

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031170.D
 Acq On : 07 Sep 2022 19:36
 Operator : JC/MD
 Sample : N4357-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20220823DL

Quant Time: Sep 07 23:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

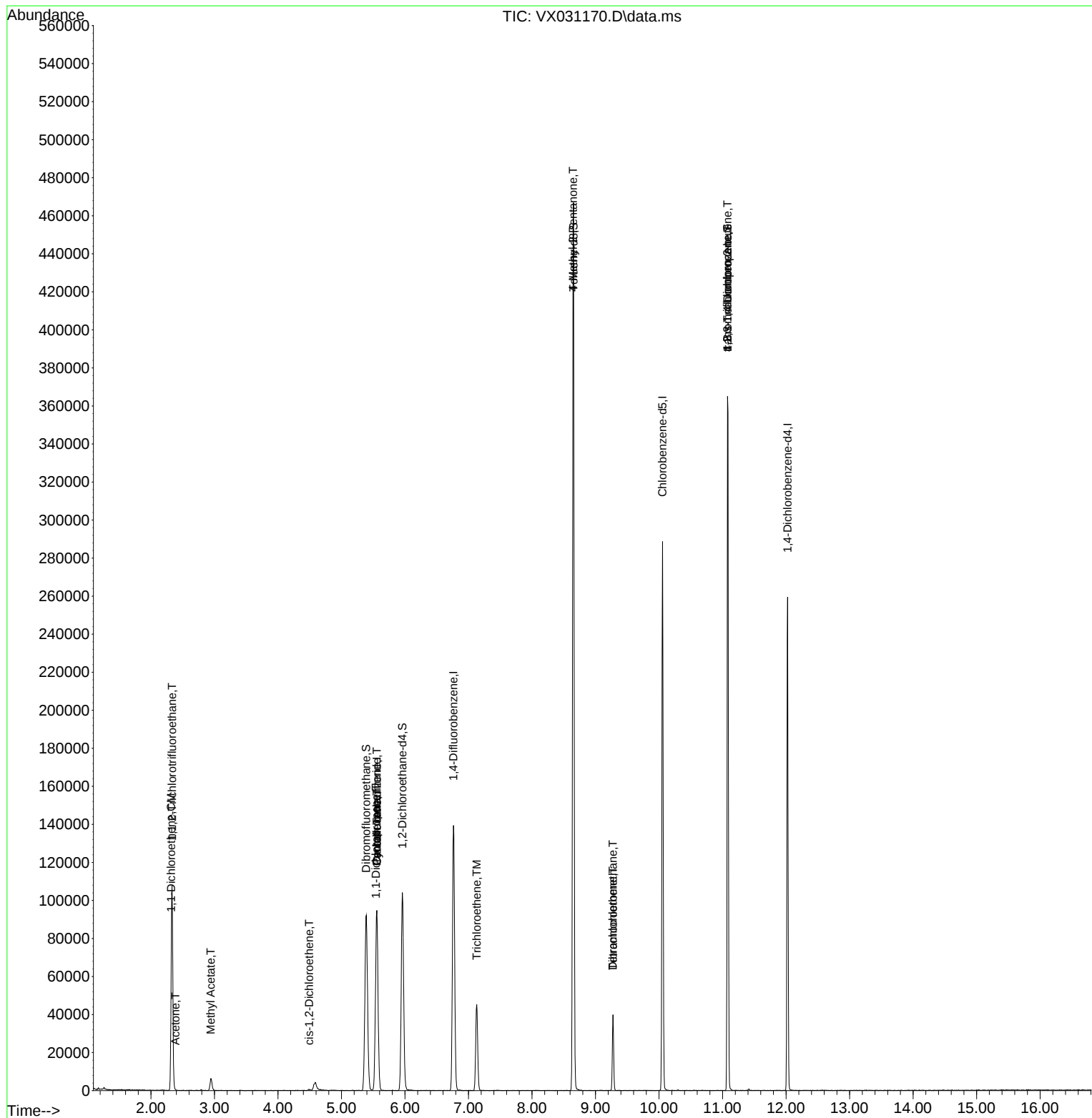
Internal Standards						
1) Pentafluorobenzene	5.556	168	79726	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108748	57.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.220%	
35) Dibromofluoromethane	5.385	113	83463	53.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.300%	
50) Toluene-d8	8.653	98	281848	49.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	11.079	95	104748	50.100	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.200%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	43610	30.451	ug/l	98
11) Tert butyl alcohol	2.947	59	3926	Below Cal	#	77
12) 1,1-Dichloroethene	2.319	96	471	0.350	ug/l #	76
16) Acetone	2.386	43	410	0.627	ug/l #	40
18) Methyl Acetate	2.941	43	620	0.366	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	423	0.247	ug/l	54
31) Cyclohexane	5.556	56	1768	0.838	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7394	3.144	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9713	3.926	ug/l #	17
44) Trichloroethene	7.129	130	17185	9.570	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1119	0.556	ug/l #	1
60) Dibromochloromethane	9.275	129	7311	4.094	ug/l #	11
64) Tetrachloroethene	9.275	164	6772	5.242	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	57653	42.505	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	57653	137.073	ug/l #	13

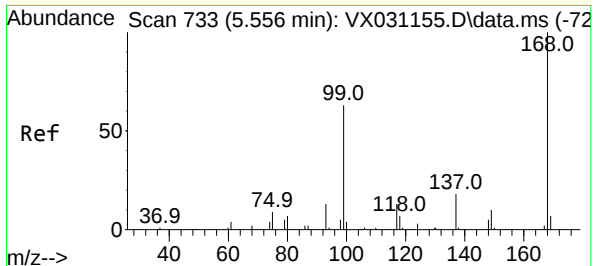
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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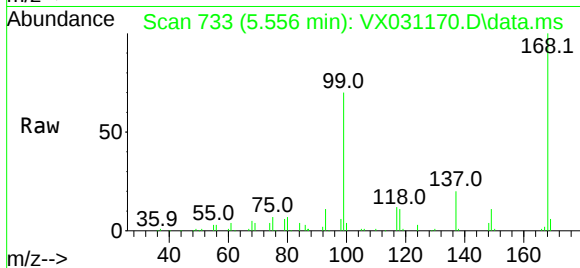
Quant Time: Sep 07 23:26:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



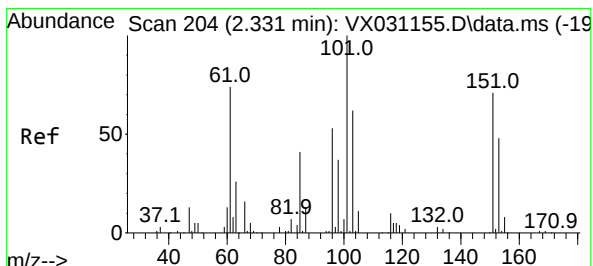
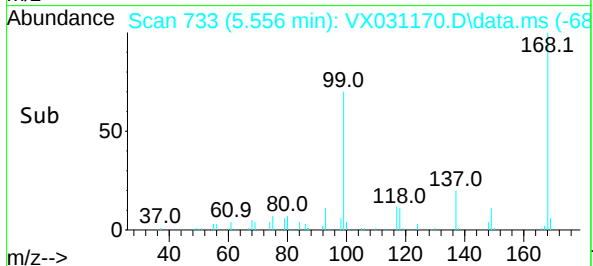
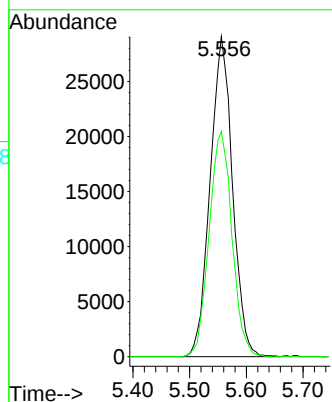


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

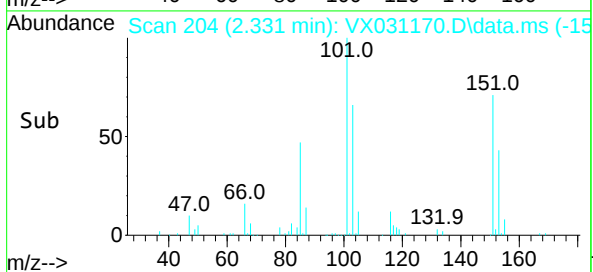
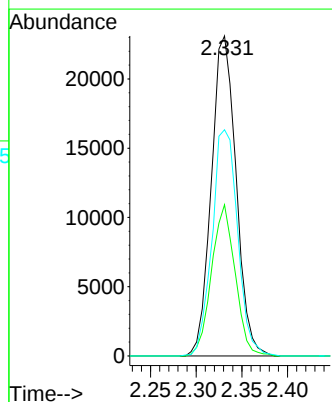
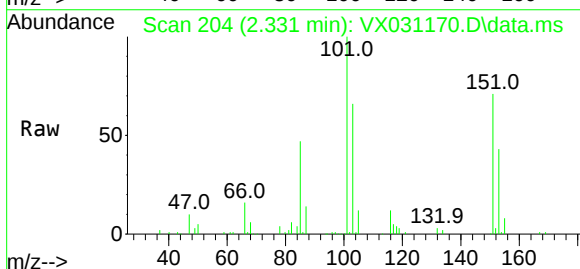


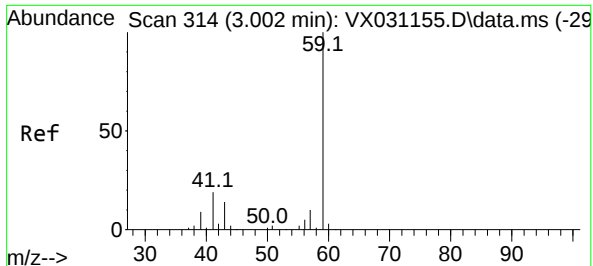
Tgt Ion:168 Resp: 79726
Ion Ratio Lower Upper
168 100
99 70.4 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.451 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion:101 Resp: 43610
Ion Ratio Lower Upper
101 100
85 45.1 34.0 51.0
151 73.2 59.4 89.0

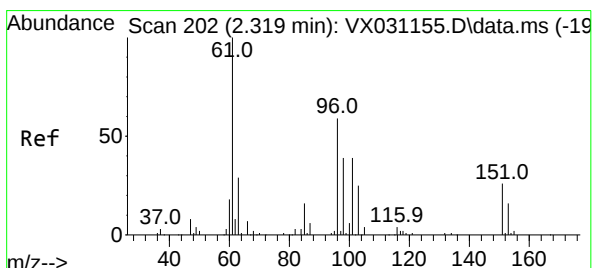
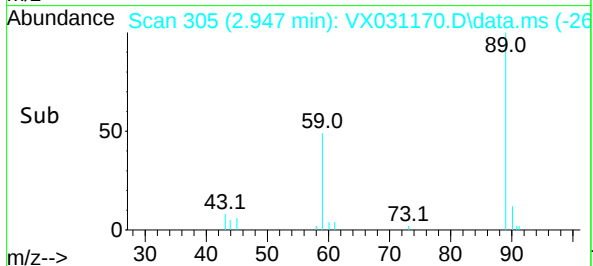
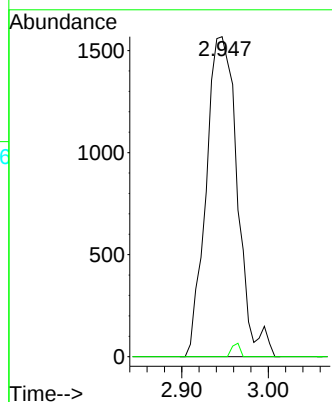
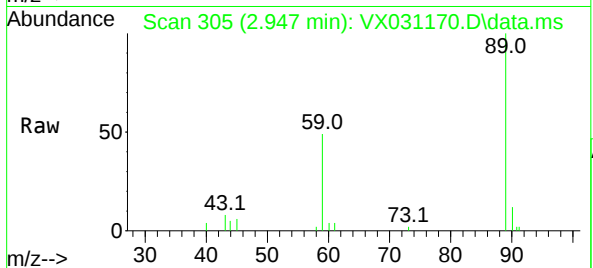




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

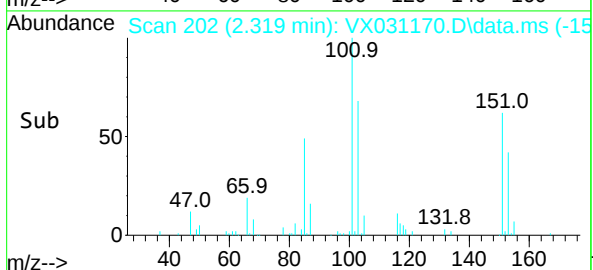
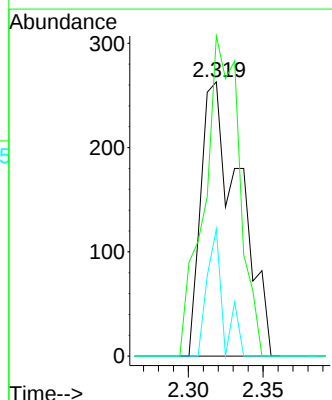
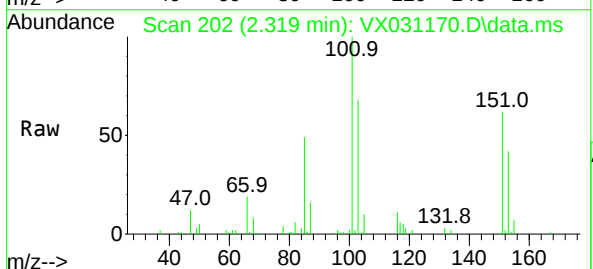
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

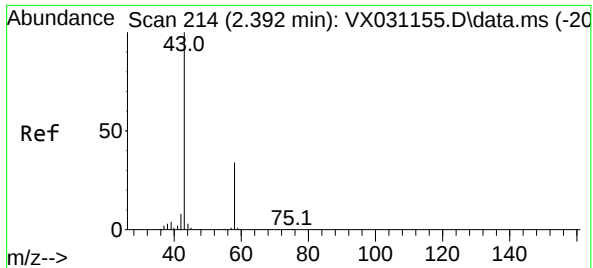
Tgt Ion: 59 Resp: 3926
Ion Ratio Lower Upper
59 100
57 1.1 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 0.350 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion: 96 Resp: 471
Ion Ratio Lower Upper
96 100
61 116.7 117.4 176.0#
98 46.4 52.2 78.4#

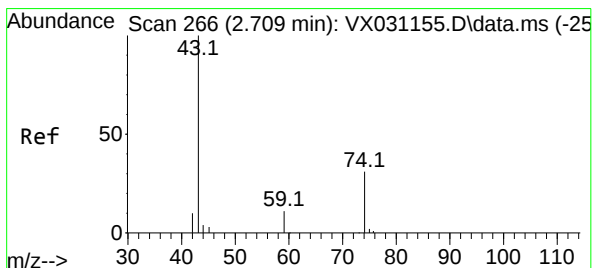
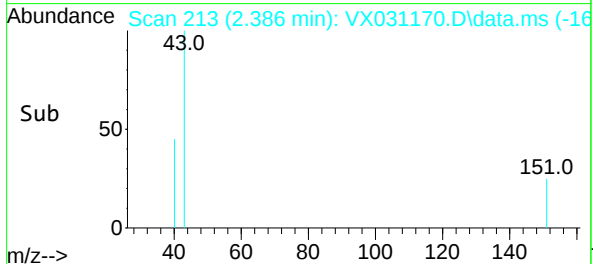
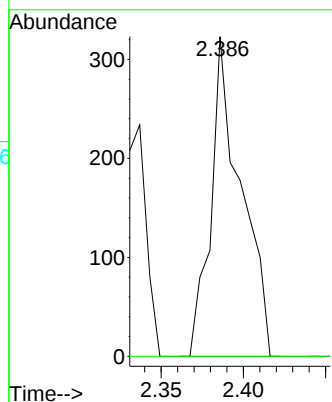
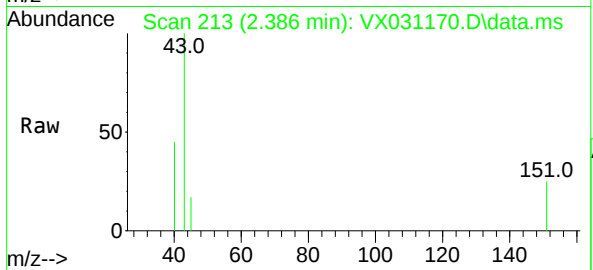




#16
Acetone
Concen: 0.627 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

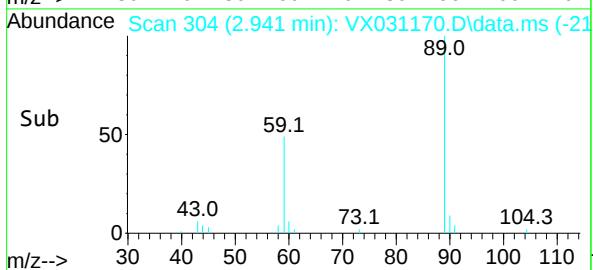
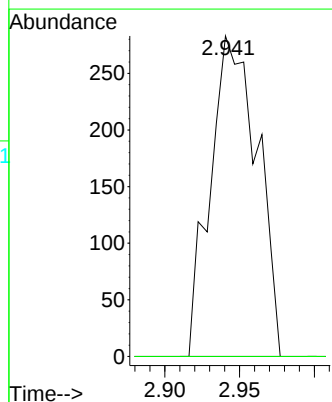
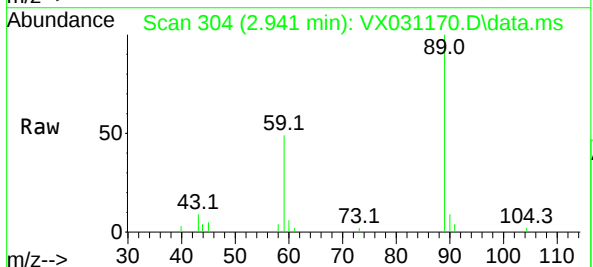
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

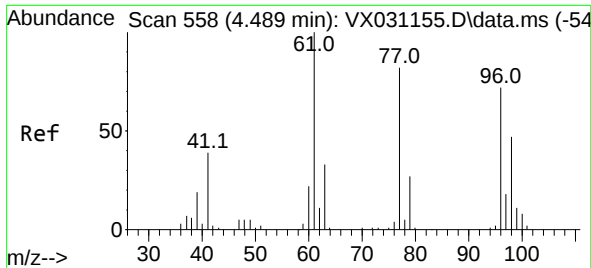
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#18
Methyl Acetate
Concen: 0.366 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

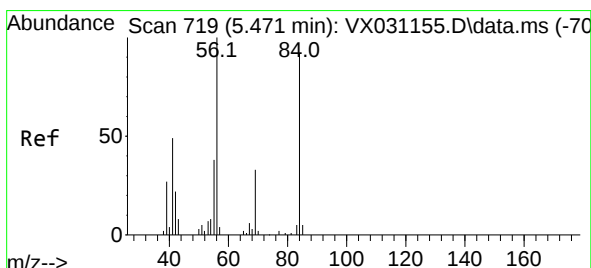
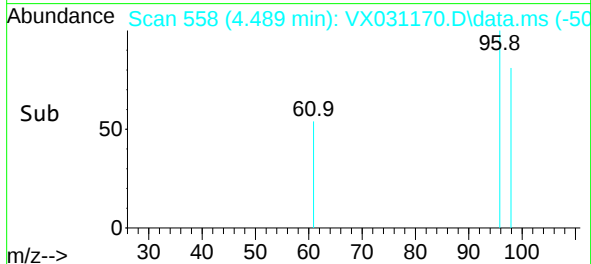
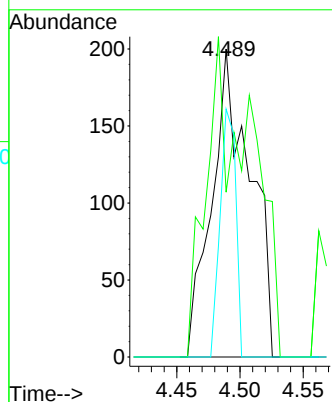
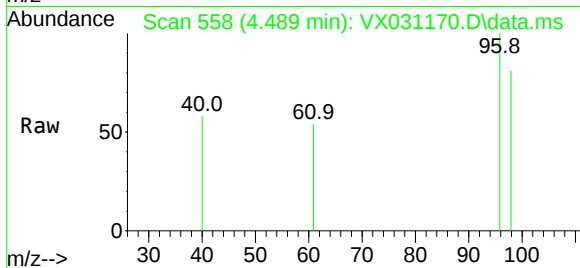




#27
cis-1,2-Dichloroethene
Concen: 0.247 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

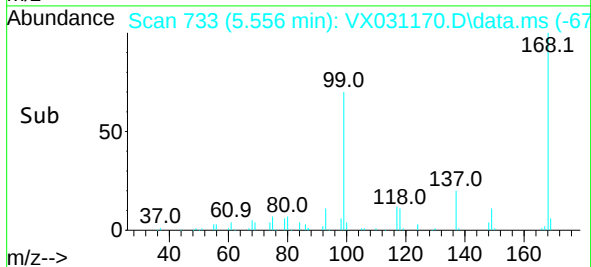
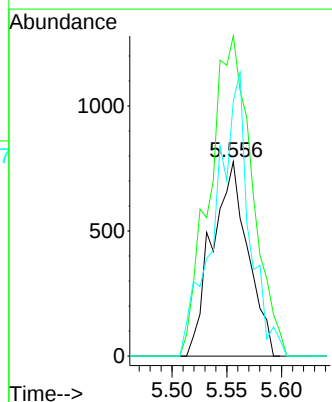
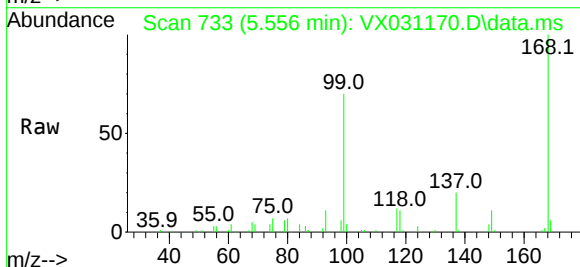
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

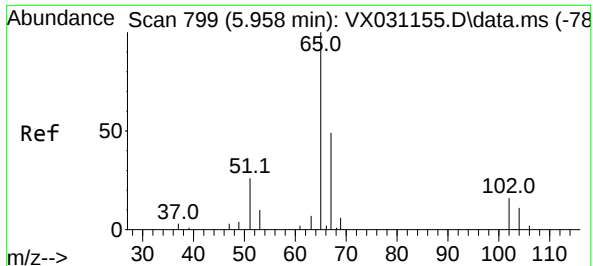
Tgt Ion: 96 Resp: 423
Ion Ratio Lower Upper
96 100
61 77.1 0.0 270.0
98 32.6 0.0 127.8



#31
Cyclohexane
Concen: 0.838 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
69 164.7 25.4 38.0#
84 131.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 57.613 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031170.D

Acq: 07 Sep 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

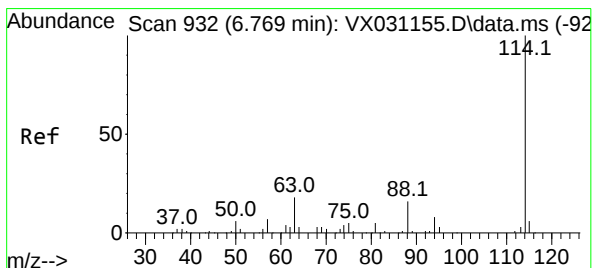
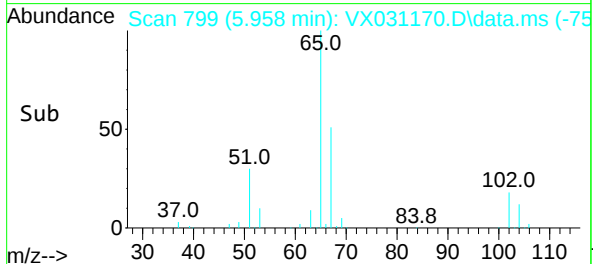
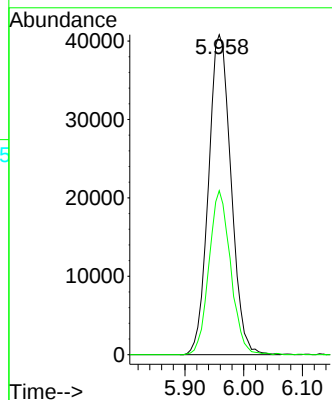
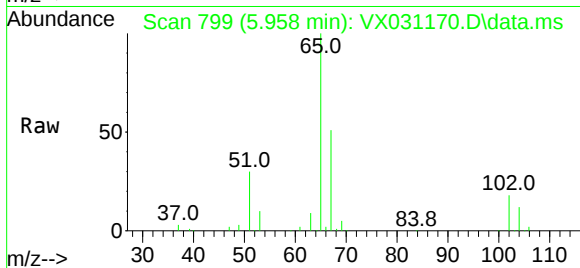
RE134D3-20220823DL

Tgt Ion: 65 Resp: 108748

Ion Ratio Lower Upper

65 100

67 49.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031170.D

Acq: 07 Sep 2022 19:36

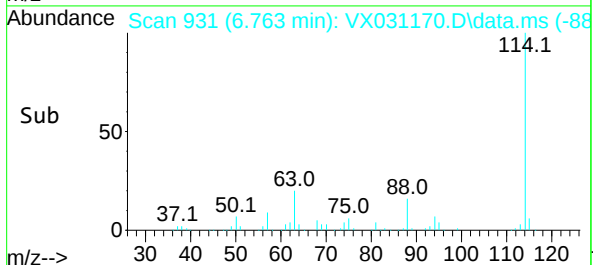
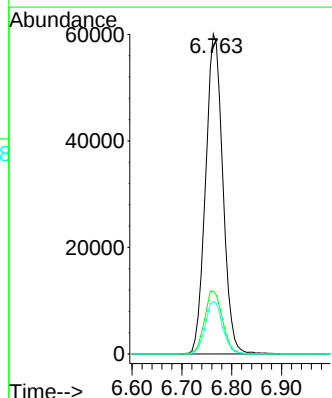
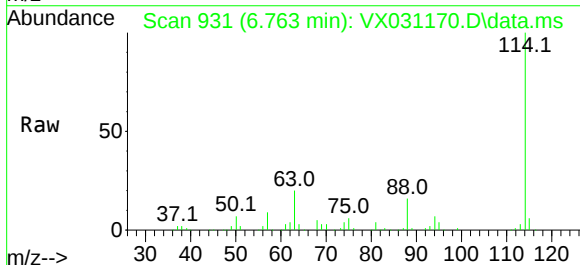
Tgt Ion: 114 Resp: 144100

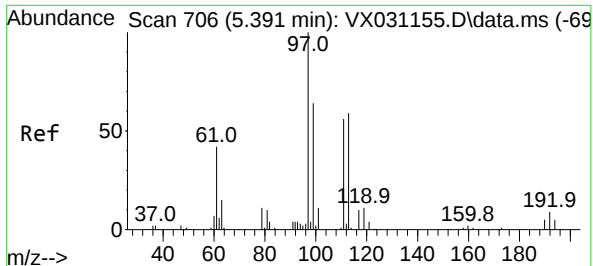
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.151 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031170.D

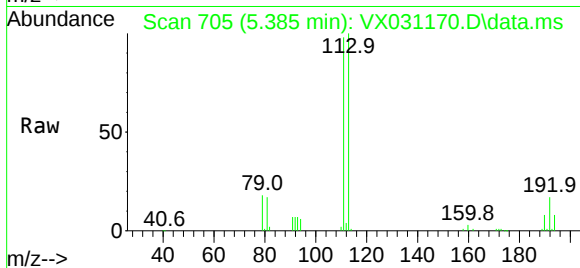
Acq: 07 Sep 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20220823DL



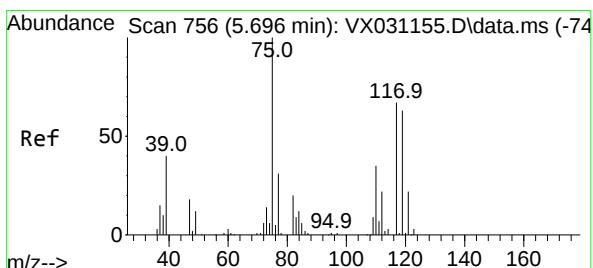
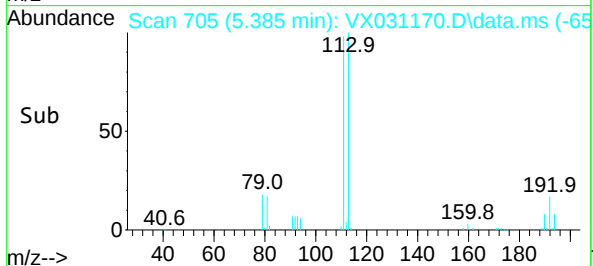
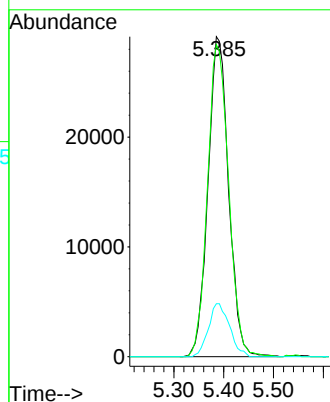
Tgt Ion:113 Resp: 83463

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

192 17.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.144 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX031170.D

Acq: 07 Sep 2022 19:36

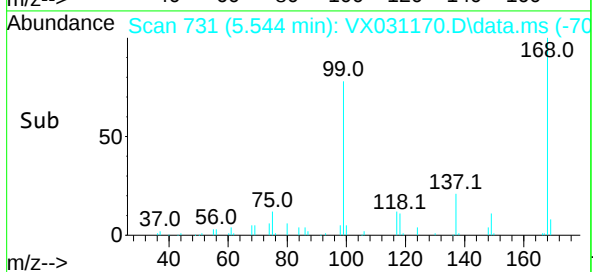
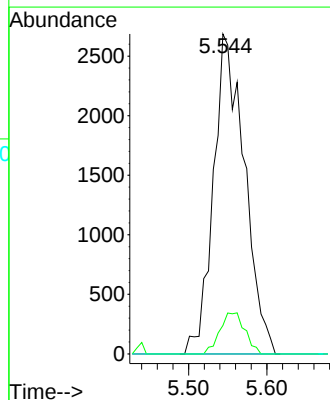
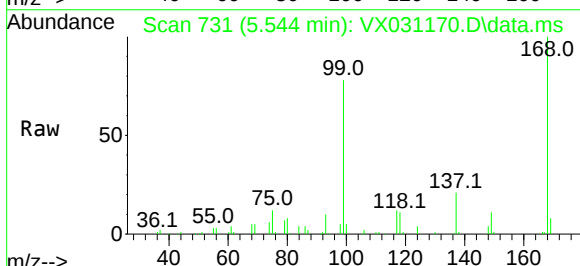
Tgt Ion: 75 Resp: 7394

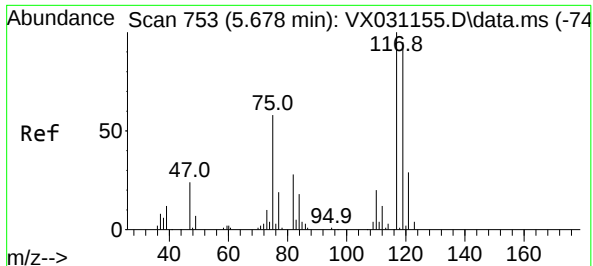
Ion Ratio Lower Upper

75 100

110 10.4 19.3 57.9#

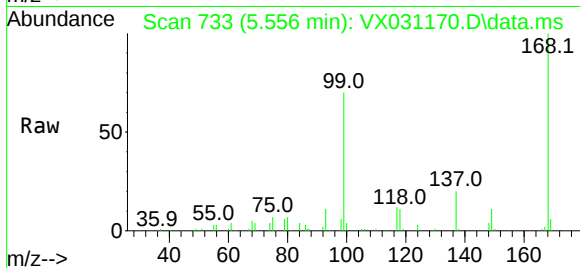
77 0.0 24.4 36.6#



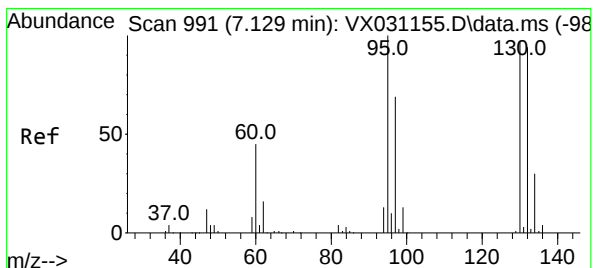
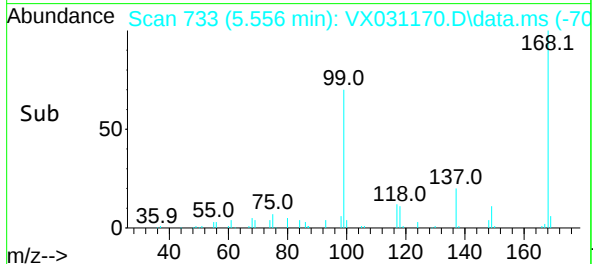
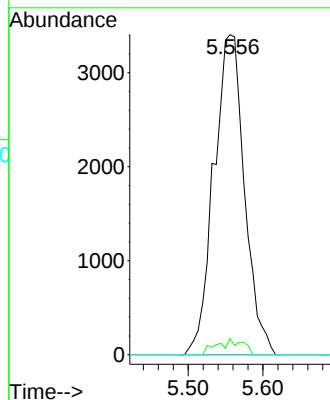


#38
Carbon Tetrachloride
Concen: 3.926 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

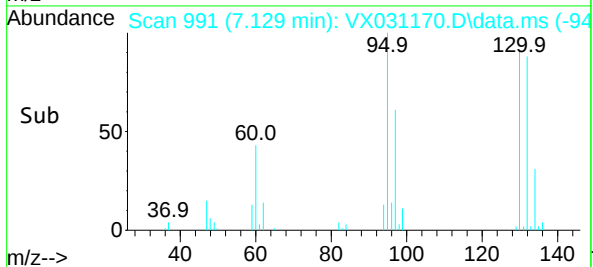
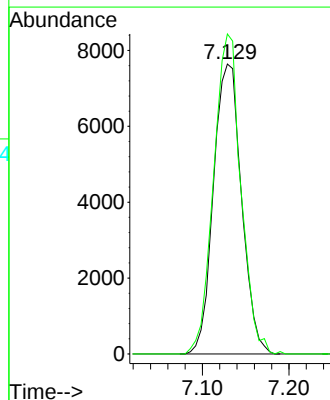
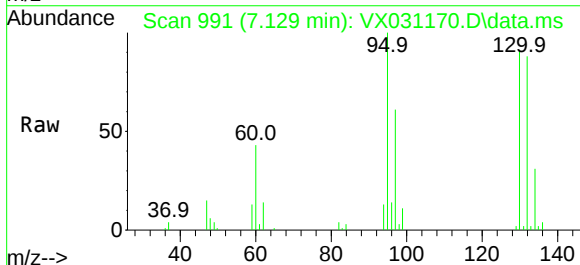


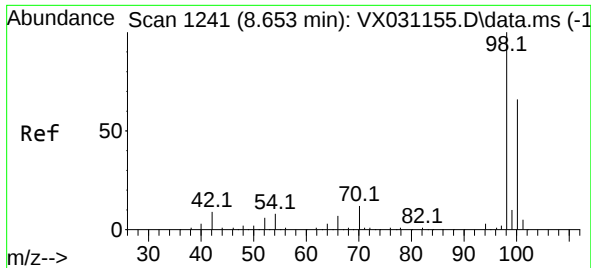
Tgt Ion:117 Resp: 9713
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 9.570 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion:130 Resp: 17185
Ion Ratio Lower Upper
130 100
95 110.4 0.0 194.8

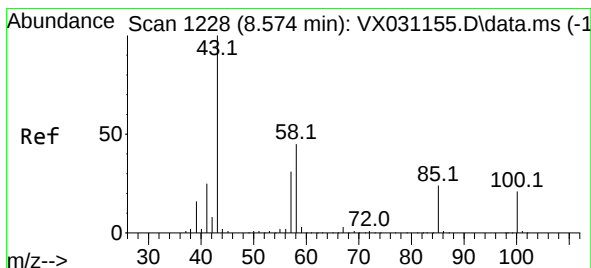
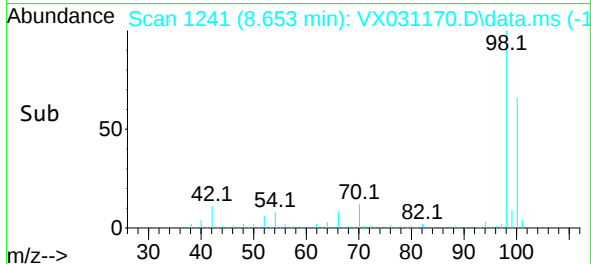
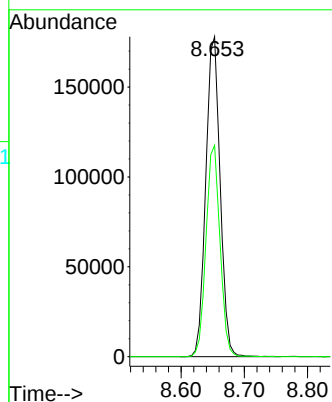
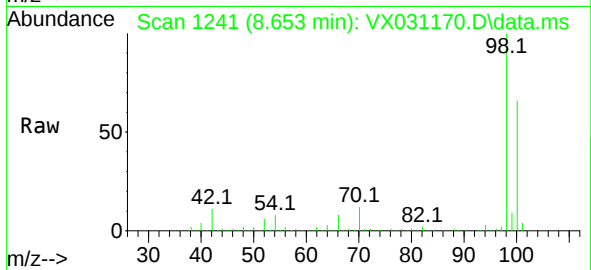




#50
Toluene-d8
Concen: 49.402 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

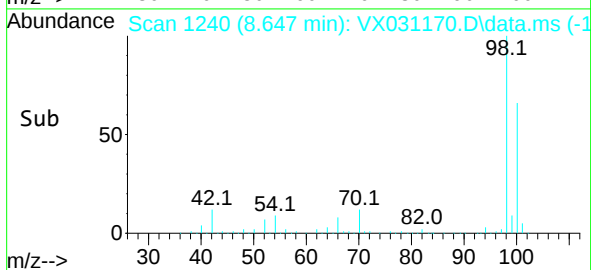
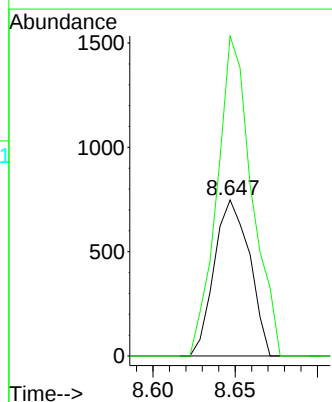
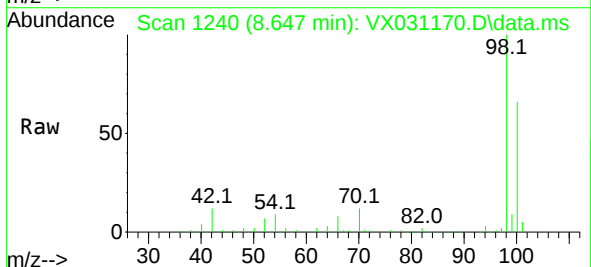
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

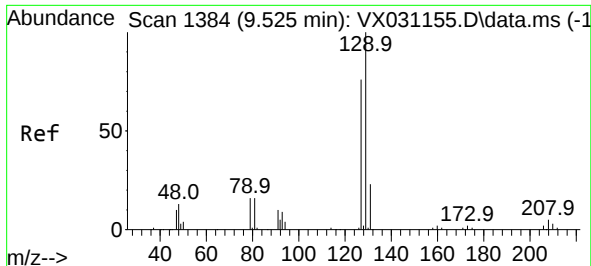
Tgt Ion: 98 Resp: 281848
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 201.8 31.4 47.2#

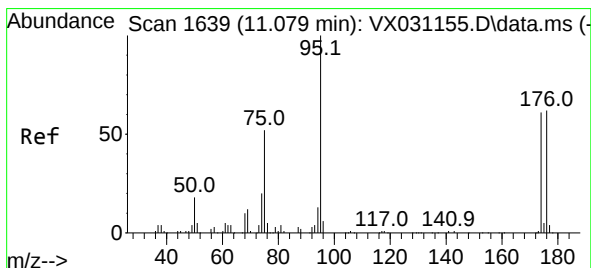
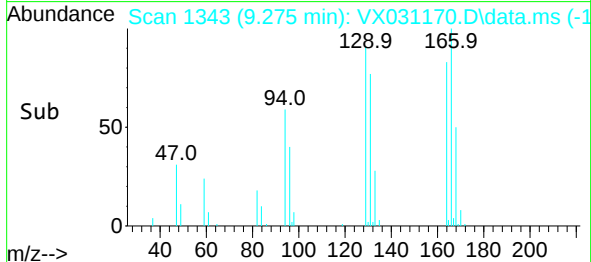
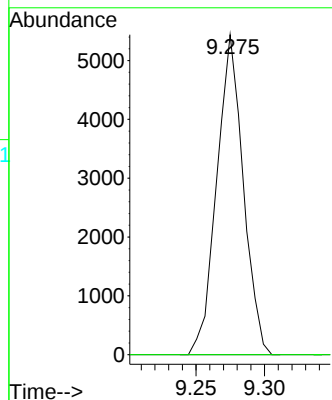
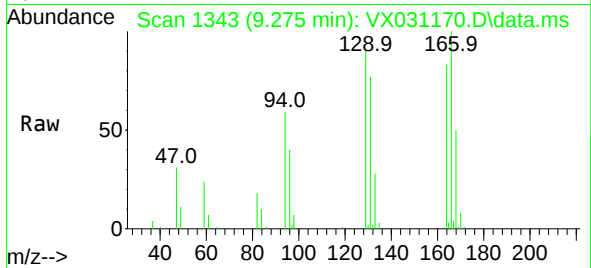




#60
Dibromochloromethane
Concen: 4.094 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

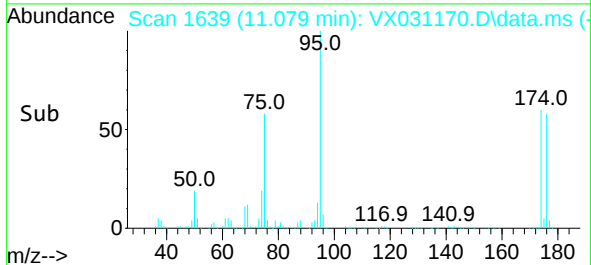
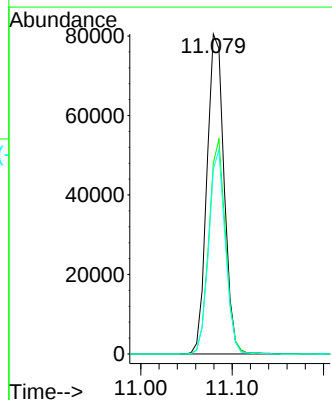
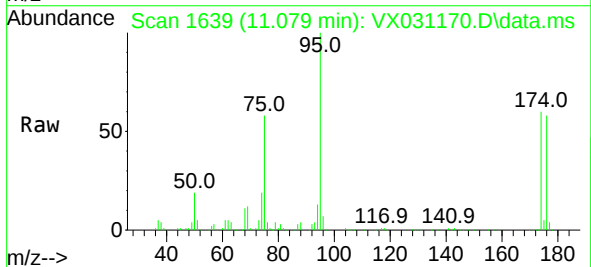
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823DL

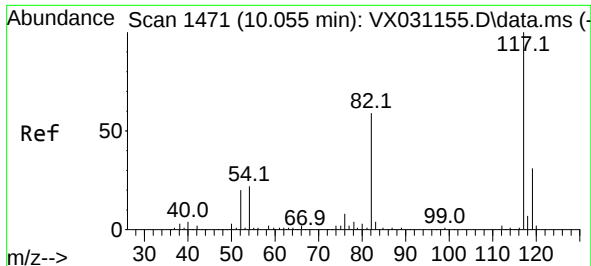
Tgt Ion:129 Resp: 7311
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 50.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion: 95 Resp: 104748
Ion Ratio Lower Upper
95 100
174 64.9 0.0 149.0
176 61.5 0.0 146.0

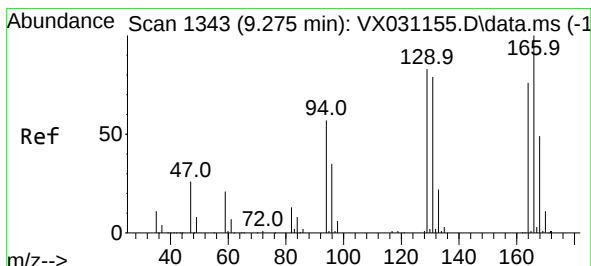
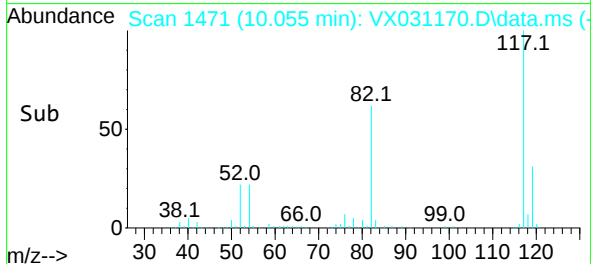
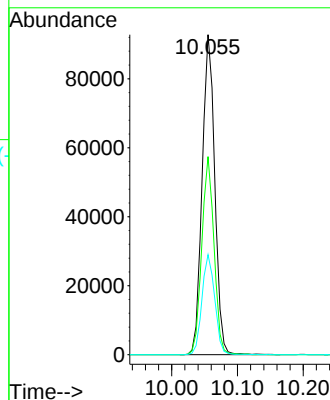
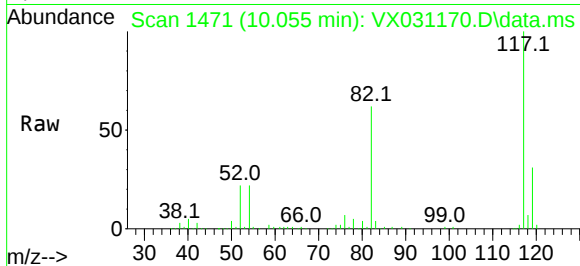




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

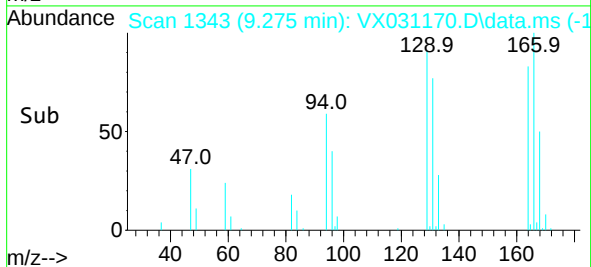
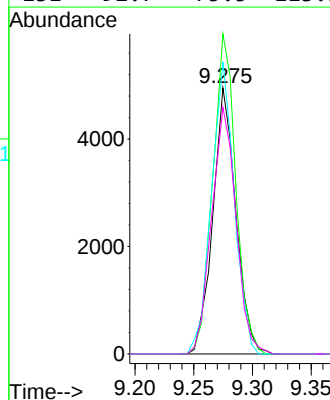
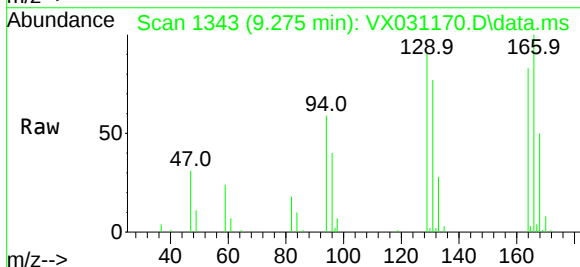
Instrument : MSVOA_X
ClientSampleId : RE134D3-20220823DL

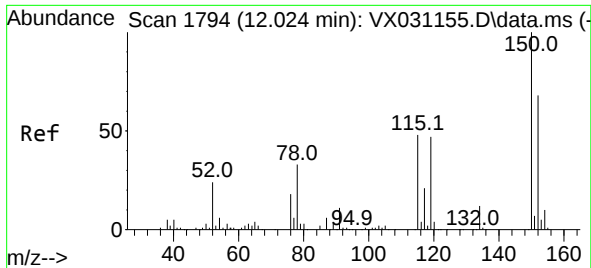
Tgt Ion:117 Resp: 124094
Ion Ratio Lower Upper
117 100
82 61.9 42.7 64.1
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 5.242 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031170.D
Acq: 07 Sep 2022 19:36

Tgt Ion:164 Resp: 6772
Ion Ratio Lower Upper
164 100
166 120.3 98.2 147.4
129 109.8 80.8 121.2
131 92.7 75.5 113.3

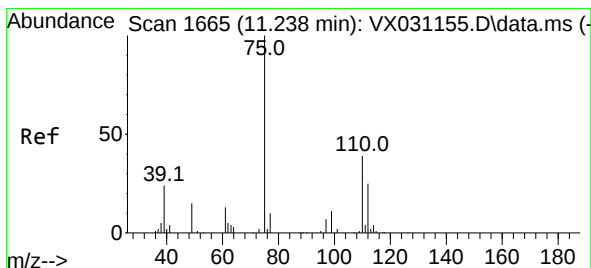
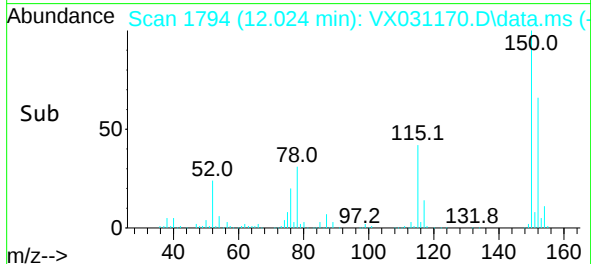
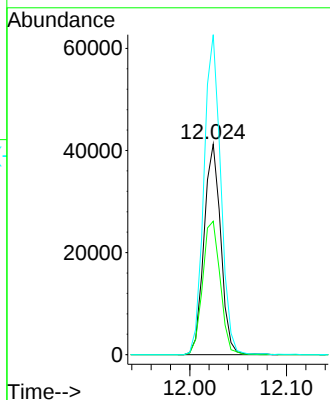
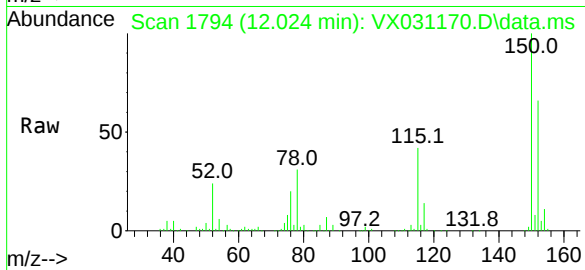




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031170.D
 Acq: 07 Sep 2022 19:36

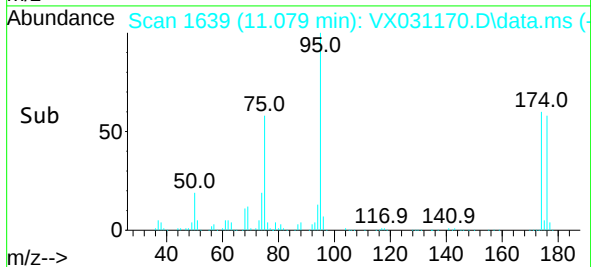
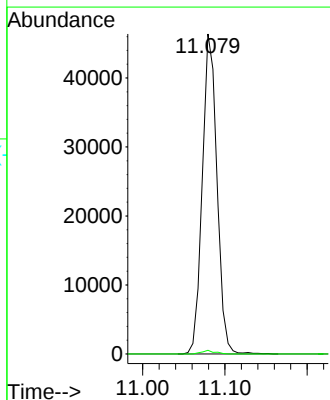
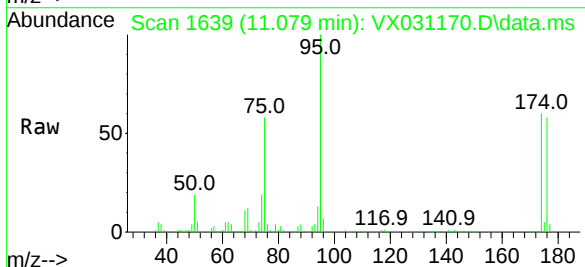
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20220823DL

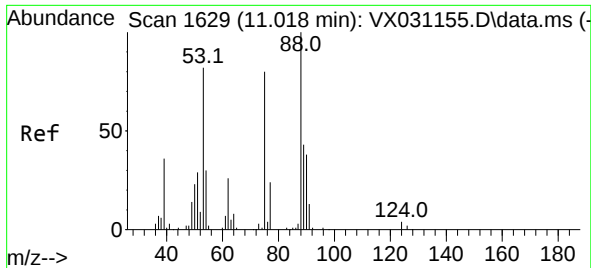
Tgt Ion:152 Resp: 49700
 Ion Ratio Lower Upper
 152 100
 115 66.7 40.5 121.5
 150 152.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 42.505 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031170.D
 Acq: 07 Sep 2022 19:36

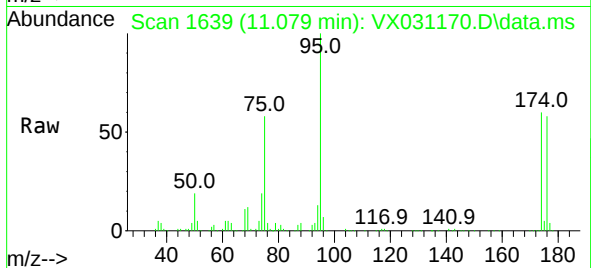
Tgt Ion: 75 Resp: 57653
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.073 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031170.D
 Acq: 07 Sep 2022 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20220823DL



Tgt Ion:	75	Resp:	57653
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.1	34.8	52.2#

