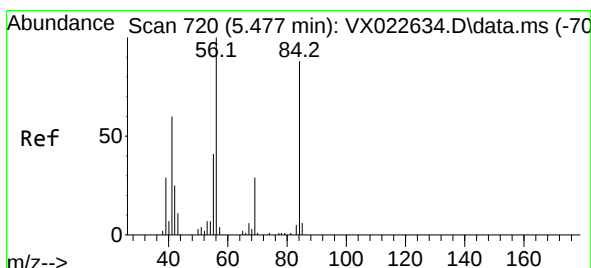
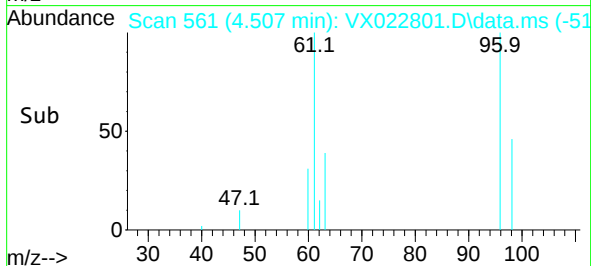
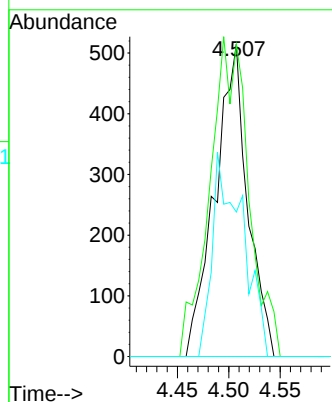
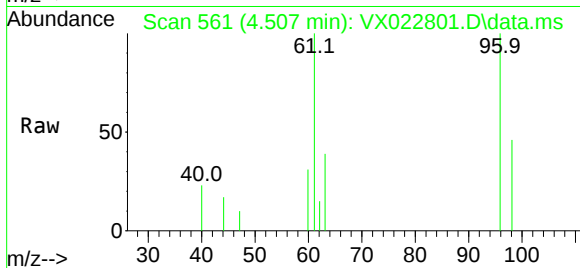
Delta R.T. 0.012 min

Lab File: VX022801.D

Acq: 21 Jun 2021 17:46

Tgt Ion: 96	Resp: 1140		
Ion Ratio	Lower	Upper	
96	100		
61	121.9	0.0	285.6
98	60.3	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618



#31

Cyclohexane

Concen: 1.336 ug/l

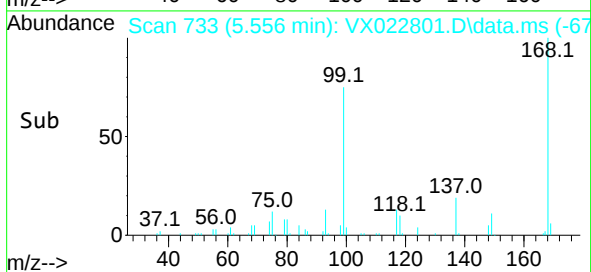
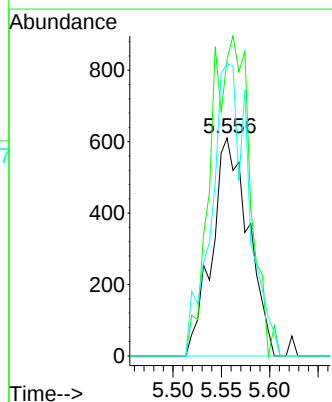
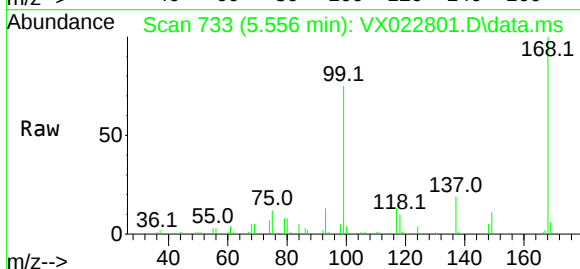
RT: 5.556 min Scan# 733

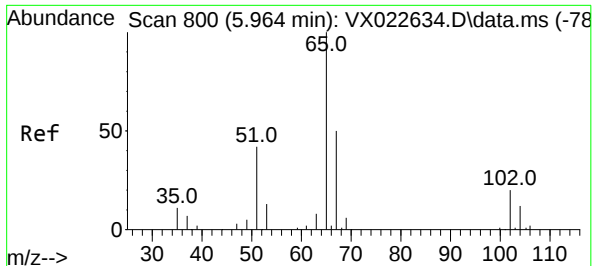
Delta R.T. 0.079 min

Lab File: VX022801.D

Acq: 21 Jun 2021 17:46

Tgt Ion: 56	Resp: 1596		
Ion Ratio	Lower	Upper	
56	100		
69	136.2	25.3	37.9#
84	134.3	71.4	107.0#

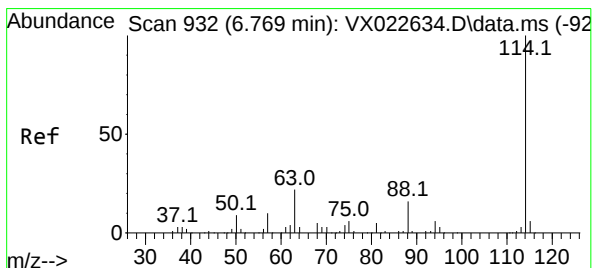
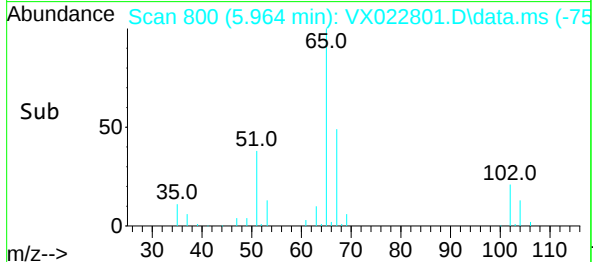
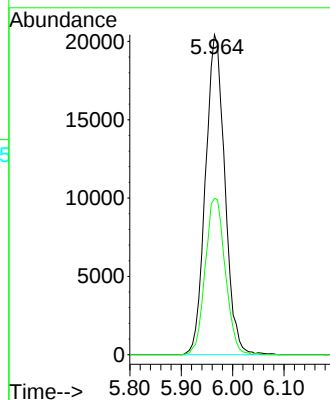
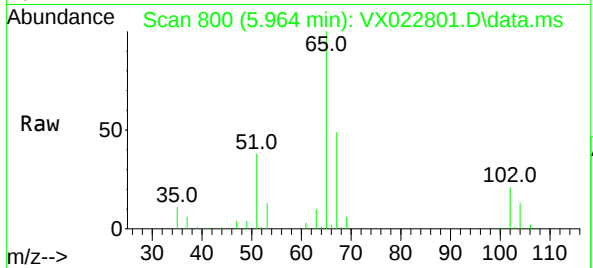




#33
1,2-Dichloroethane-d4
Concen: 53.987 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

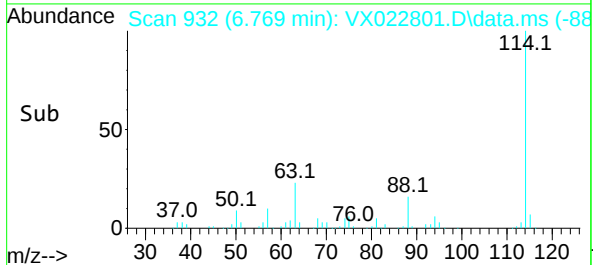
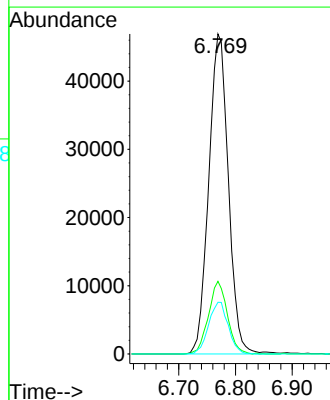
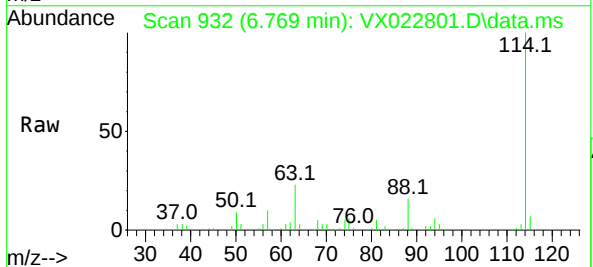
Instrument :
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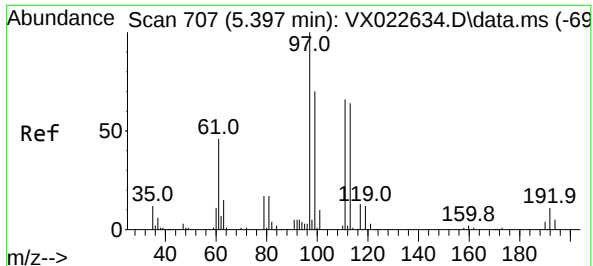
Tgt Ion: 65 Resp: 53445
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 114 Resp: 112542
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.426 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022801.D

Acq: 21 Jun 2021 17:46

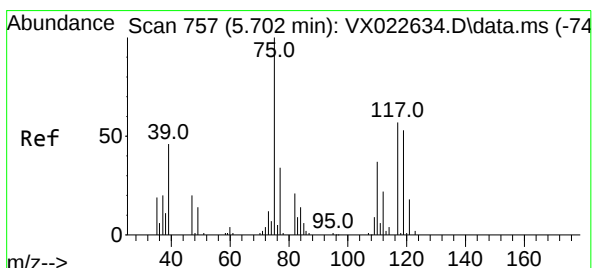
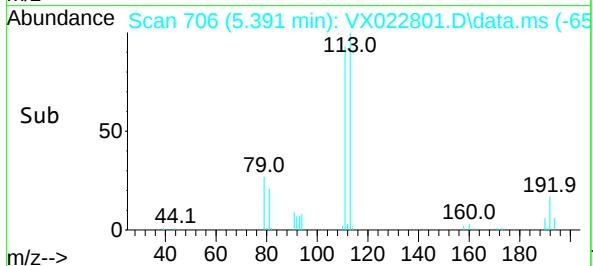
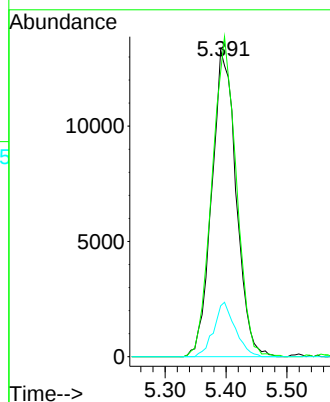
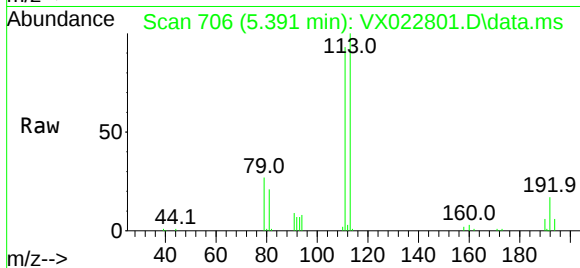
Tgt Ion:113 Resp: 36926

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 15.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.291 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022801.D

Acq: 21 Jun 2021 17:46

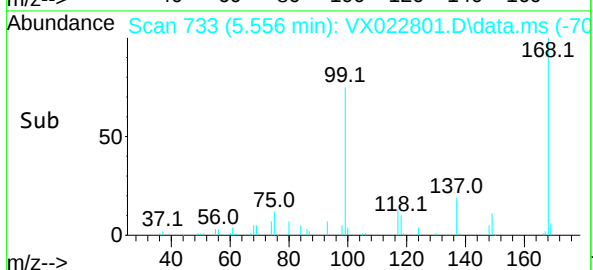
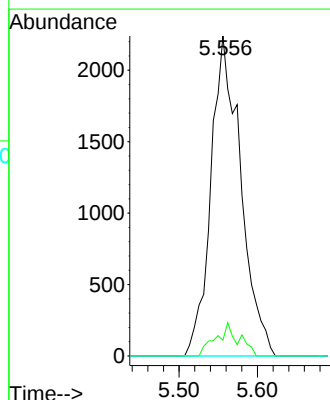
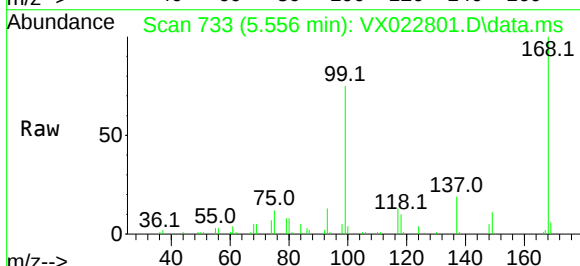
Tgt Ion: 75 Resp: 5933

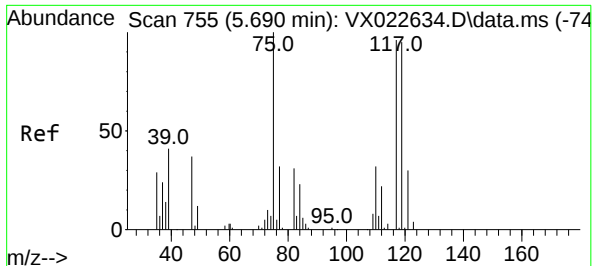
Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

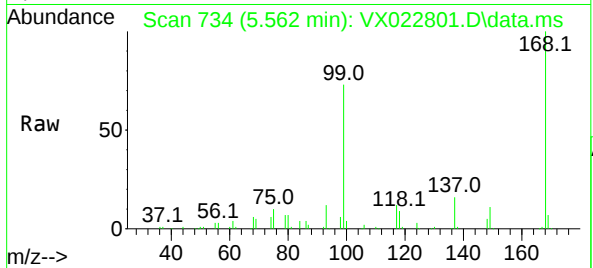
77 0.0 25.3 37.9#



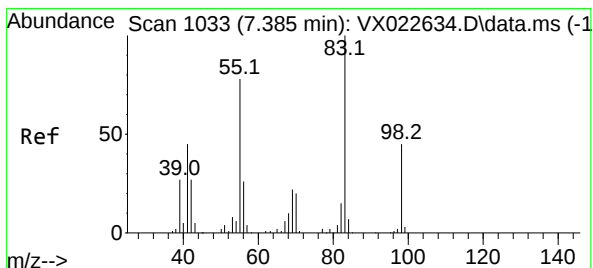
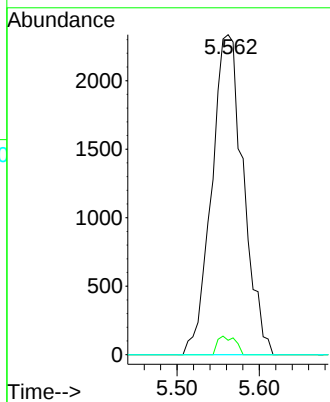
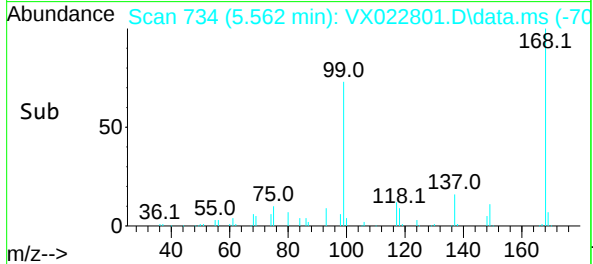


#38
Carbon Tetrachloride
Concen: 6.524 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

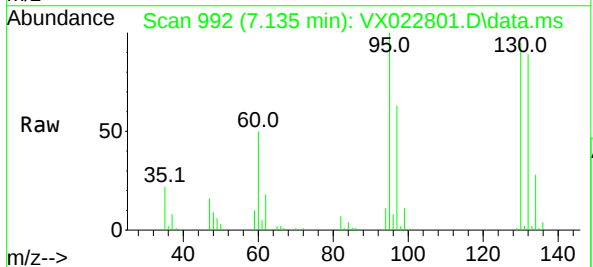
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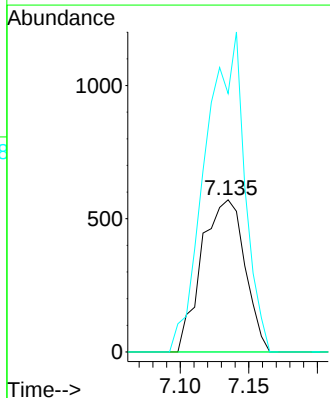
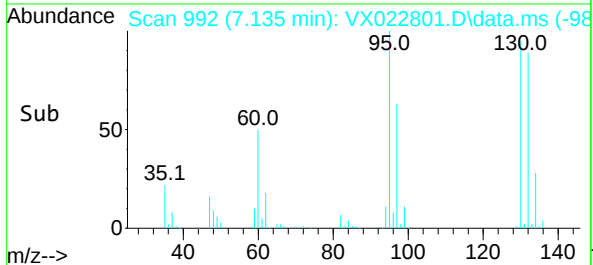
Tgt Ion:117 Resp: 6258
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

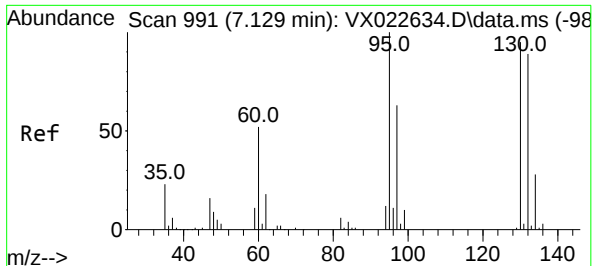


#39
Methylcyclohexane
Concen: 1.069 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46



Tgt Ion: 83 Resp: 1251
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 169.9 38.1 57.1#

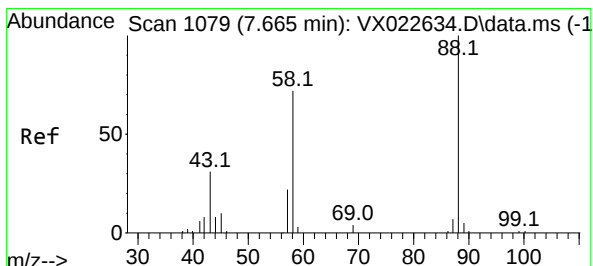
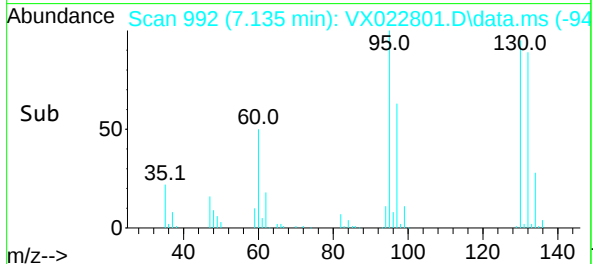
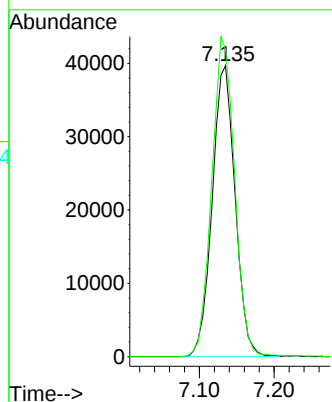
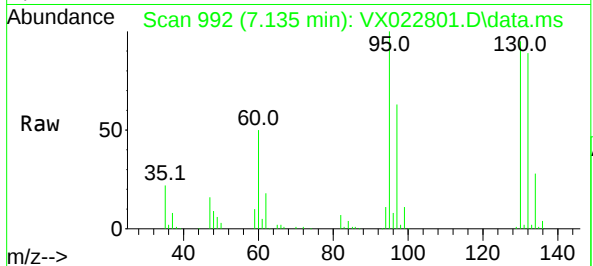




#44
Trichloroethene
Concen: 108.140 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

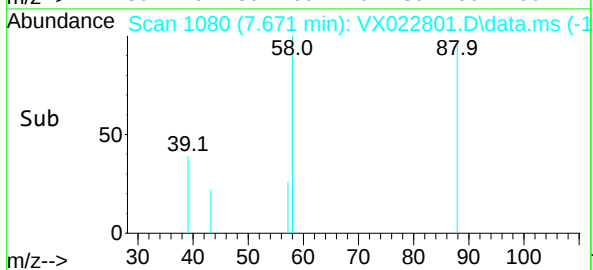
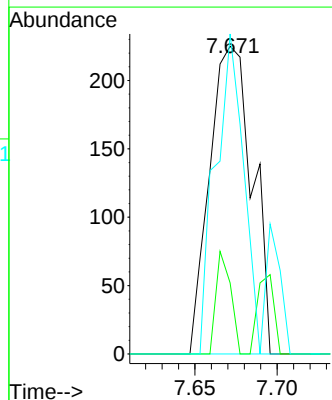
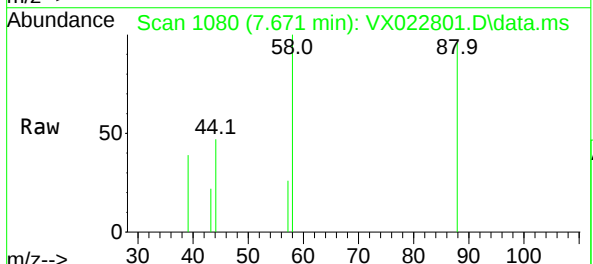
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

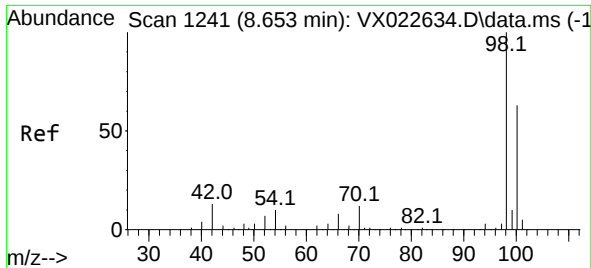
Tgt Ion:130 Resp: 84690
Ion Ratio Lower Upper
130 100
95 105.6 0.0 198.0



#49
1,4-Dioxane
Concen: 19.742 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
43 11.3 23.2 34.8#
58 68.5 55.0 82.4

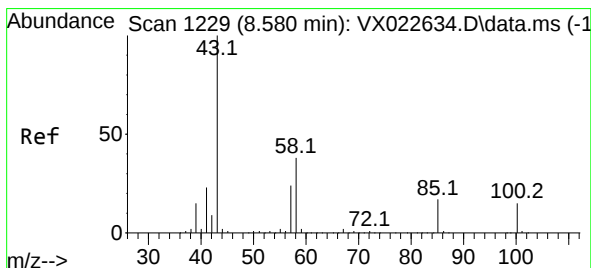
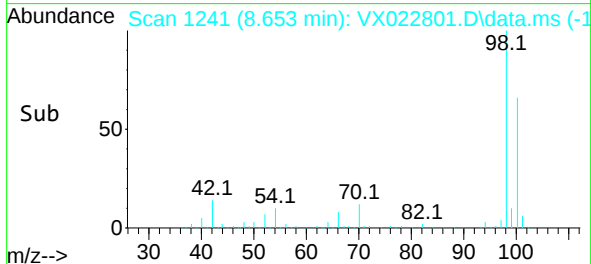
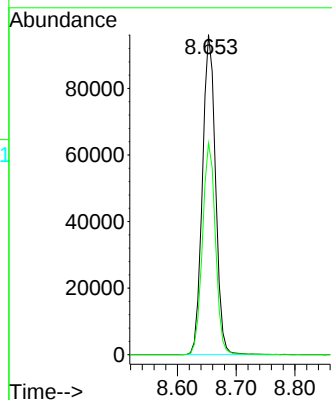
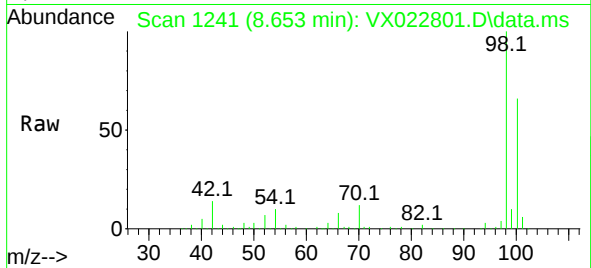




#50
Toluene-d8
Concen: 52.642 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

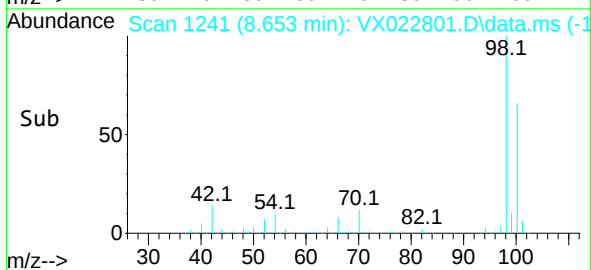
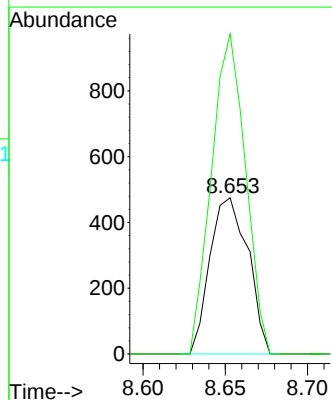
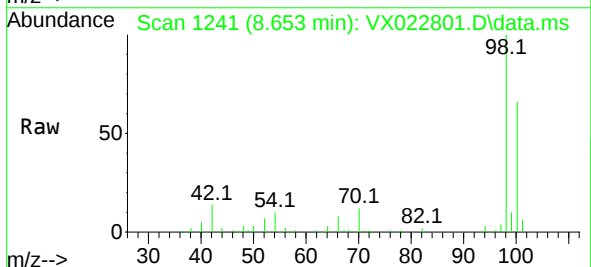
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

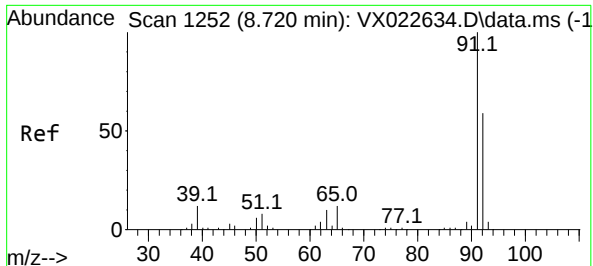
Tgt Ion: 98 Resp: 149006
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 183.0 35.4 53.0#





#52

Toluene

Concen: 0.201 ug/l

RT: 8.732 min Scan# 1254

Delta R.T. 0.012 min

Lab File: VX022801.D

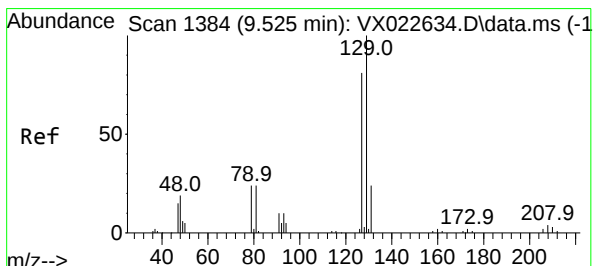
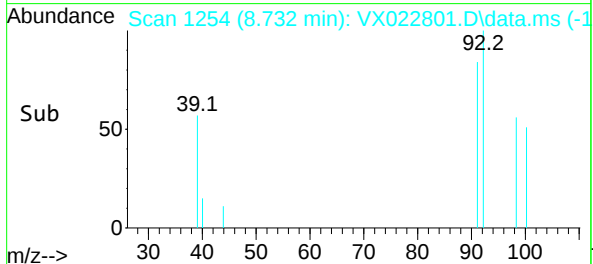
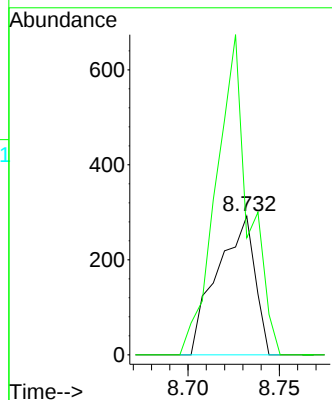
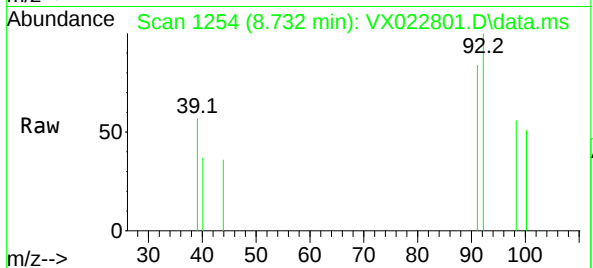
Acq: 21 Jun 2021 17:46

Tgt Ion: 92 Resp: 417

Ion Ratio Lower Upper

92 100

91 202.2 137.1 205.7



#60

Dibromochloromethane

Concen: 5.528 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022801.D

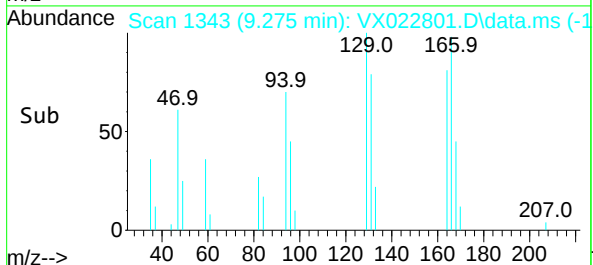
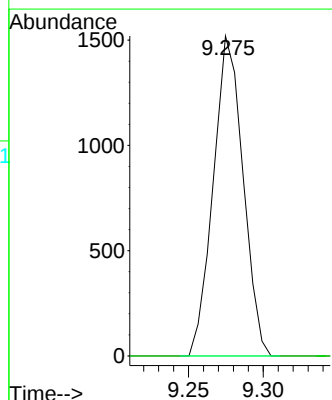
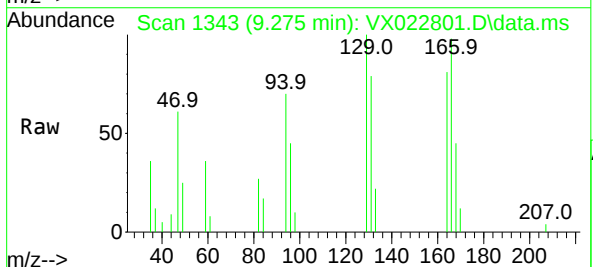
Acq: 21 Jun 2021 17:46

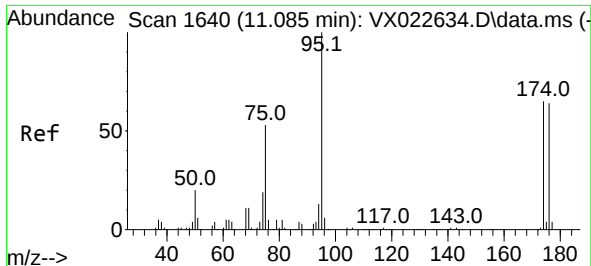
Tgt Ion: 129 Resp: 2102

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

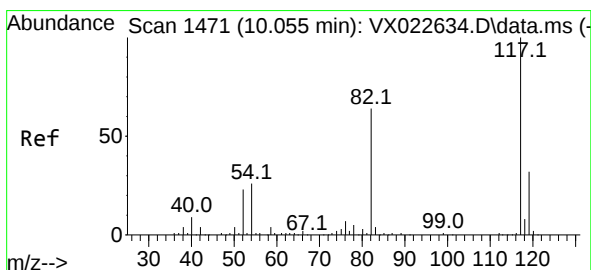
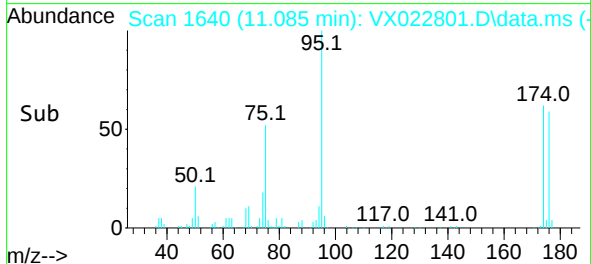
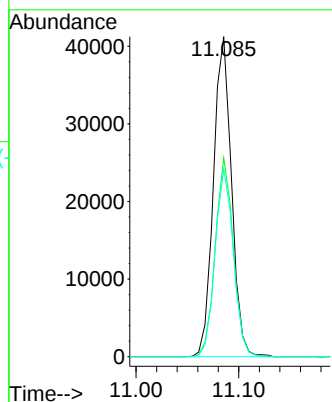
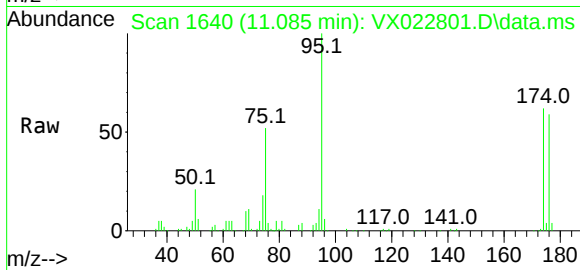




#62
4-Bromofluorobenzene
Concen: 46.928 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

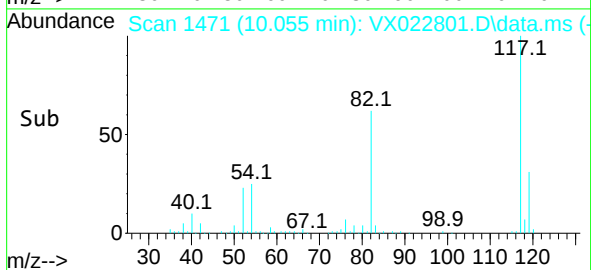
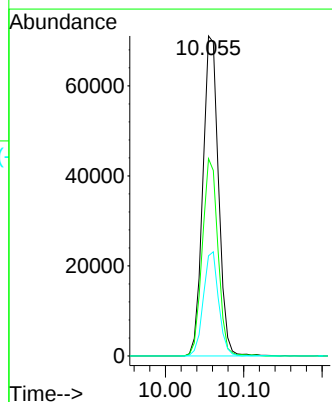
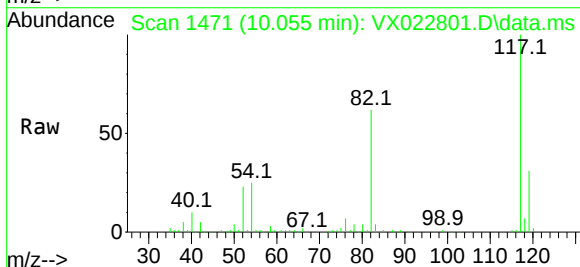
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

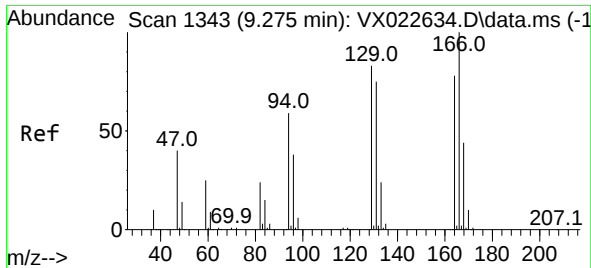
Tgt Ion: 95 Resp: 50238
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 59.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

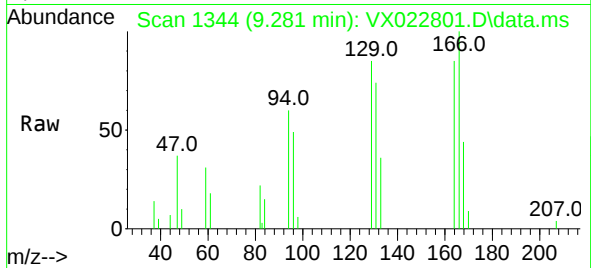
Tgt Ion: 117 Resp: 98638
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.3 26.6 39.8





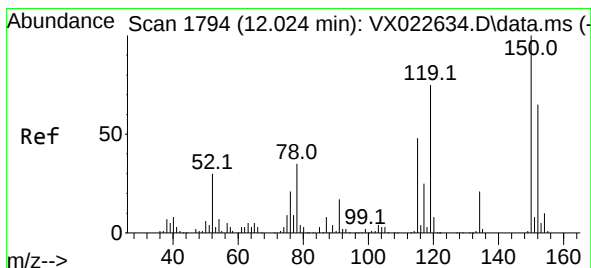
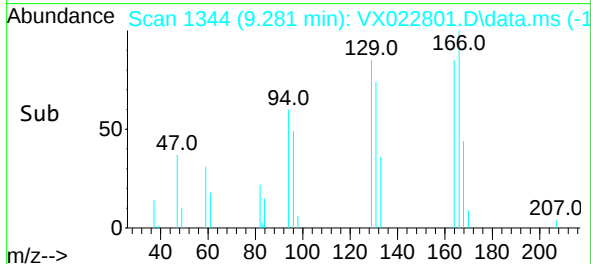
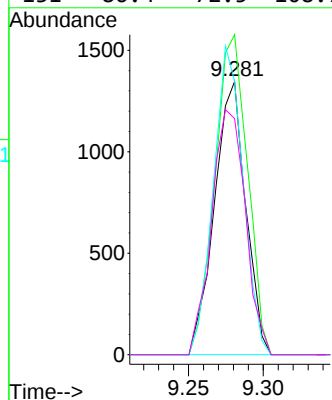
#64
Tetrachloroethene
Concen: 3.141 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618



Tgt Ion:164 Resp: 1959

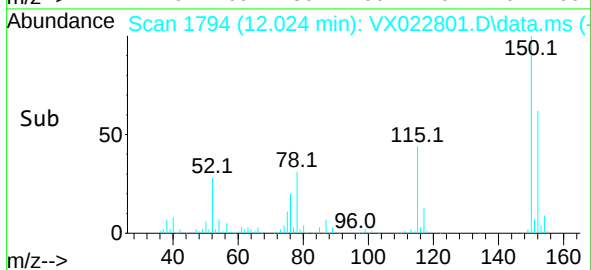
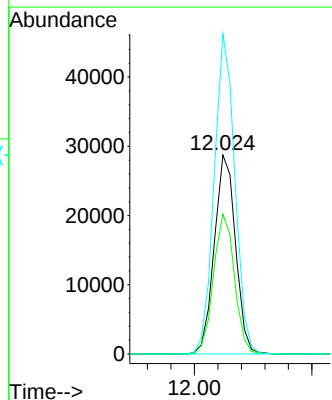
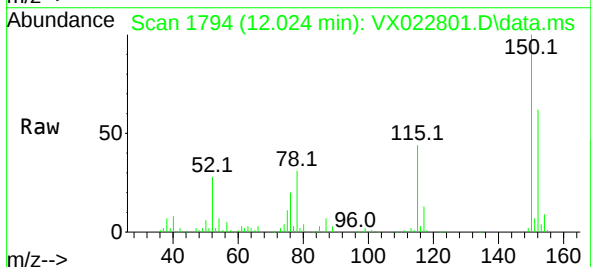
Ion	Ratio	Lower	Upper
164	100		
166	117.1	103.4	155.2
129	99.9	70.8	106.2
131	86.4	72.5	108.7

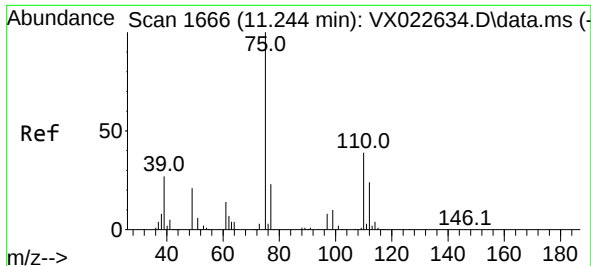


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion:152 Resp: 36099

Ion	Ratio	Lower	Upper
152	100		
115	69.3	41.1	123.3
150	156.4	0.0	349.0

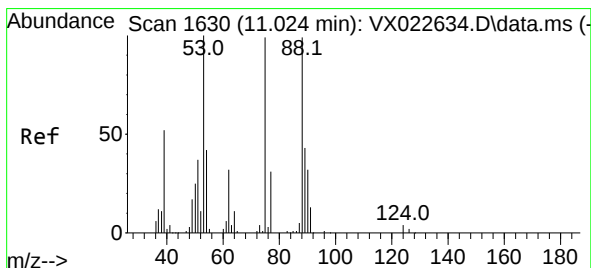
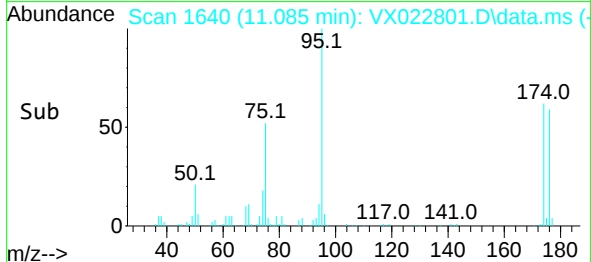
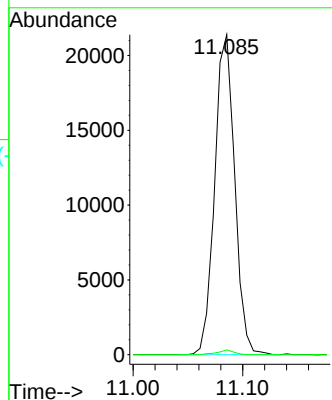
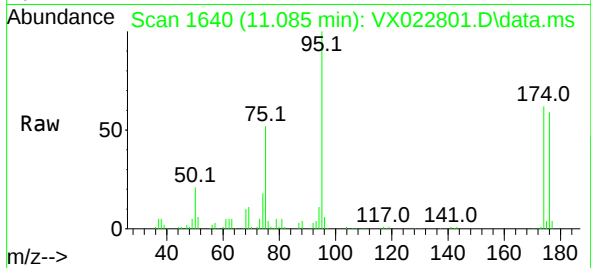




#76
1,2,3-Trichloropropane
Concen: 28.338 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210618

Tgt Ion: 75 Resp: 27123
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.551 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022801.D
Acq: 21 Jun 2021 17:46

Tgt Ion: 75 Resp: 27123
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

