

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032923.D
 Acq On : 18 Nov 2022 14:32
 Operator : JC/MD
 Sample : N5671-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20221115DL

Quant Time: Nov 19 03:05:53 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)

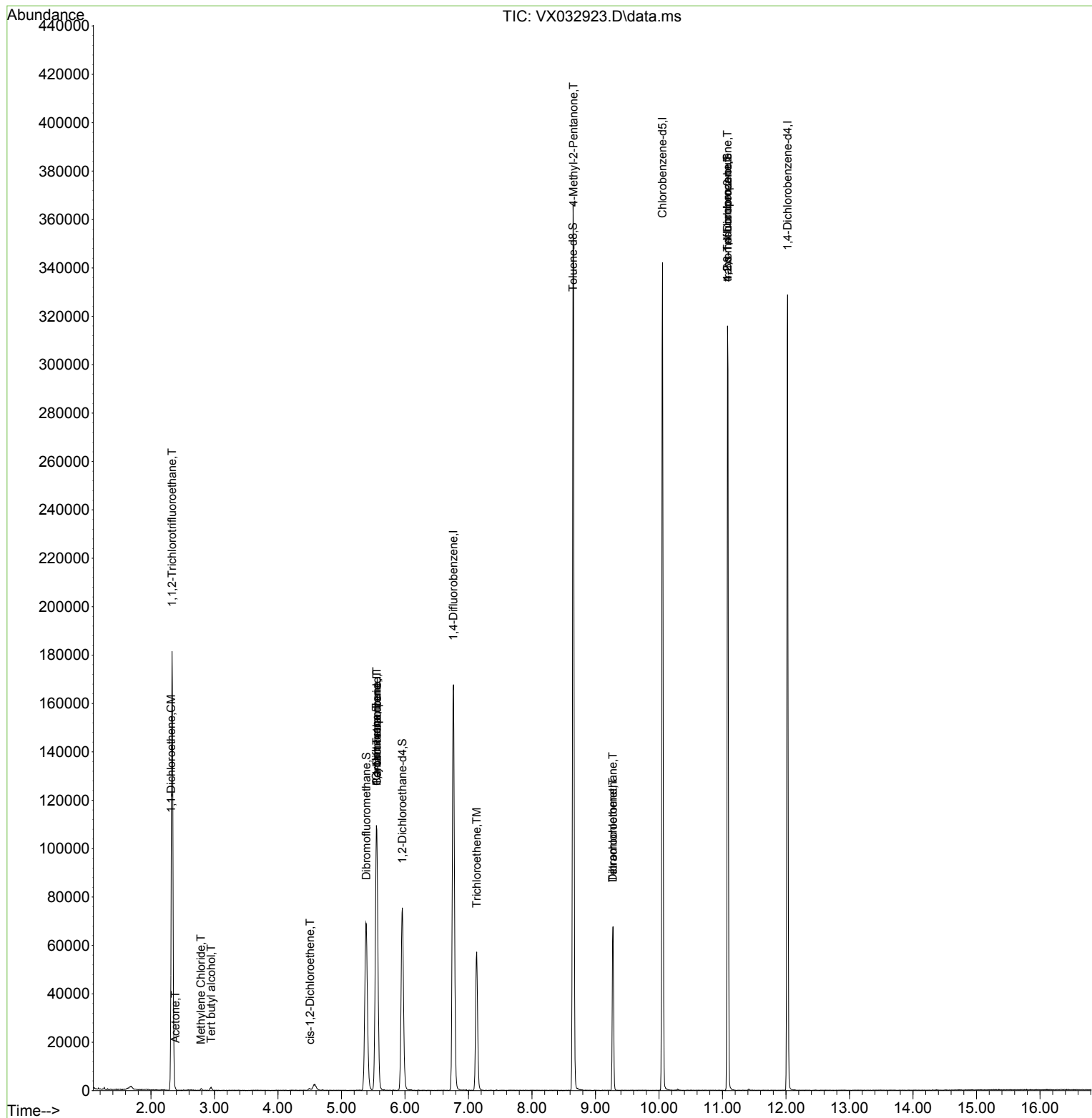
Internal Standards						
1) Pentafluorobenzene	5.556	168	105201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74970	51.288	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.580%			
35) Dibromofluoromethane	5.391	113	59619	48.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.900%			
50) Toluene-d8	8.647	98	216937	50.697	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	80469	48.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.280%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	67538	59.801	ug/l	98
11) Tert butyl alcohol	2.947	59	790	3.713	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	524	0.497	ug/l #	69
16) Acetone	2.386	43	162	0.305	ug/l #	45
20) Methylene Chloride	2.788	84	336	0.276	ug/l	90
27) cis-1,2-Dichloroethene	4.507	96	489	0.368	ug/l	96
31) Cyclohexane	5.550	56	2133	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8204	4.787	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10844	5.705	ug/l #	17
44) Trichloroethene	7.129	130	22233	16.286	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	945	0.548	ug/l #	1
60) Dibromochloromethane	9.275	129	12035	8.269	ug/l #	11
64) Tetrachloroethene	9.275	164	12281	10.944	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	44003	29.290	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44003	93.202	ug/l #	6

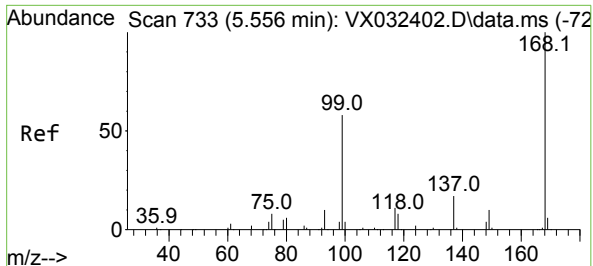
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

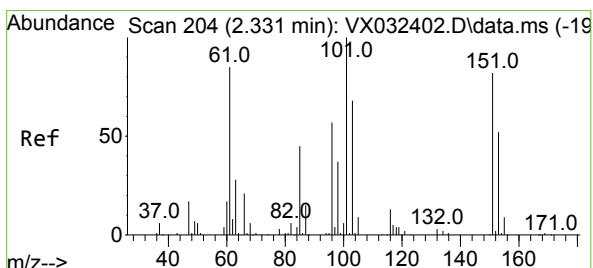
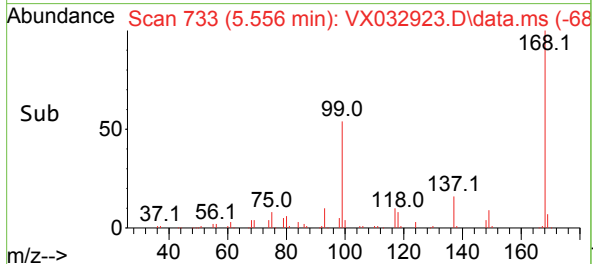
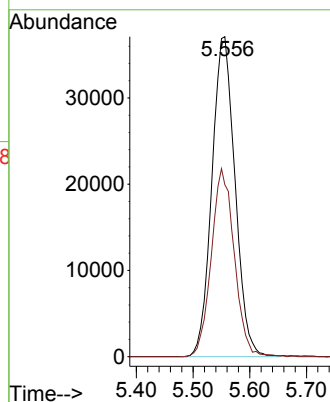
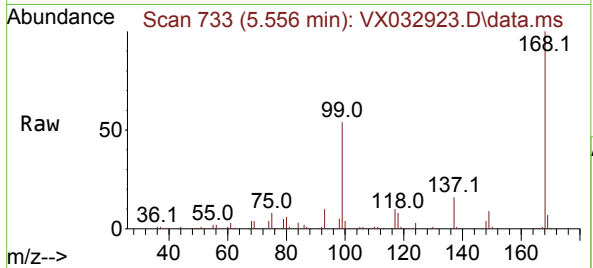




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

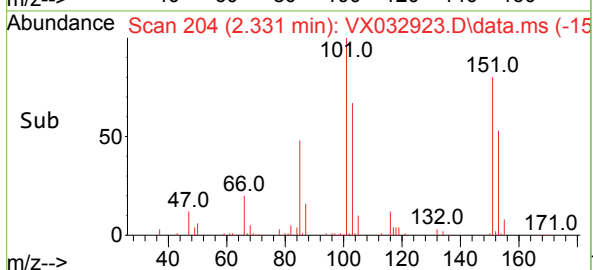
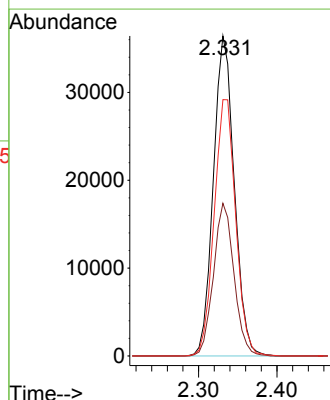
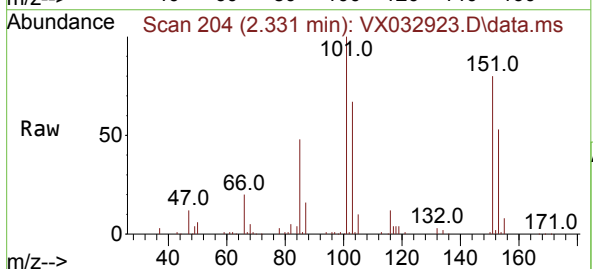
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20221115DL

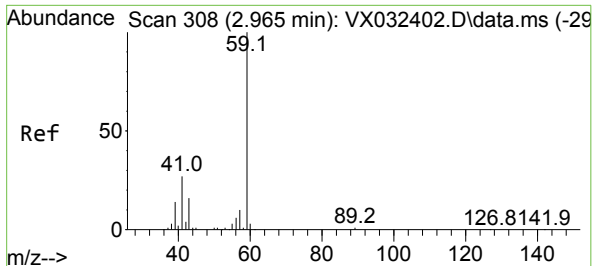
Tgt Ion:168 Resp: 105201
Ion Ratio Lower Upper
168 100
99 53.7 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.801 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

Tgt Ion:101 Resp: 67538
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.4
151 82.7 64.4 96.6





#11

Tert butyl alcohol

Concen: 3.713 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

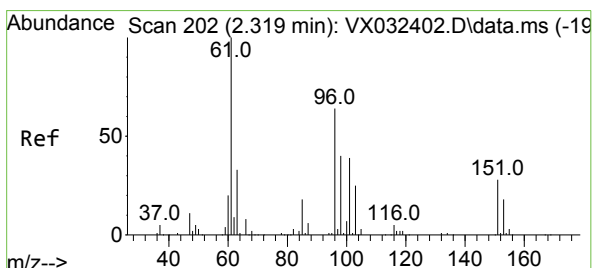
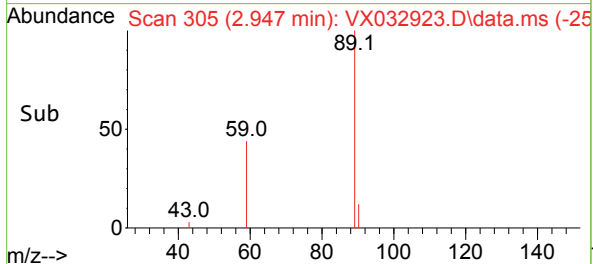
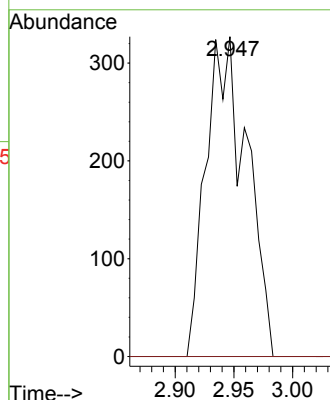
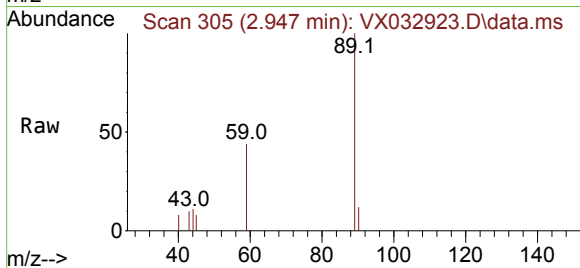
RE134D3-20221115DL

Tgt Ion: 59 Resp: 790

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.497 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

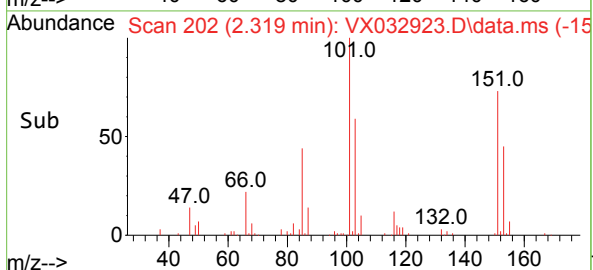
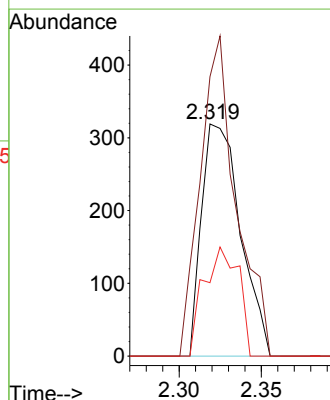
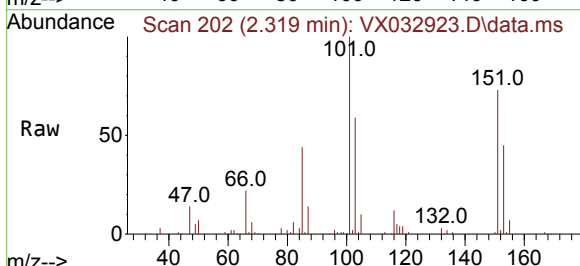
Tgt Ion: 96 Resp: 524

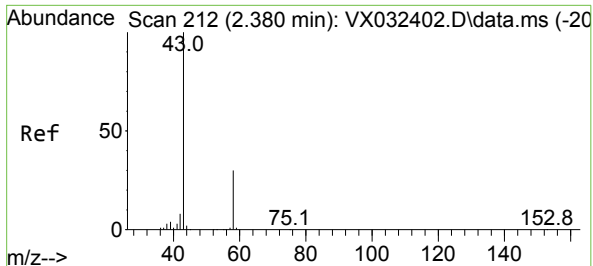
Ion Ratio Lower Upper

96 100

61 120.4 125.1 187.7#

98 31.7 50.6 76.0#





#16

Acetone

Concen: 0.305 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

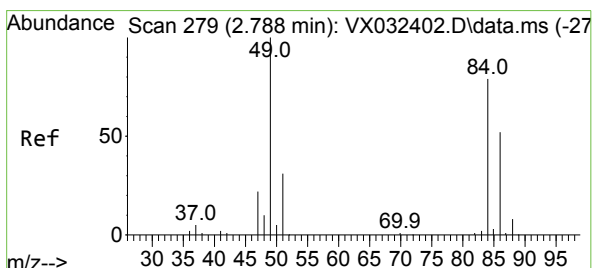
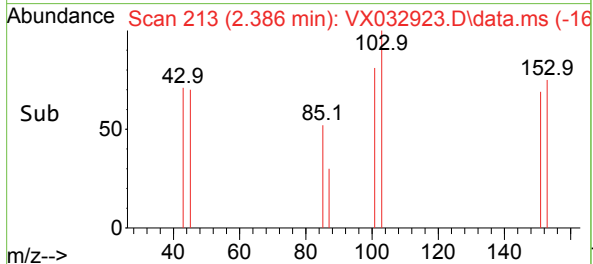
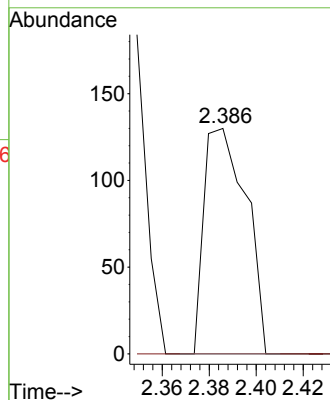
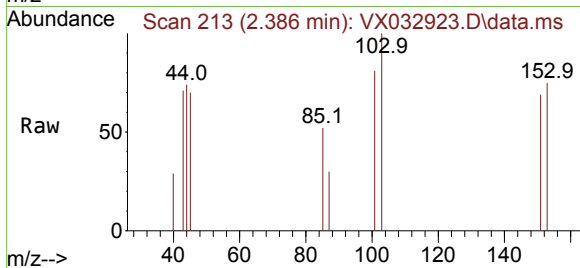
RE134D3-20221115DL

Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: 0.276 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

Tgt Ion: 84 Resp: 336

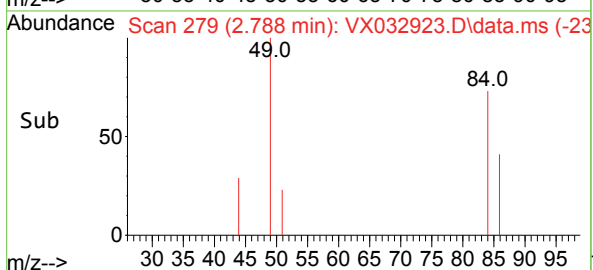
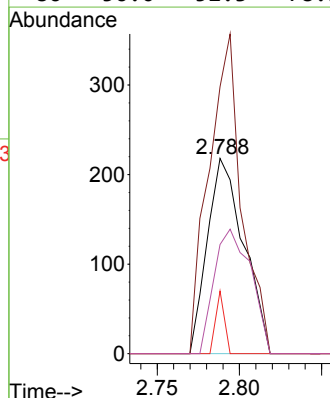
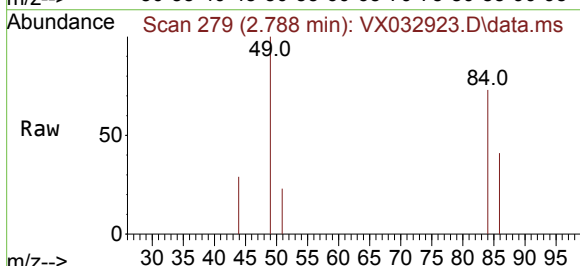
Ion Ratio Lower Upper

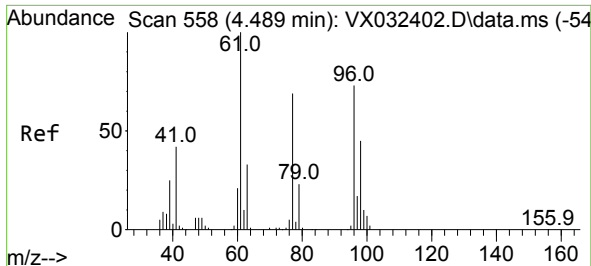
84 100

49 136.7 101.0 151.6

51 32.1 31.1 46.7

86 56.0 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 0.368 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.018 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20221115DL

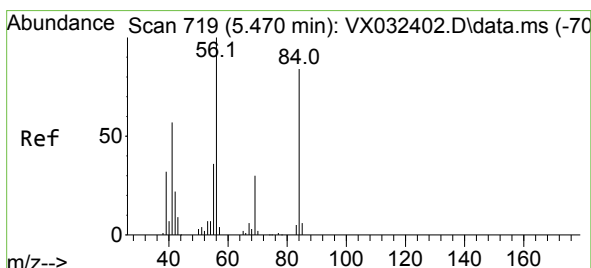
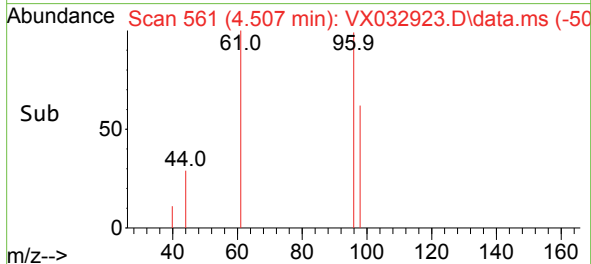
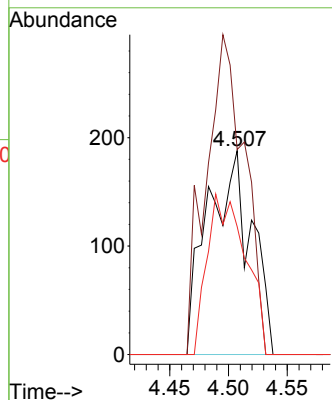
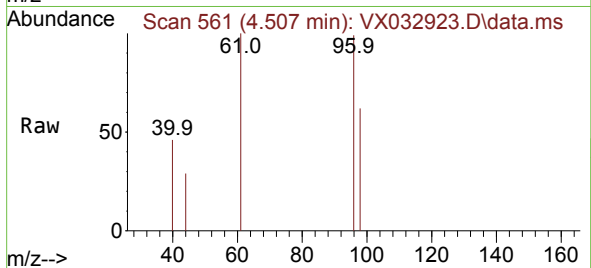
Tgt Ion: 96 Resp: 489

Ion Ratio Lower Upper

96 100

61 137.8 0.0 286.0

98 68.5 0.0 129.6



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

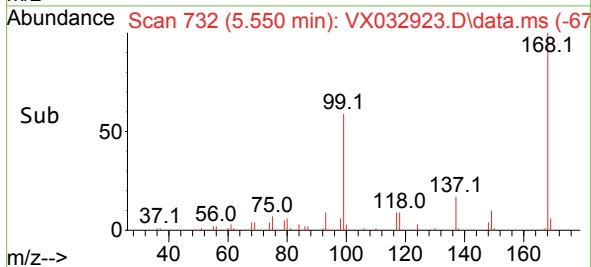
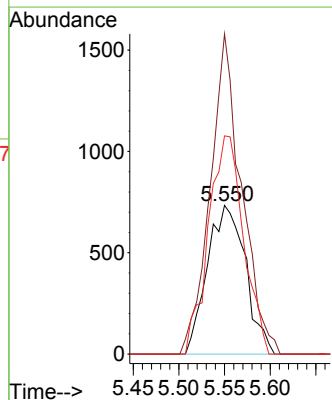
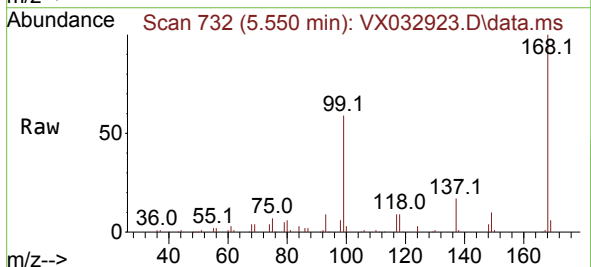
Tgt Ion: 56 Resp: 2133

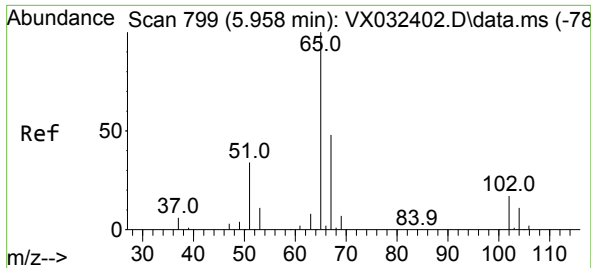
Ion Ratio Lower Upper

56 100

69 215.3 24.1 36.1#

84 146.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.288 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032923.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

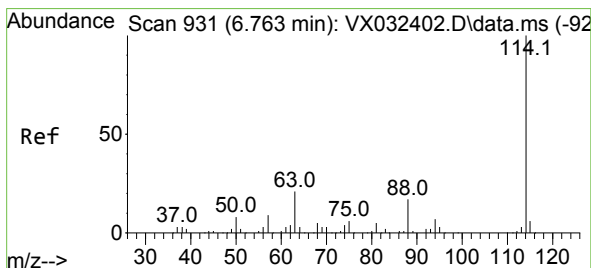
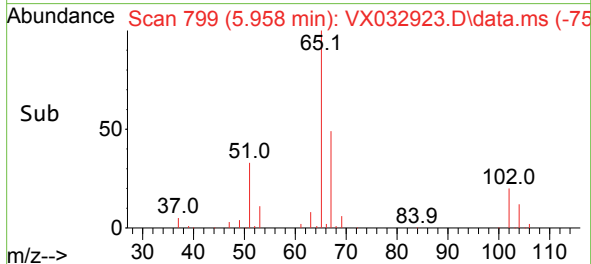
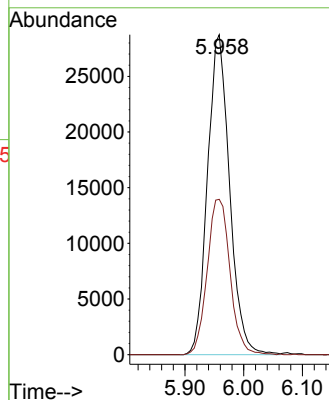
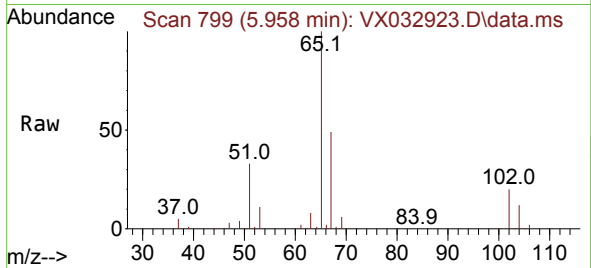
RE134D3-20221115DL

Tgt Ion: 65 Resp: 74970

Ion Ratio Lower Upper

65 100

67 50.3 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: VX032923.D

Acq: 18 Nov 2022 14:32

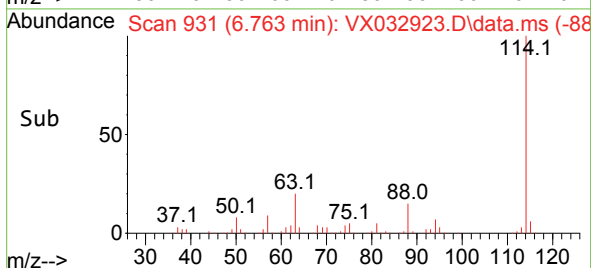
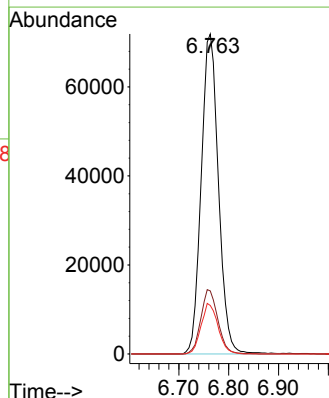
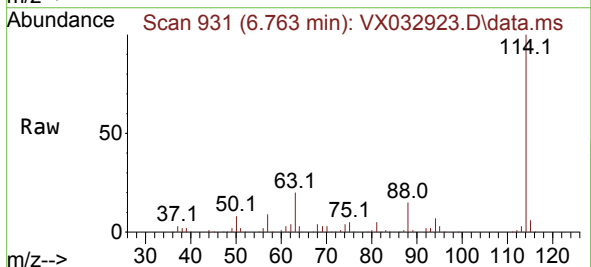
Tgt Ion: 114 Resp: 172520

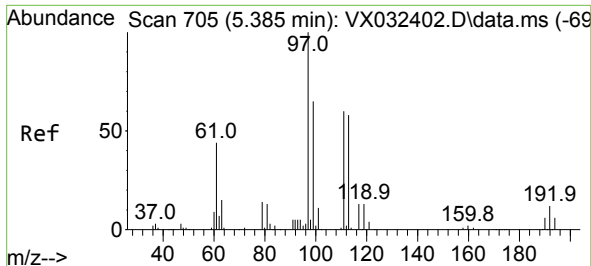
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.1 0.0 33.4

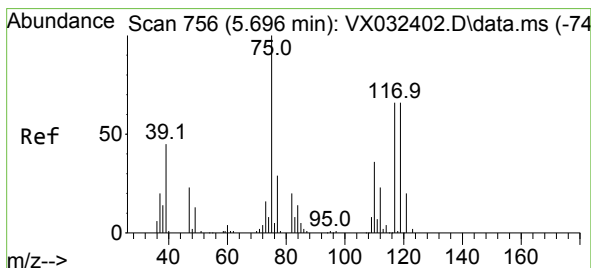
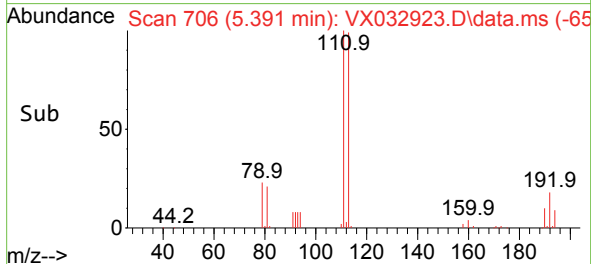
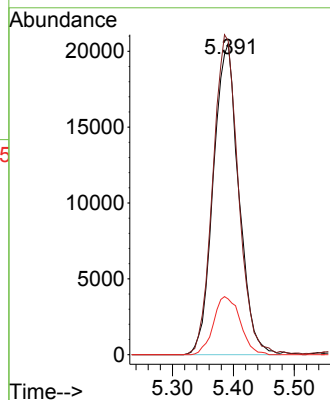
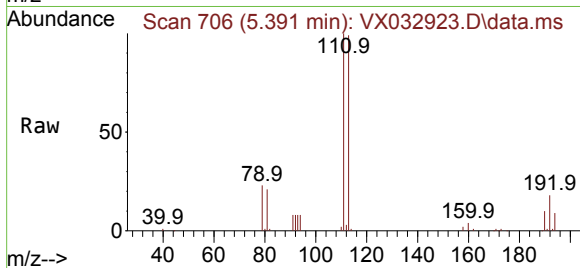




#35
Dibromofluoromethane
Concen: 48.447 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

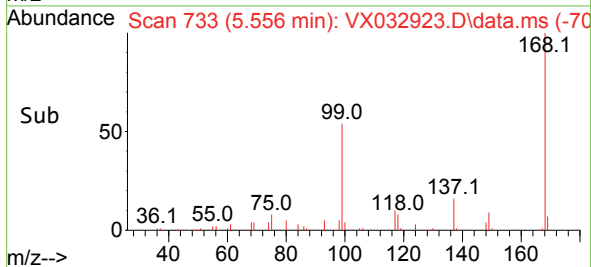
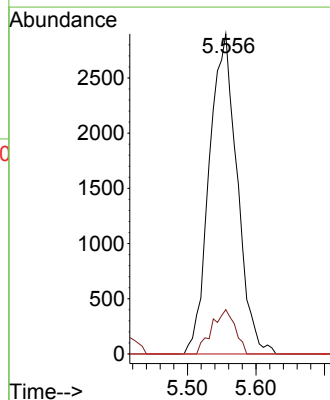
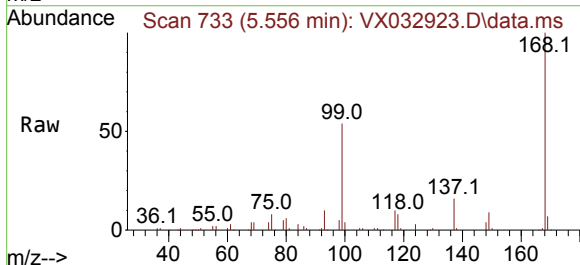
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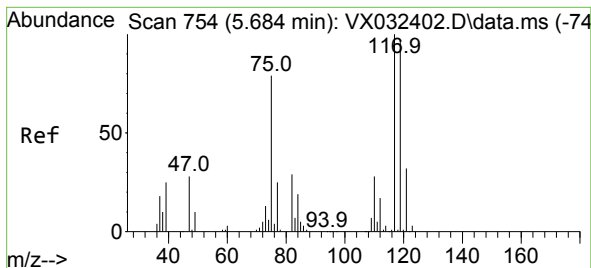
Tgt Ion:113 Resp: 59619
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 75 Resp: 8204
Ion Ratio Lower Upper
75 100
110 11.6 18.4 55.2#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.705 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX032923.D

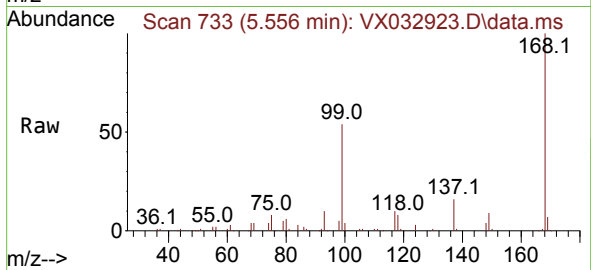
Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20221115DL



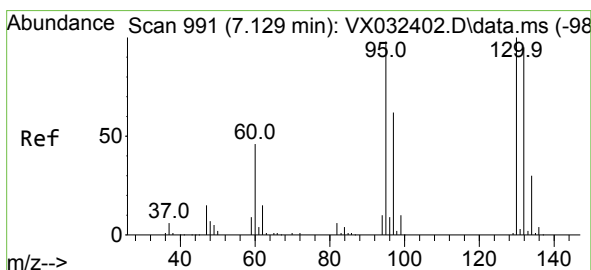
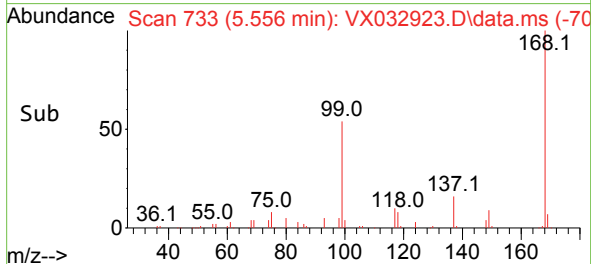
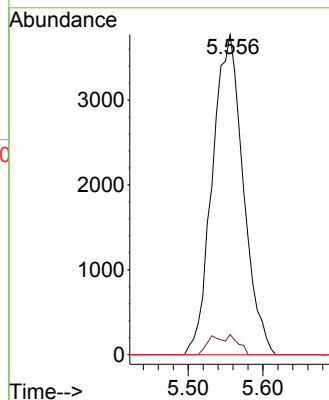
Tgt Ion:117 Resp: 10844

Ion Ratio Lower Upper

117 100

119 6.3 77.2 115.8#

121 0.0 25.8 38.6#



#44

Trichloroethene

Concen: 16.286 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032923.D

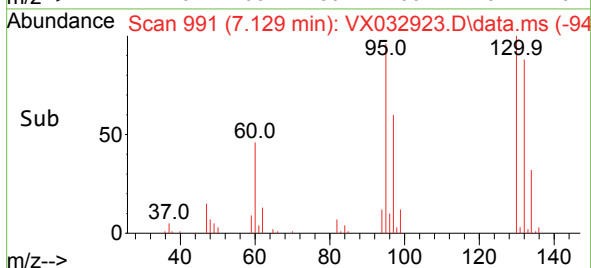
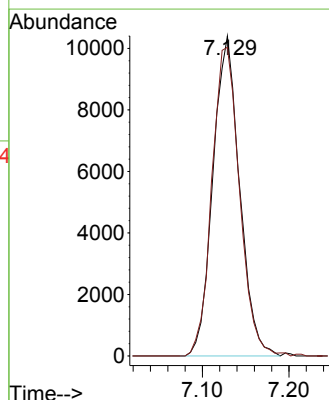
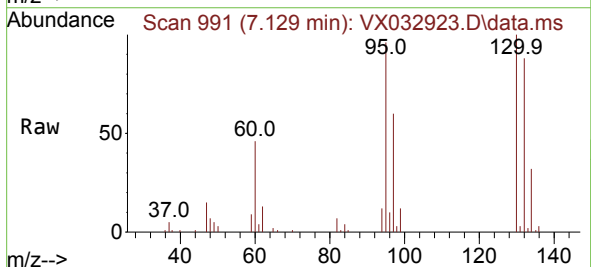
Acq: 18 Nov 2022 14:32

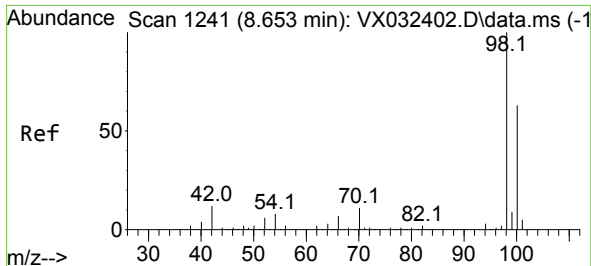
Tgt Ion:130 Resp: 22233

Ion Ratio Lower Upper

130 100

95 96.4 0.0 195.2

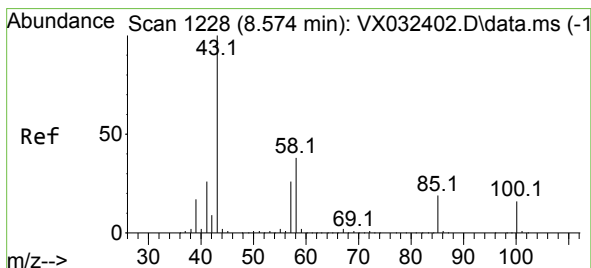
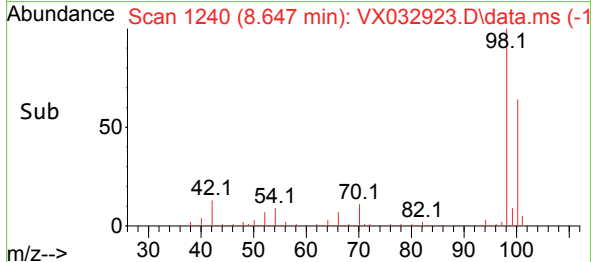
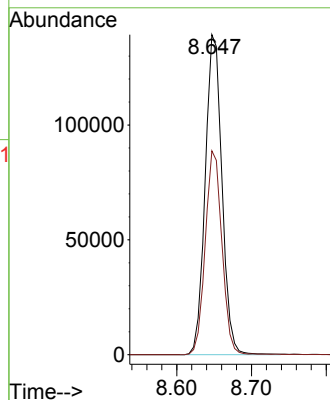
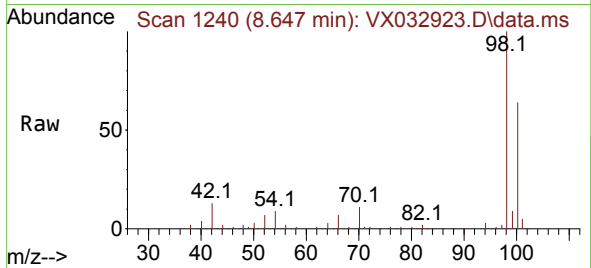




#50
Toluene-d8
Concen: 50.697 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

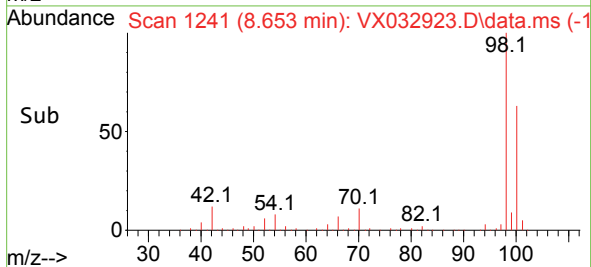
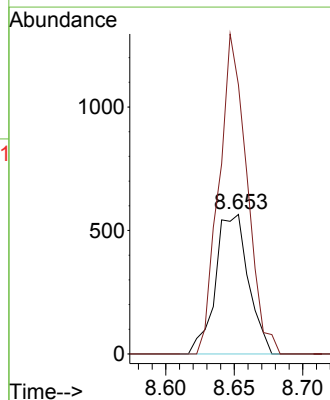
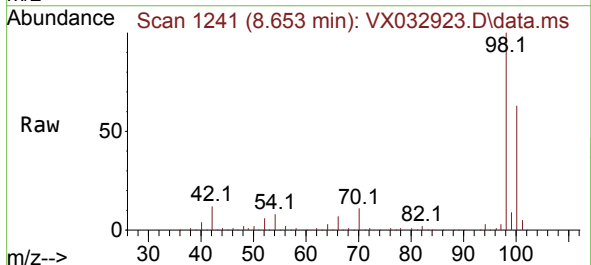
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20221115DL

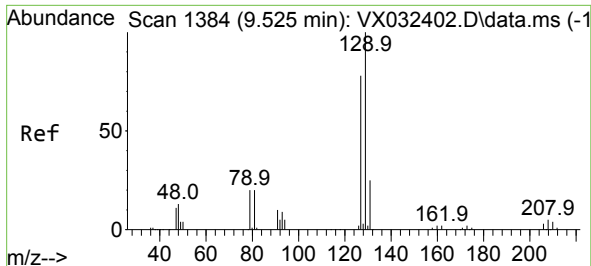
Tgt Ion: 98 Resp: 216937
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 194.2 30.9 46.3#

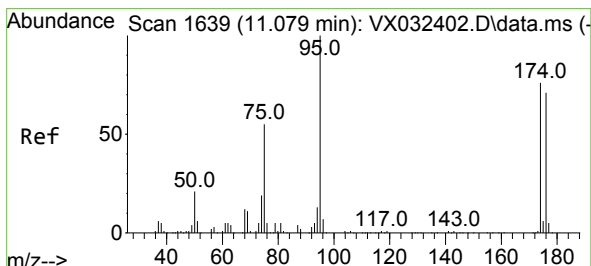
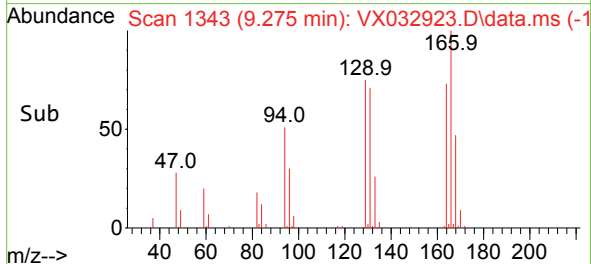
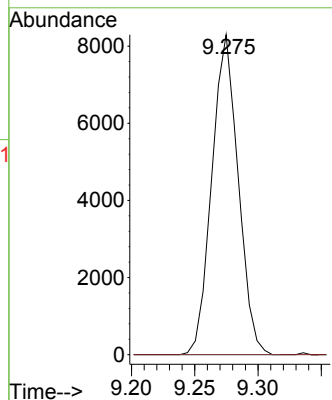
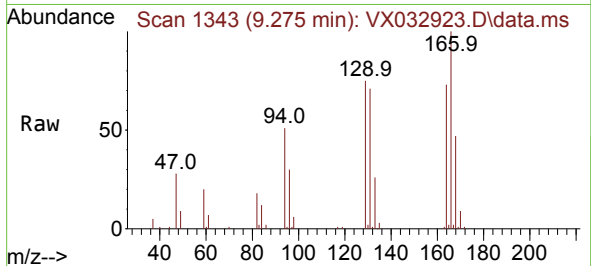




#60
Dibromochloromethane
Concen: 8.269 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

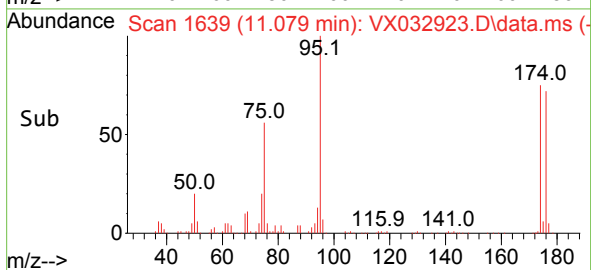
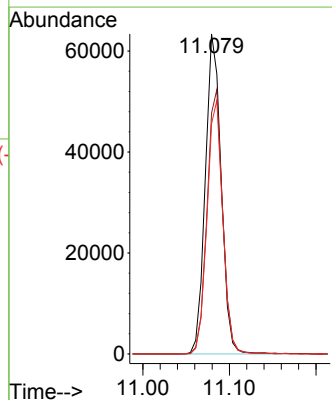
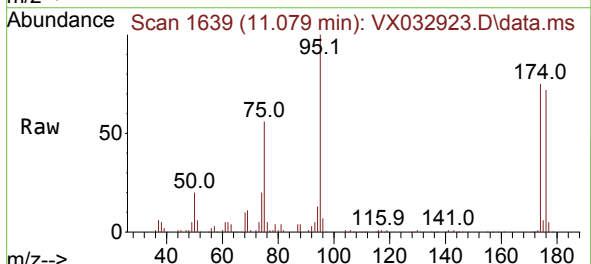
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20221115DL

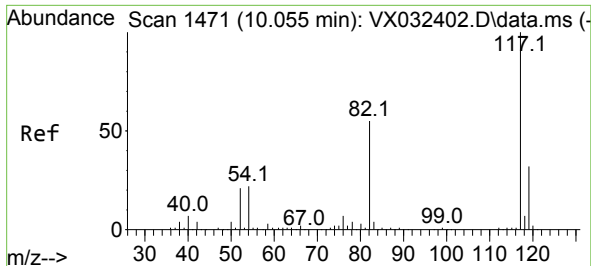
Tgt Ion:129 Resp: 12035
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 95 Resp: 80469
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 78.8 0.0 154.4

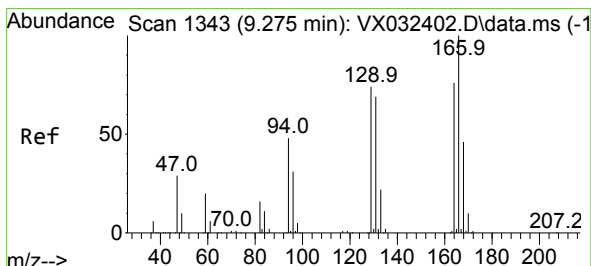
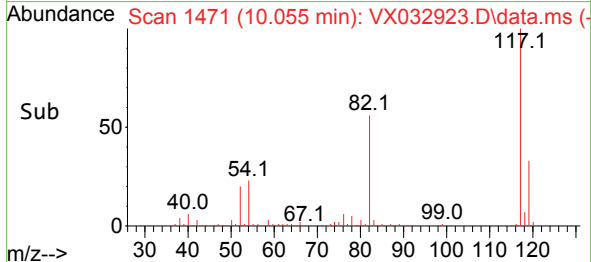
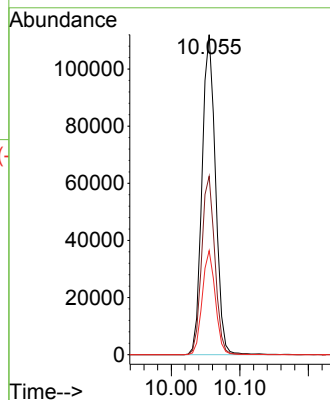
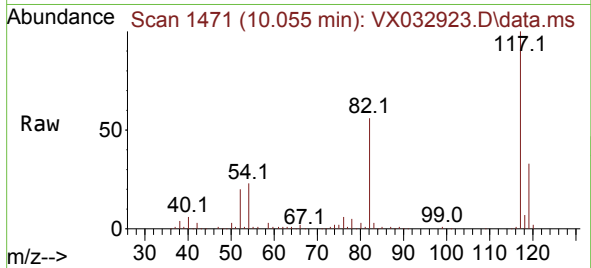




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

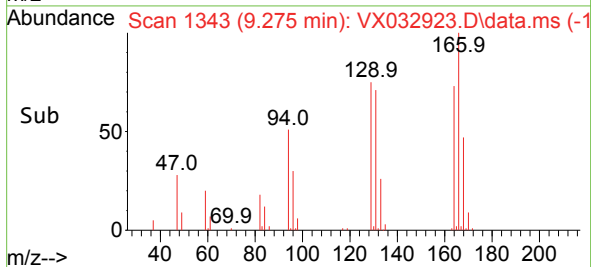
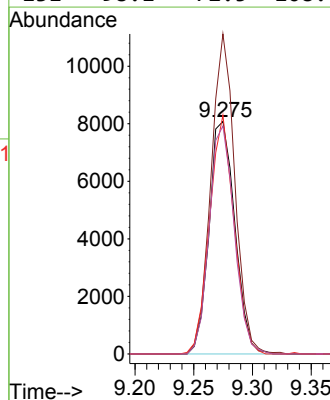
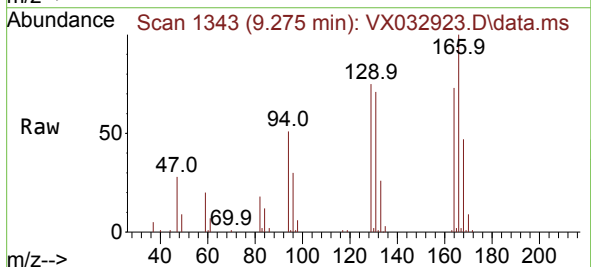
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20221115DL

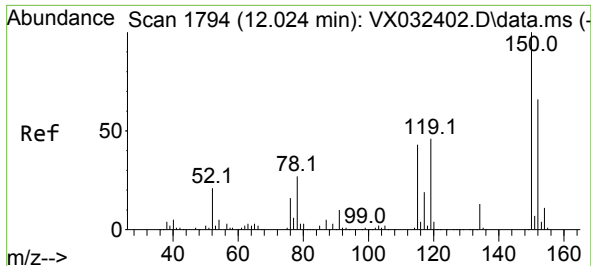
Tgt Ion:117 Resp: 153322
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 10.944 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032923.D
Acq: 18 Nov 2022 14:32

Tgt Ion:164 Resp: 12281
Ion Ratio Lower Upper
164 100
166 137.6 105.4 158.2
129 102.7 78.2 117.2
131 98.1 72.5 108.7

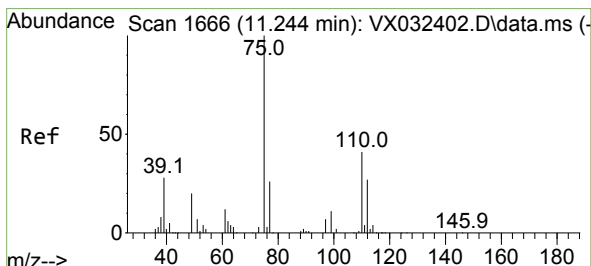
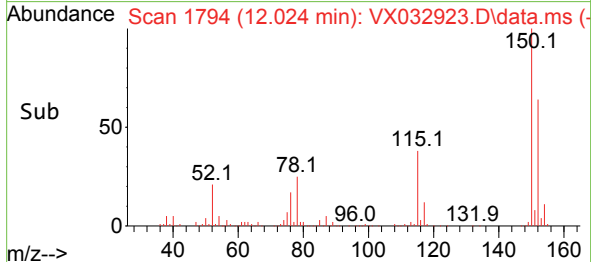
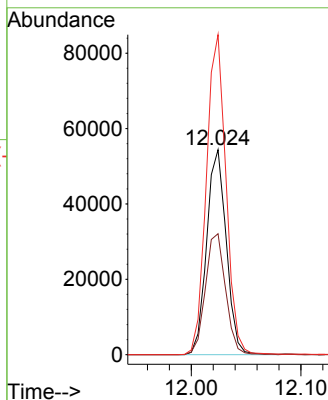
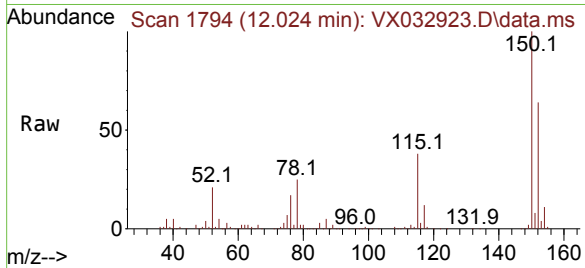




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032923.D
 Acq: 18 Nov 2022 14:32

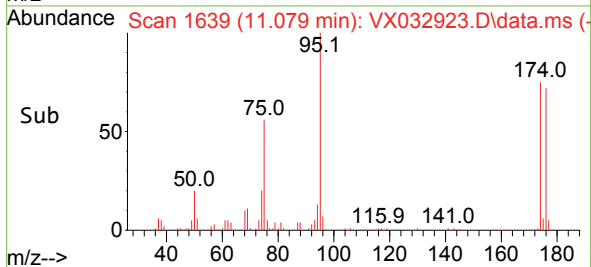
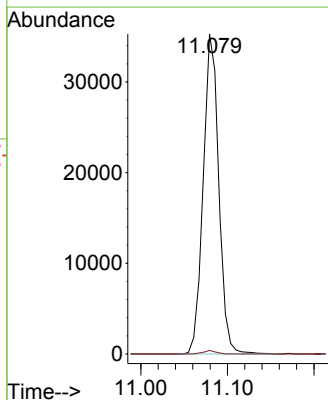
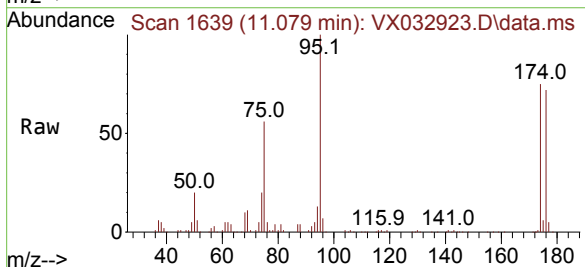
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20221115DL

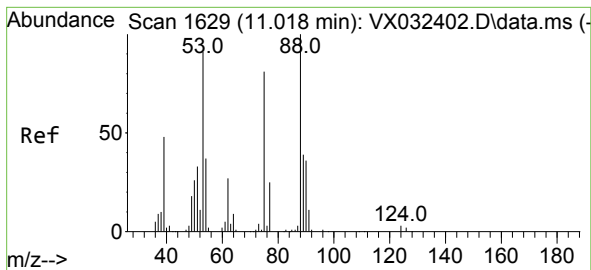
Tgt Ion:152 Resp: 67527
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.0 132.0
 150 156.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 29.290 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX032923.D
 Acq: 18 Nov 2022 14:32

Tgt Ion: 75 Resp: 44003
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.202 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032923.D
 Acq: 18 Nov 2022 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20221115DL

Tgt Ion: 75 Resp: 44003
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

