

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032921.D
 Acq On : 18 Nov 2022 13:46
 Operator : JC/MD
 Sample : N5671-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20221115DL

Quant Time: Nov 19 03:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

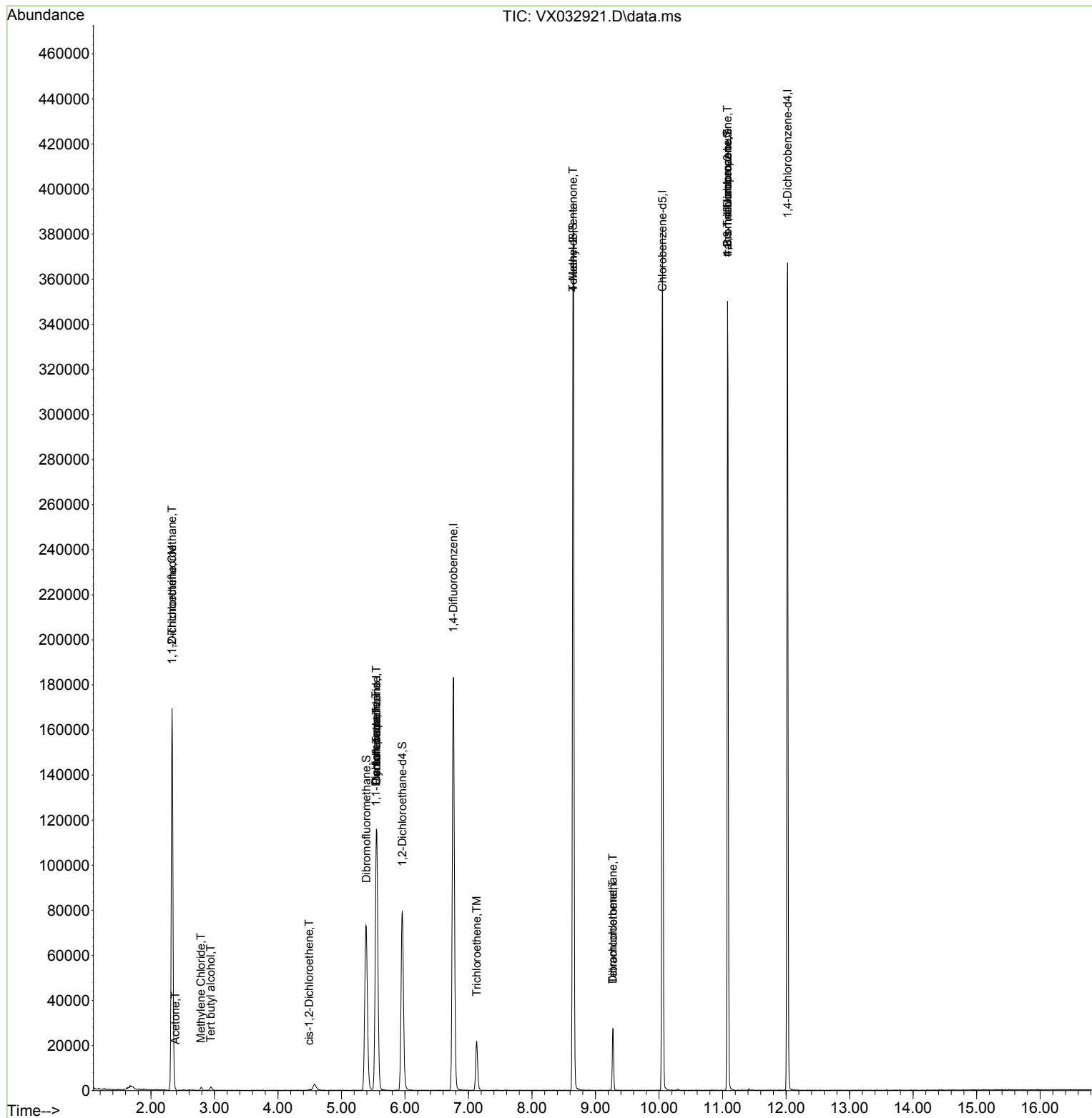
Internal Standards						
1) Pentafluorobenzene	5.550	168	111366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81465	52.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.300%	
35) Dibromofluoromethane	5.391	113	63968	47.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.980%	
50) Toluene-d8	8.647	98	232595	50.187	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.079	95	87375	48.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.520%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	64416	53.879	ug/l	99
11) Tert butyl alcohol	2.941	59	1011	4.489	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	583	0.522	ug/l #	50
16) Acetone	2.386	43	352	0.626	ug/l #	45
20) Methylene Chloride	2.788	84	695	0.539	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	320	0.228	ug/l	48
31) Cyclohexane	5.550	56	2498	1.331	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	8475	4.566	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11602	5.636	ug/l #	15
44) Trichloroethene	7.129	130	8840	5.979	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1003	0.537	ug/l #	1
60) Dibromochloromethane	9.275	129	5021	3.185	ug/l #	11
64) Tetrachloroethene	9.275	164	5069	4.163	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	47251	27.861	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47251	88.656	ug/l #	6

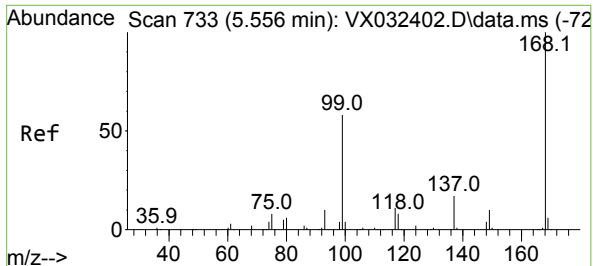
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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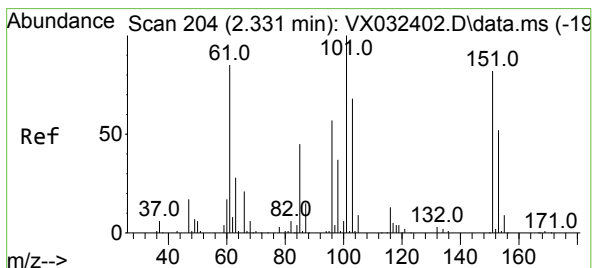
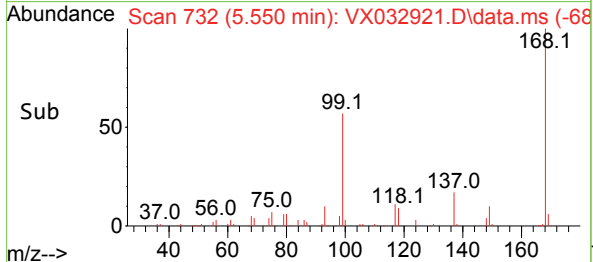
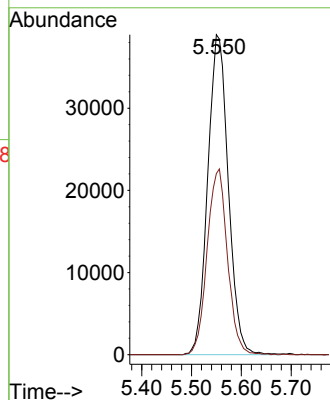
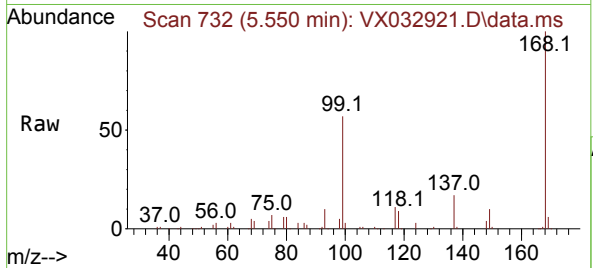




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

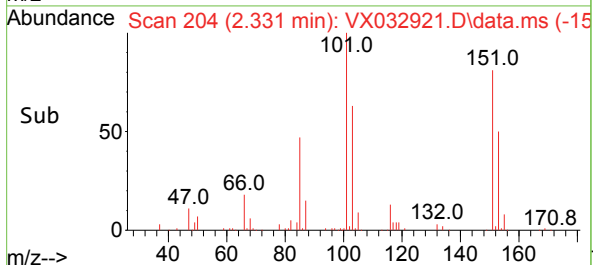
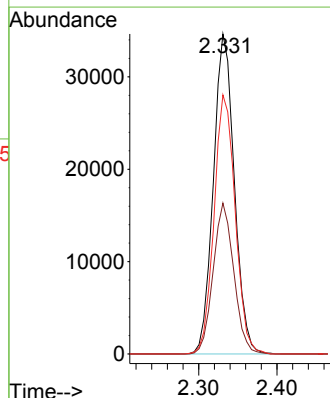
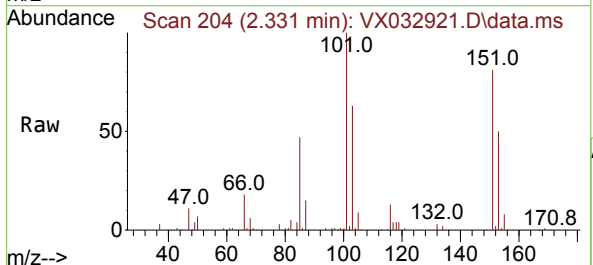
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115DL

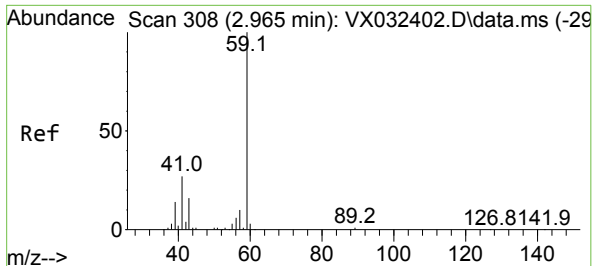
Tgt Ion:168 Resp: 111366
Ion Ratio Lower Upper
168 100
99 56.6 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.879 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

Tgt Ion:101 Resp: 64416
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.4
151 81.8 64.4 96.6





#11

Tert butyl alcohol

Concen: 4.489 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX032921.D

Acq: 18 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

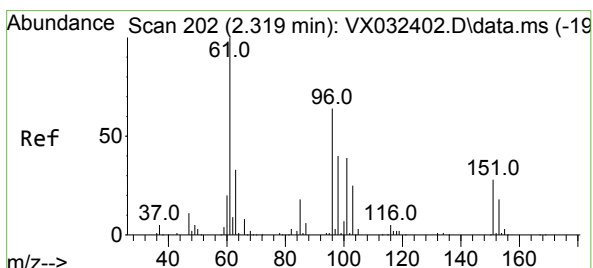
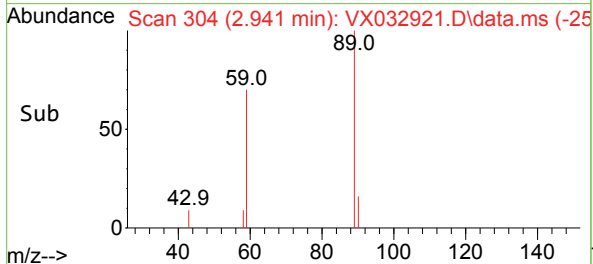
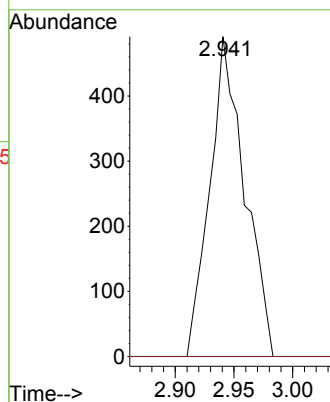
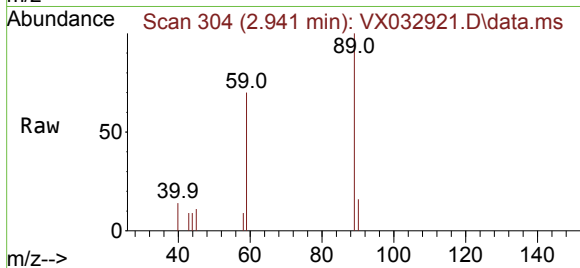
RE134D4-20221115DL

Tgt Ion: 59 Resp: 1011

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.522 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.012 min

Lab File: VX032921.D

Acq: 18 Nov 2022 13:46

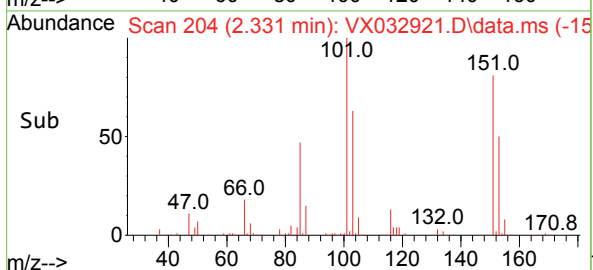
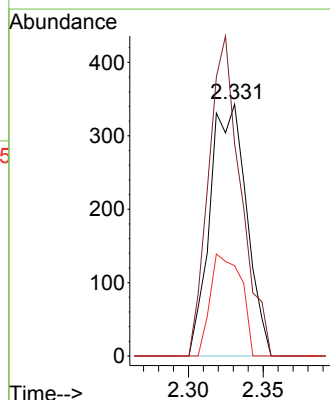
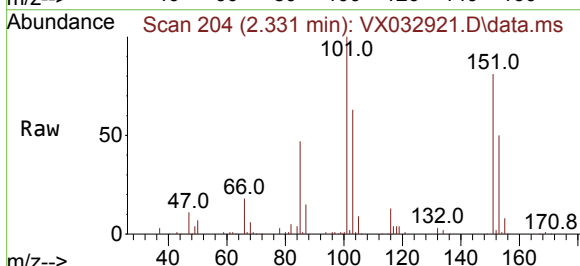
Tgt Ion: 96 Resp: 583

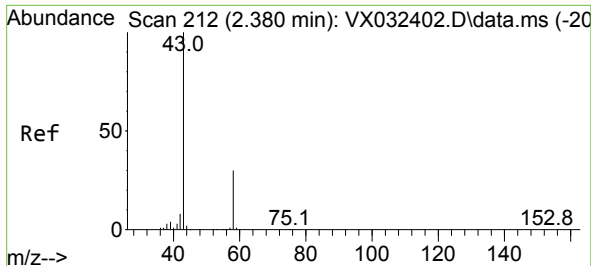
Ion Ratio Lower Upper

96 100

61 84.3 125.1 187.7#

98 35.9 50.6 76.0#





#16

Acetone

Concen: 0.626 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX032921.D

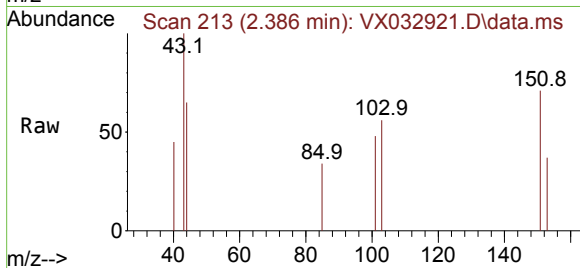
Acq: 18 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20221115DL

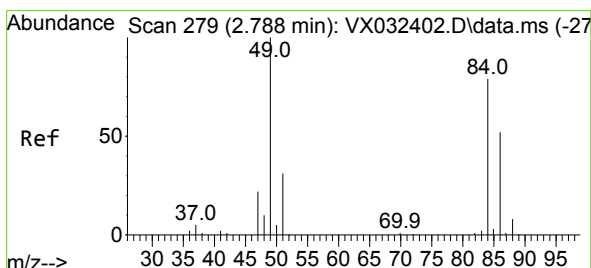
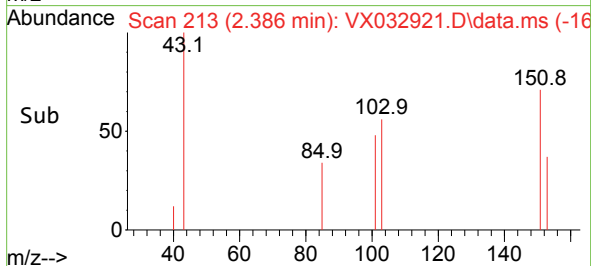
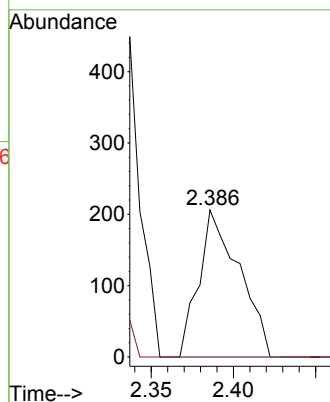


Tgt Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: 0.539 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032921.D

Acq: 18 Nov 2022 13:46

Tgt Ion: 84 Resp: 695

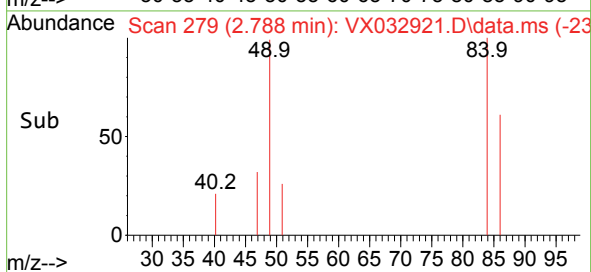
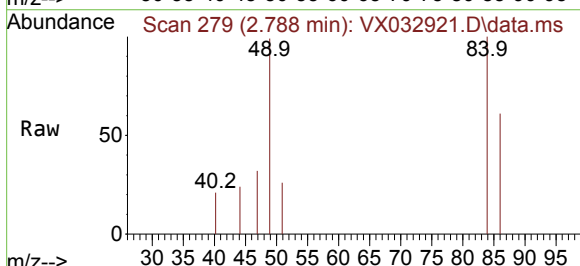
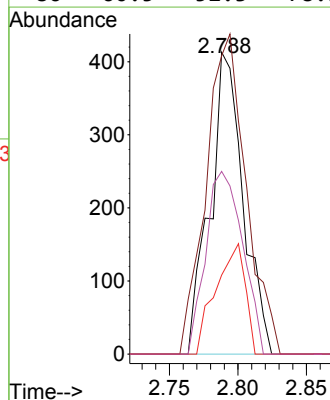
Ion Ratio Lower Upper

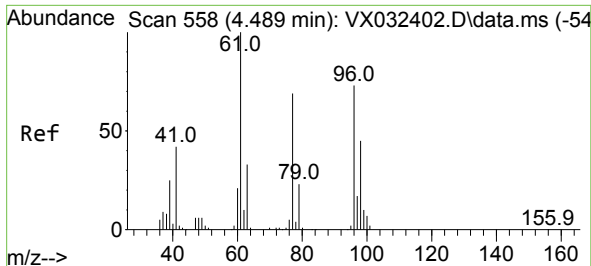
84 100

49 98.8 101.0 151.6#

51 26.2 31.1 46.7#

86 60.5 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 0.228 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032921.D

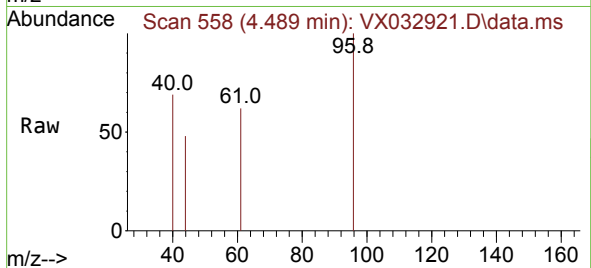
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Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20221115DL



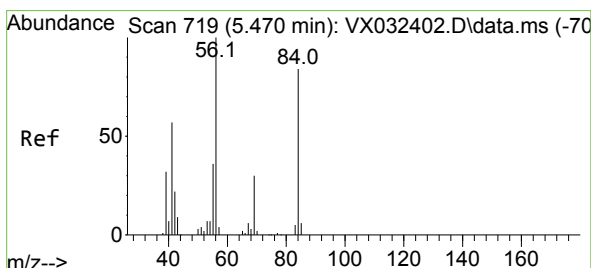
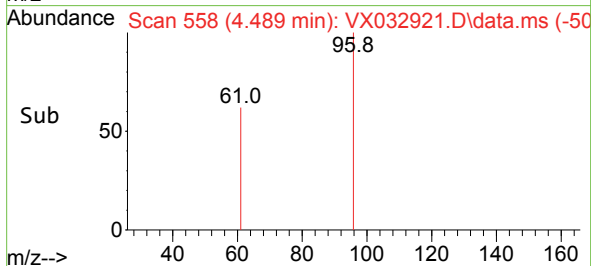
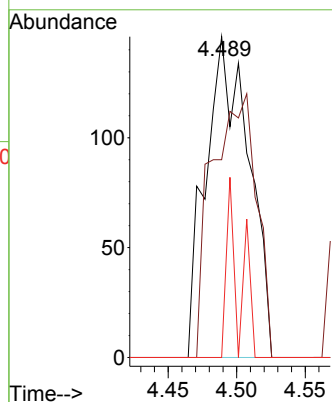
Tgt Ion: 96 Resp: 320

Ion Ratio Lower Upper

96 100

61 84.7 0.0 286.0

98 16.6 0.0 129.6



#31

Cyclohexane

Concen: 1.331 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032921.D

Acq: 18 Nov 2022 13:46

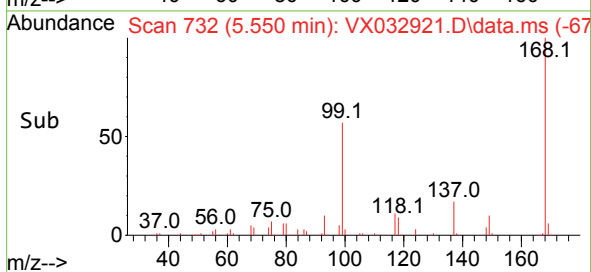
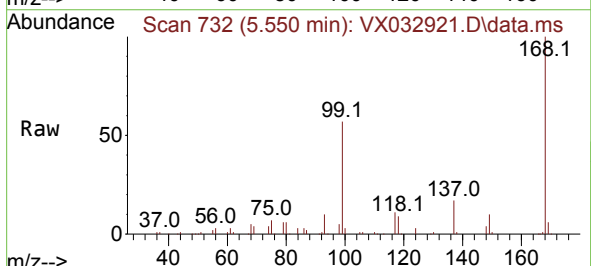
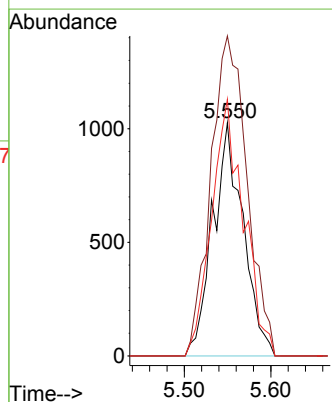
Tgt Ion: 56 Resp: 2498

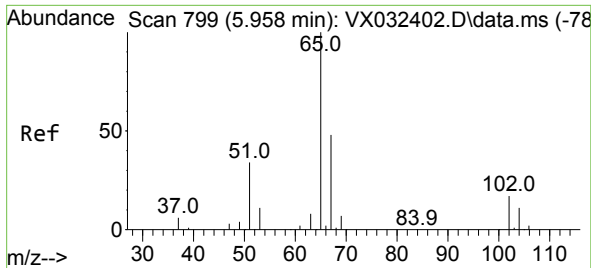
Ion Ratio Lower Upper

56 100

69 137.2 24.1 36.1#

84 110.0 66.9 100.3#

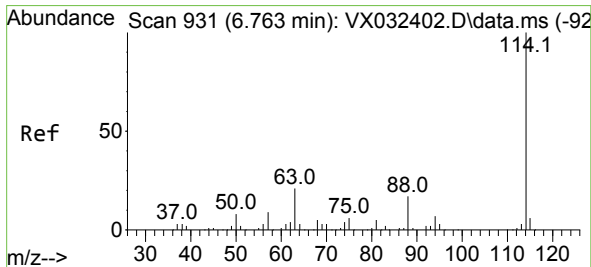
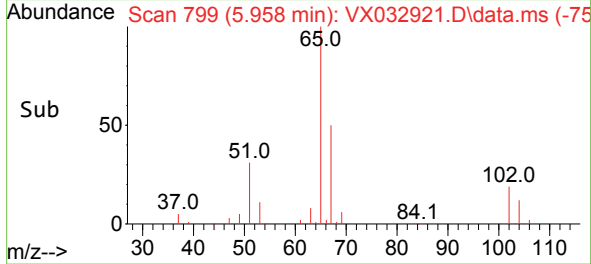
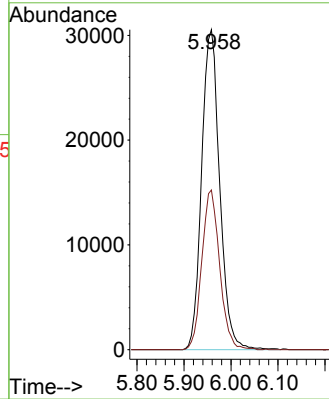
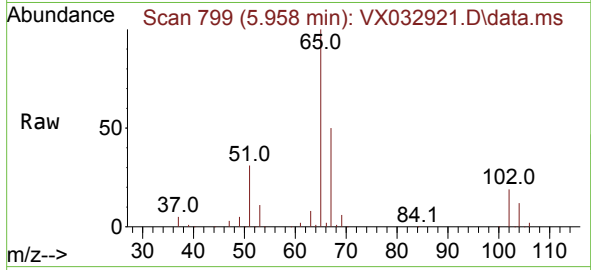




#33
1,2-Dichloroethane-d4
Concen: 52.646 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

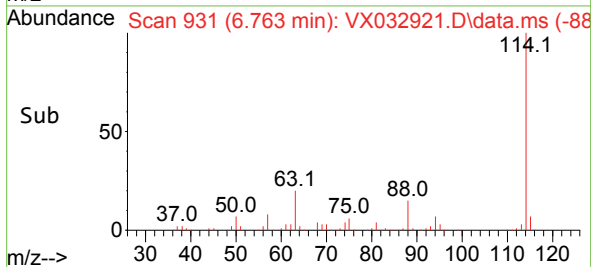
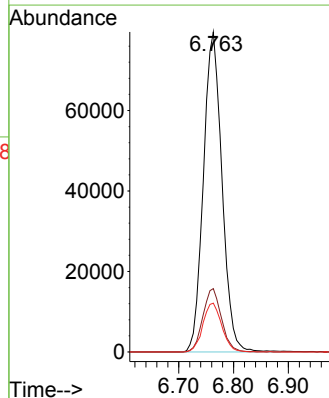
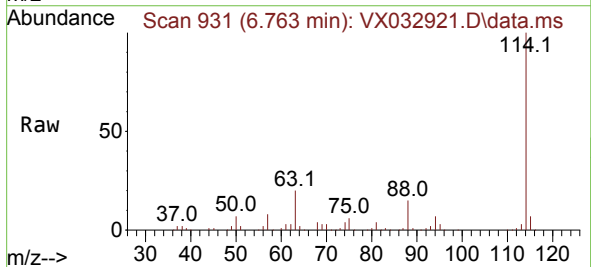
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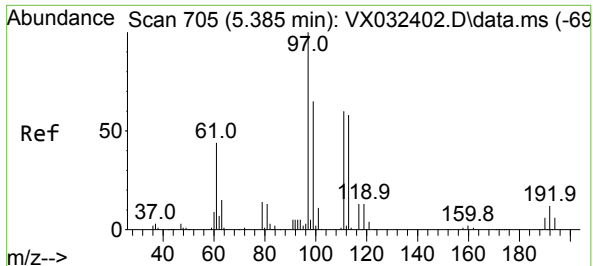
Tgt Ion: 65 Resp: 81465
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

Tgt Ion: 114 Resp: 186853
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.3 0.0 33.4

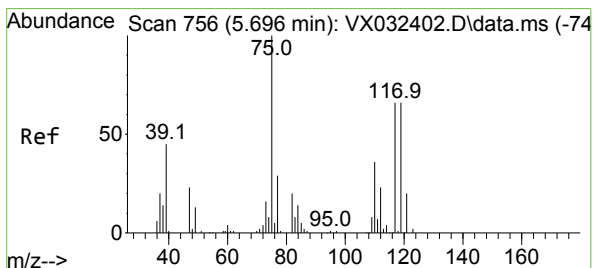
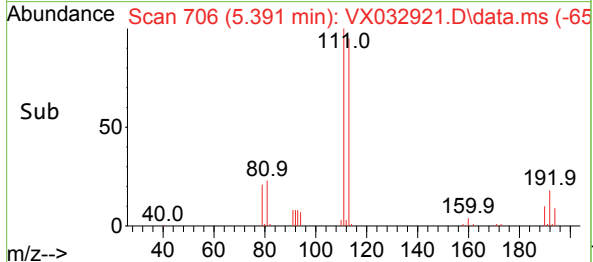
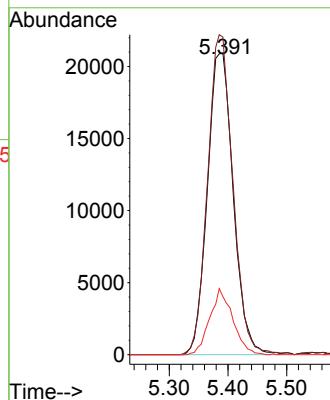
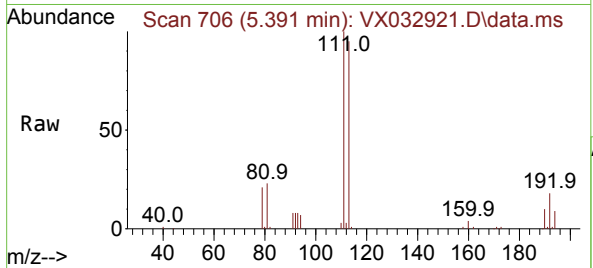




#35
Dibromofluoromethane
Concen: 47.994 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

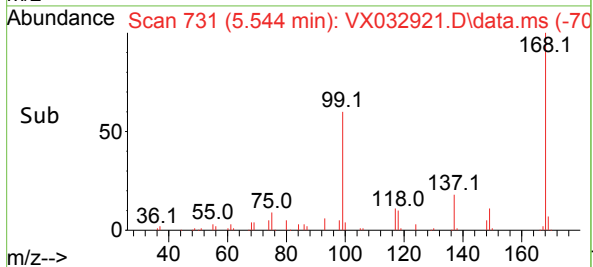
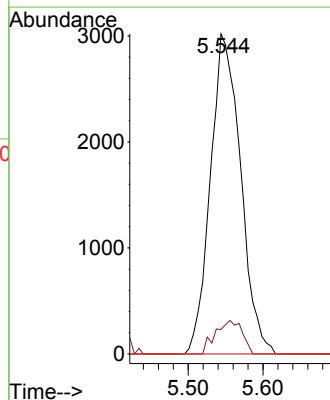
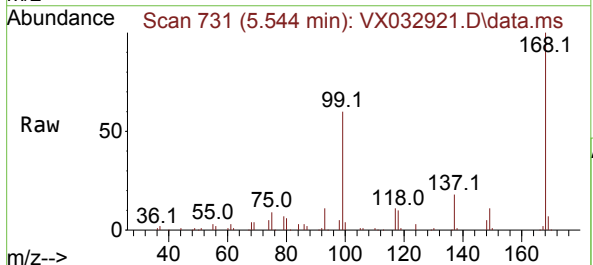
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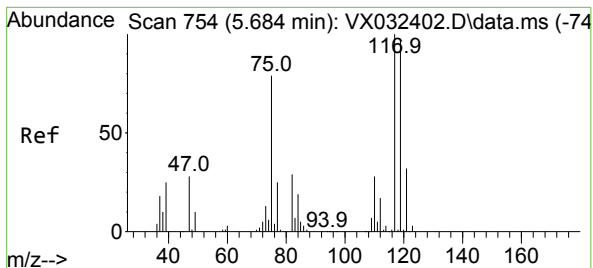
Tgt Ion:113 Resp: 63968
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.566 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

Tgt Ion: 75 Resp: 8475
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.636 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX032921.D

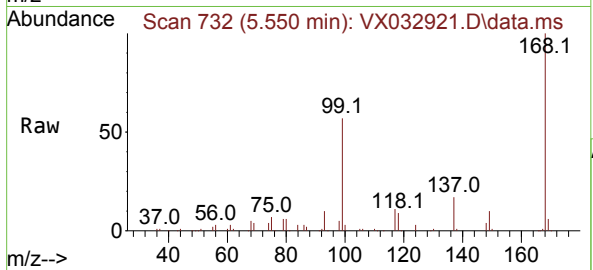
Acq: 18 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20221115DL



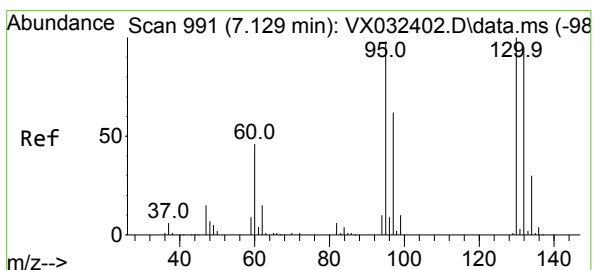
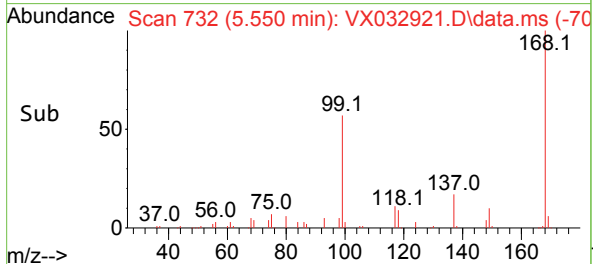
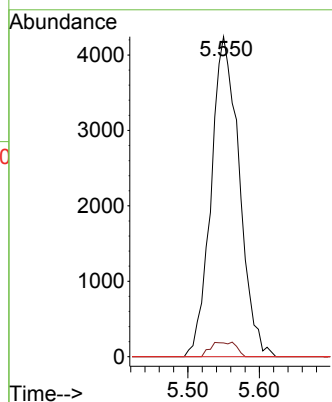
Tgt Ion:117 Resp: 11602

Ion Ratio Lower Upper

117 100

119 4.3 77.2 115.8#

121 0.0 25.8 38.6#



#44

Trichloroethene

Concen: 5.979 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032921.D

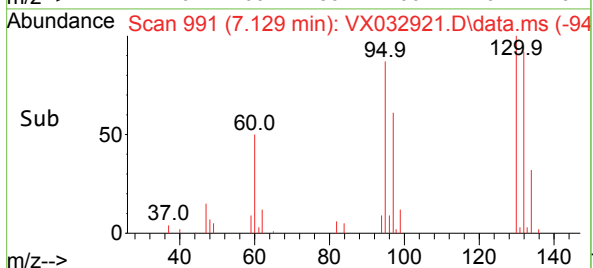
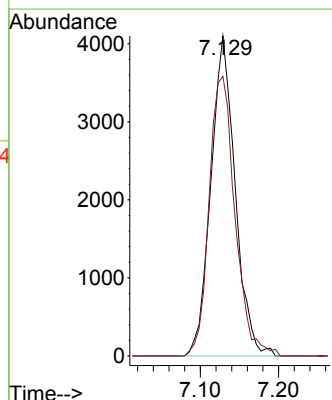
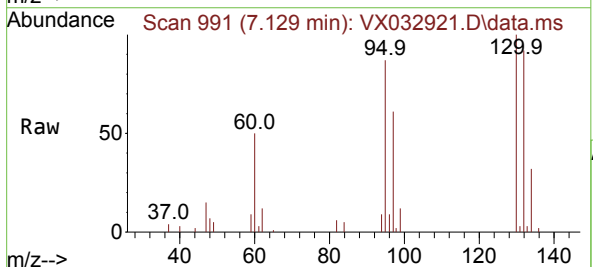
Acq: 18 Nov 2022 13:46

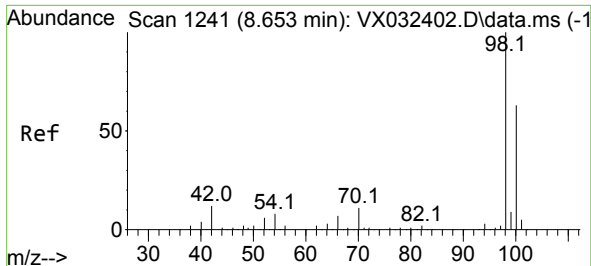
Tgt Ion:130 Resp: 8840

Ion Ratio Lower Upper

130 100

95 87.4 0.0 195.2

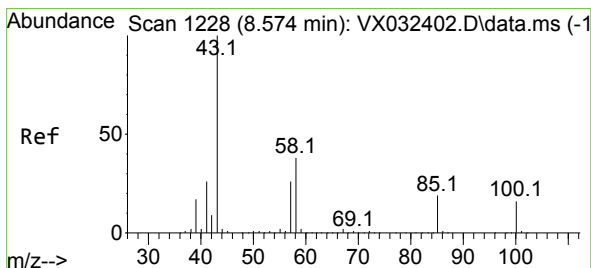
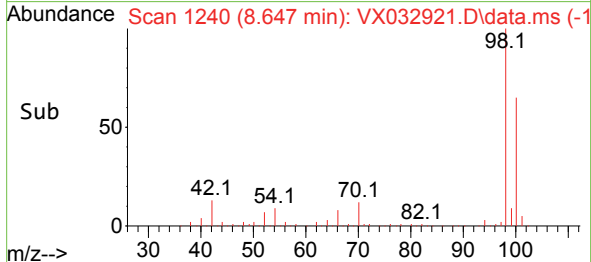
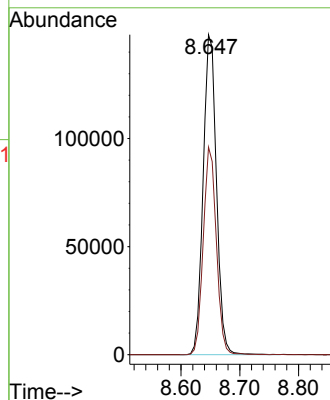
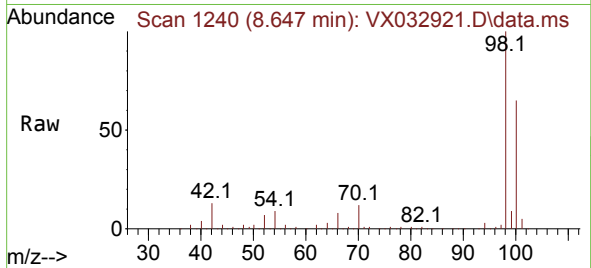




#50
Toluene-d8
Concen: 50.187 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

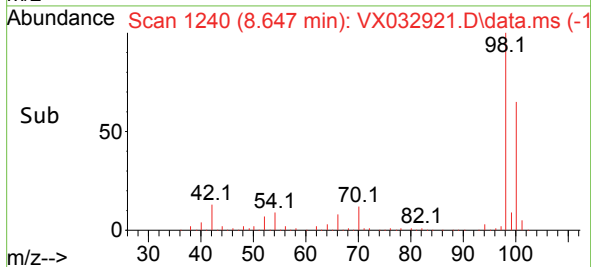
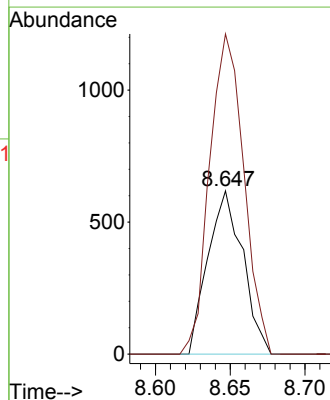
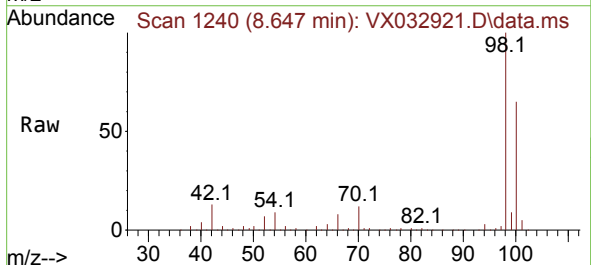
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115DL

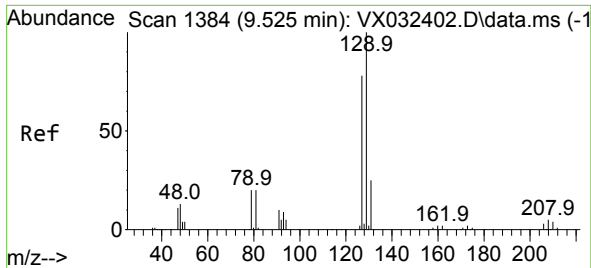
Tgt Ion: 98 Resp: 232595
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 192.5 30.9 46.3#

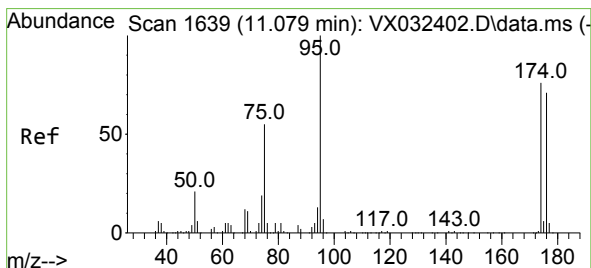
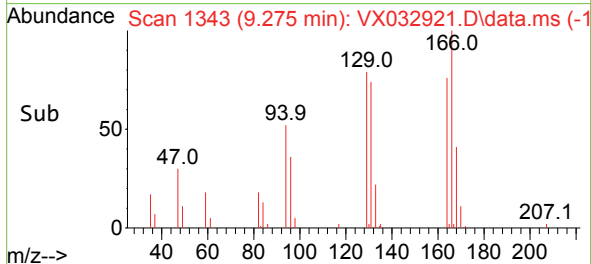
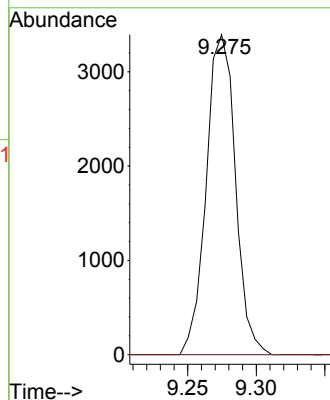
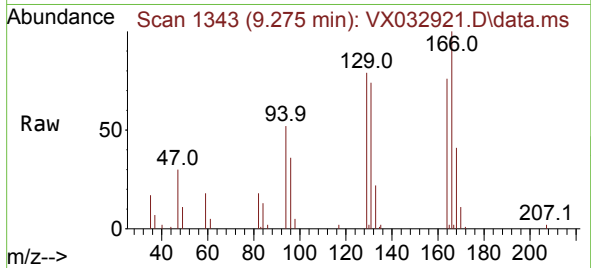




#60
Dibromochloromethane
Concen: 3.185 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

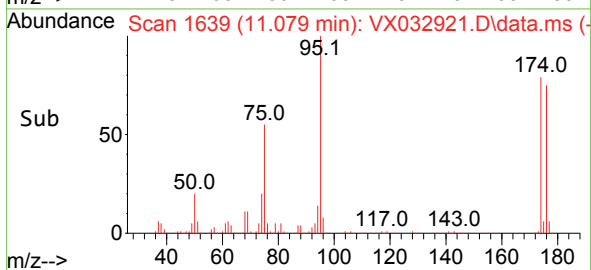
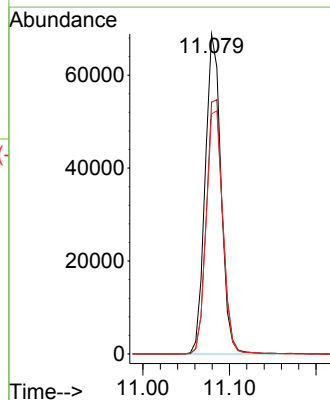
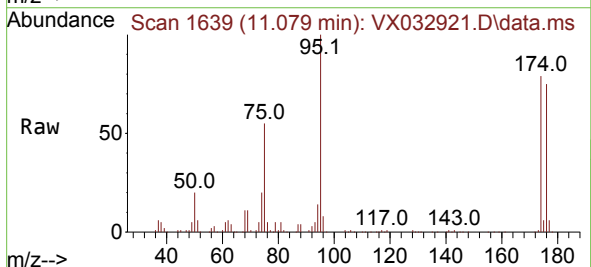
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115DL

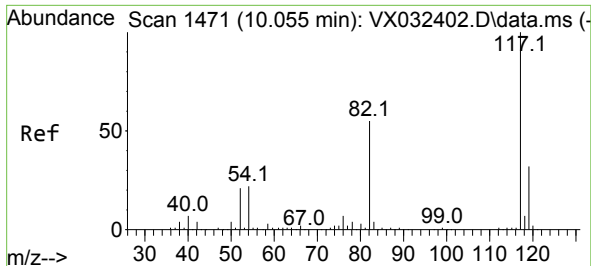
Tgt Ion:129 Resp: 5021
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 48.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

Tgt Ion: 95 Resp: 87375
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 79.7 0.0 154.4

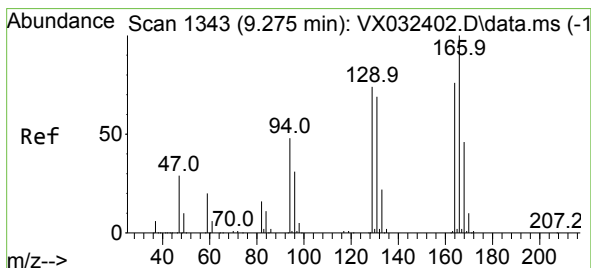
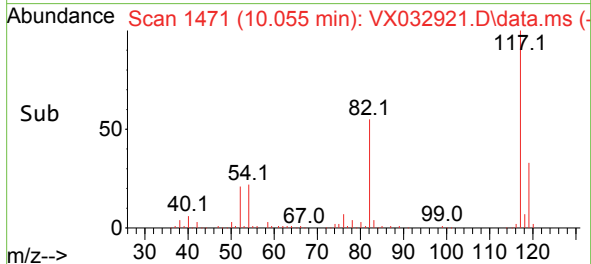
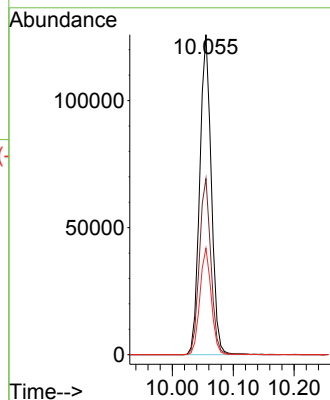
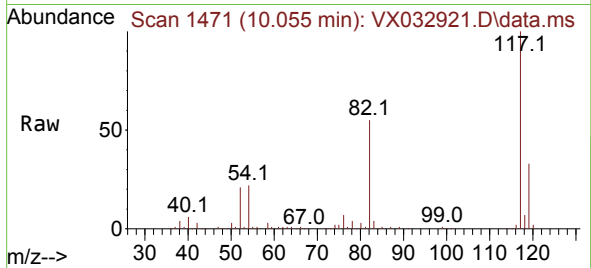




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

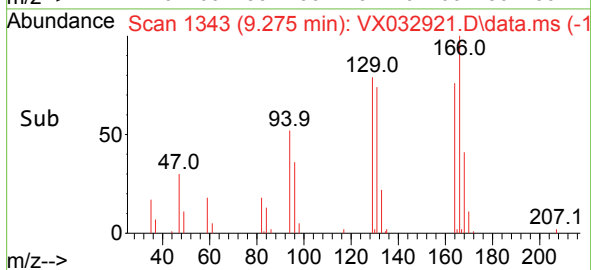
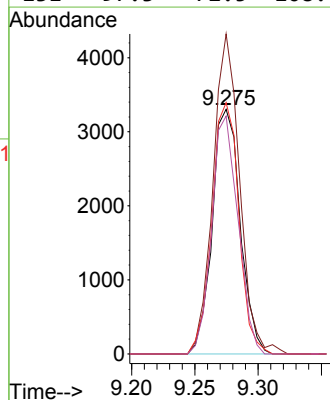
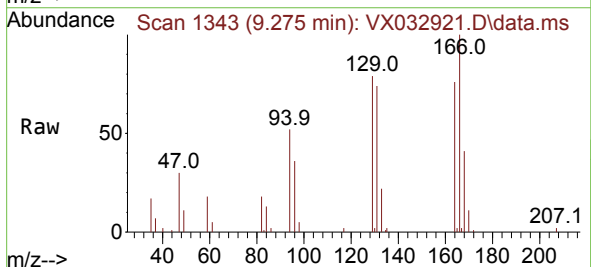
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20221115DL

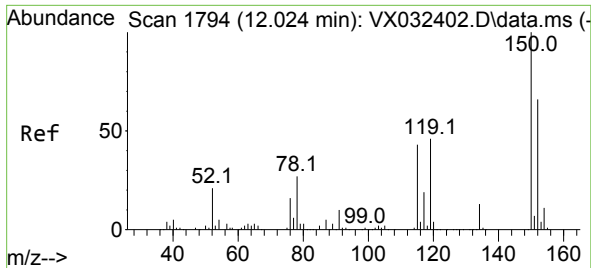
Tgt Ion:117 Resp: 166351
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 4.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032921.D
Acq: 18 Nov 2022 13:46

Tgt Ion:164 Resp: 5069
Ion Ratio Lower Upper
164 100
166 130.8 105.4 158.2
129 102.8 78.2 117.2
131 97.3 72.5 108.7

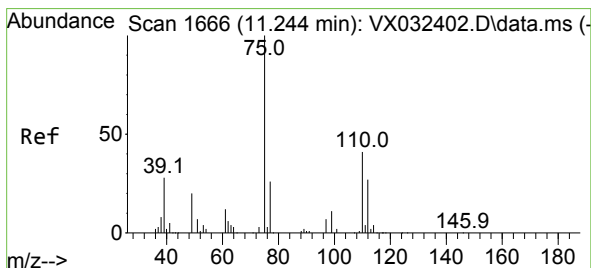
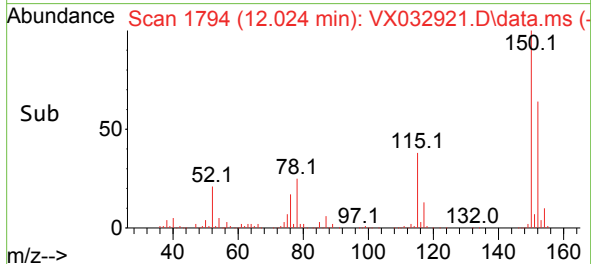
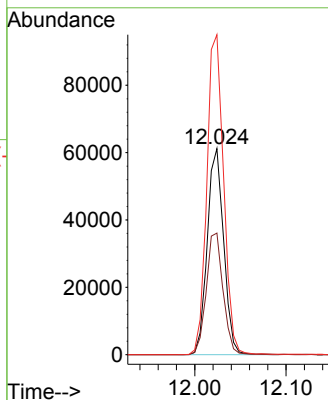
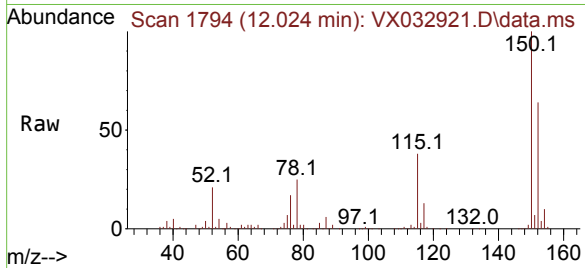




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032921.D
 Acq: 18 Nov 2022 13:46

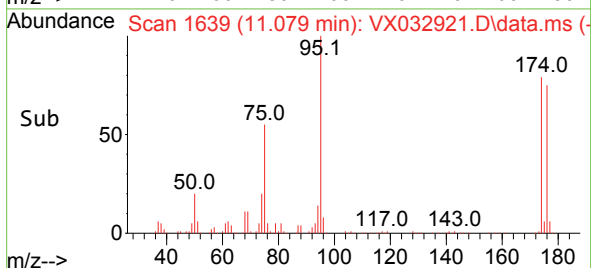
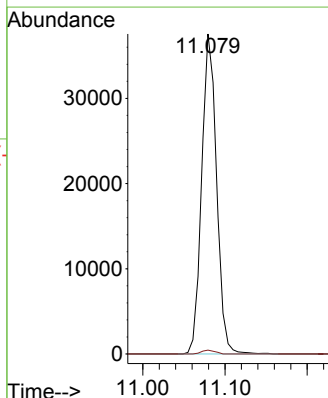
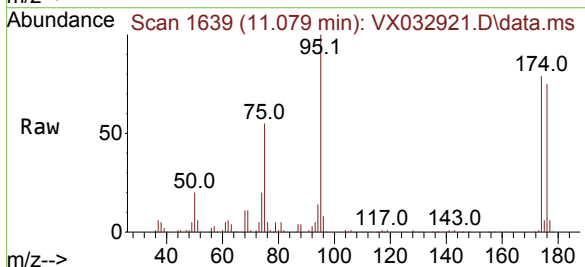
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20221115DL

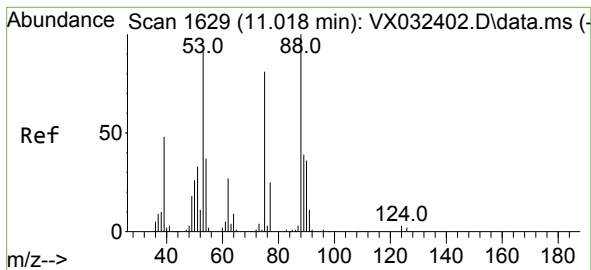
Tgt Ion:152 Resp: 76230
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.0 132.0
 150 158.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.861 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032921.D
 Acq: 18 Nov 2022 13:46

Tgt Ion: 75 Resp: 47251
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.656 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032921.D
 Acq: 18 Nov 2022 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20221115DL

Tgt Ion: 75 Resp: 47251
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

