

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032908.D
 Acq On : 17 Nov 2022 18:21
 Operator : JC/MD
 Sample : N5672-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20221116

Quant Time: Nov 18 01:42:23 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)

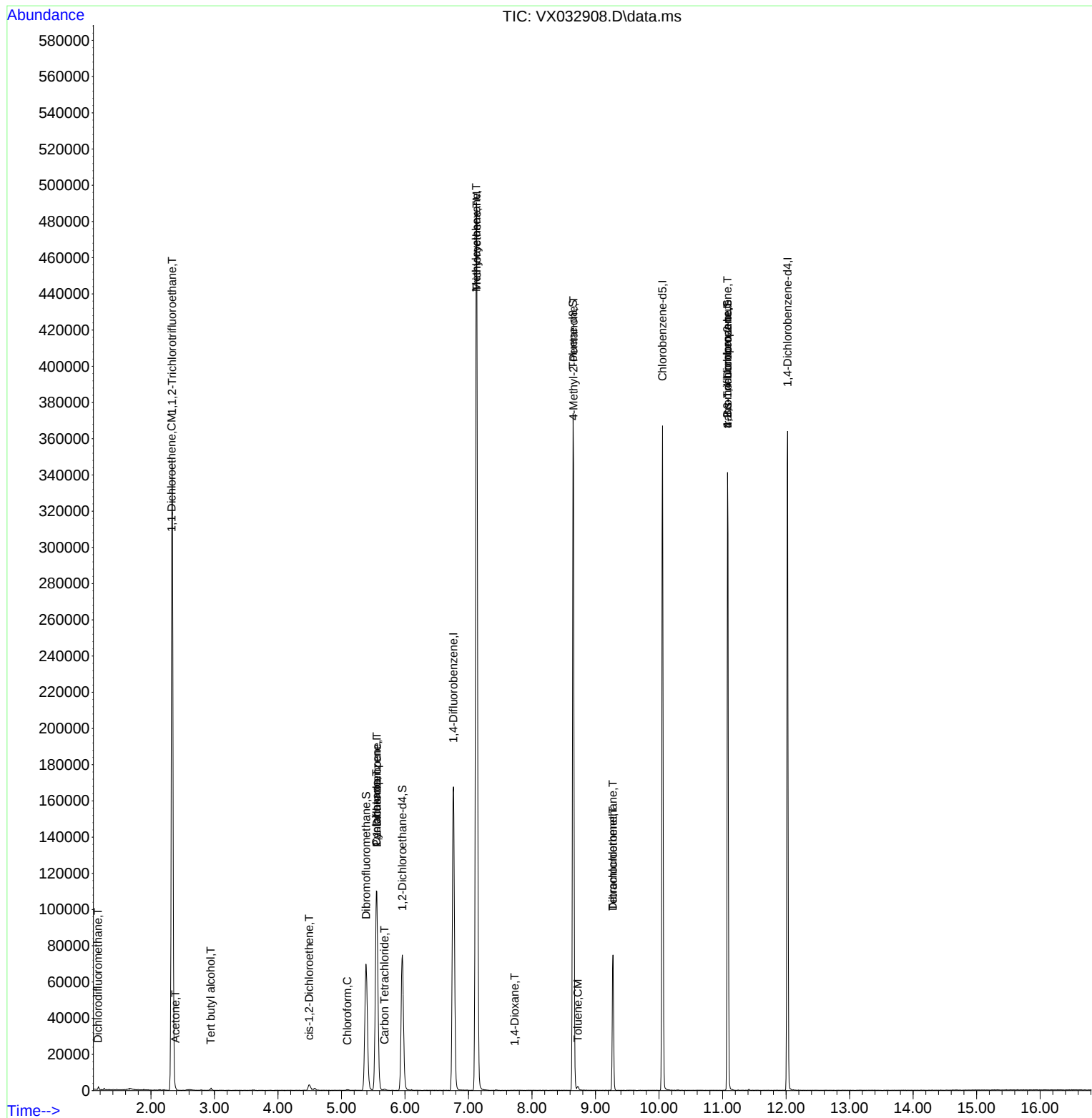
Internal Standards						
1) Pentafluorobenzene	5.556	168	105633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75697	51.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.140%
35) Dibromofluoromethane	5.385	113	60262	48.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.647	98	218954	50.515	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.020%
62) 4-Bromofluorobenzene	11.079	95	84386	49.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	380	0.312	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	131416	115.885	ug/l	100
11) Tert butyl alcohol	2.940	59	675	3.160	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	1323	1.249	ug/l	89
16) Acetone	2.386	43	480	0.900	ug/l #	45
27) cis-1,2-Dichloroethene	4.489	96	2292	1.720	ug/l	84
30) Chloroform	5.093	83	611	0.265	ug/l #	68
31) Cyclohexane	5.550	56	2387	1.341	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8166	4.704	ug/l #	50
38) Carbon Tetrachloride	5.678	117	611	0.317	ug/l	95
39) Methylcyclohexane	7.123	83	2173	1.058	ug/l #	1
44) Trichloroethene	7.129	130	192145	138.953	ug/l	99
49) 1,4-Dioxane	7.726	88	50	1.831	ug/l #	70
51) 4-Methyl-2-Pentanone	8.653	43	915	0.524	ug/l #	1
52) Toluene	8.720	92	892	0.278	ug/l	96
60) Dibromochloromethane	9.275	129	13200	8.954	ug/l #	11
64) Tetrachloroethene	9.275	164	13332	11.368	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	46598	27.605	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46598	87.838	ug/l #	6

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

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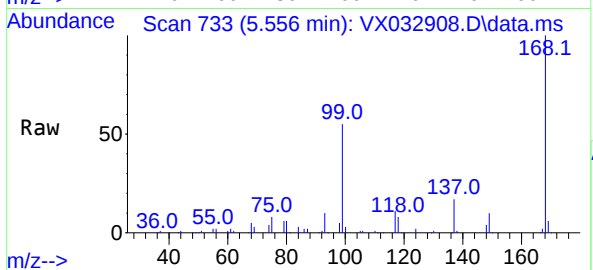
Quant Time: Nov 18 01:42:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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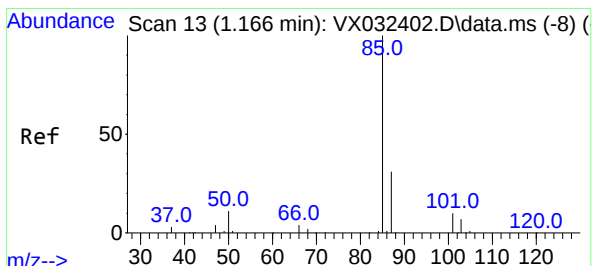
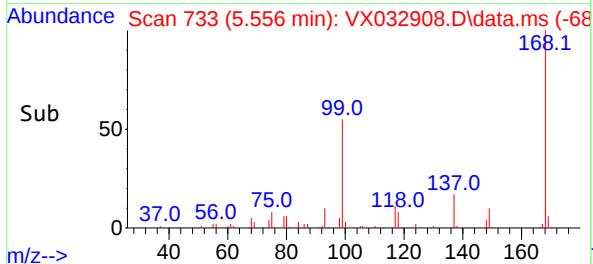
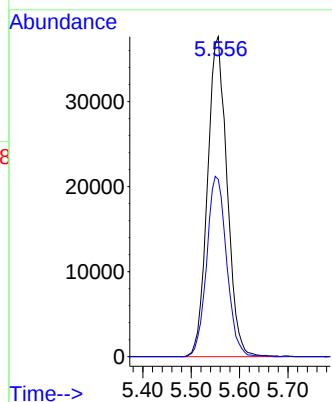


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

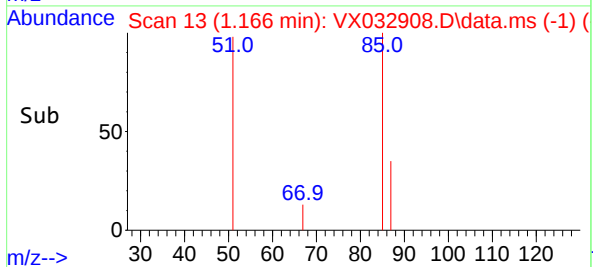
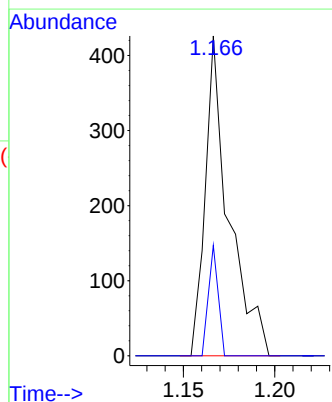
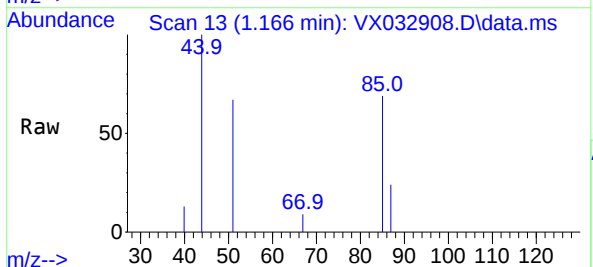


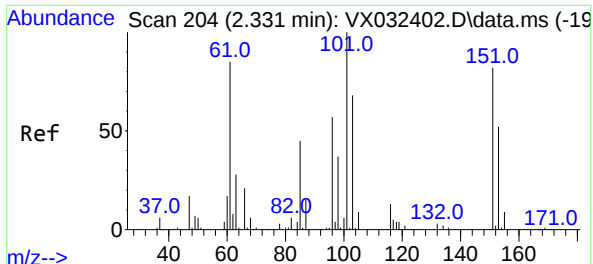
Tgt Ion:168 Resp: 105633
Ion Ratio Lower Upper
168 100
99 55.4 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.312 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 85 Resp: 380
Ion Ratio Lower Upper
85 100
87 34.5 15.6 46.7

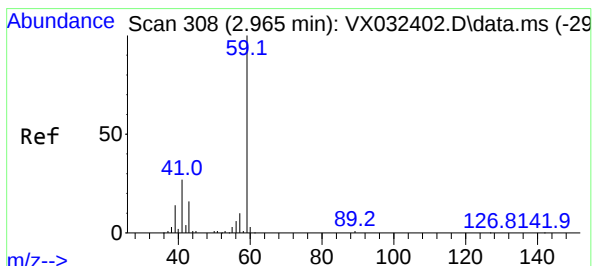
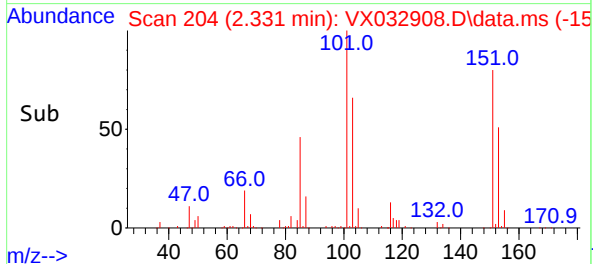
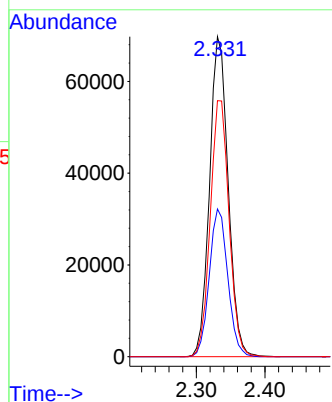
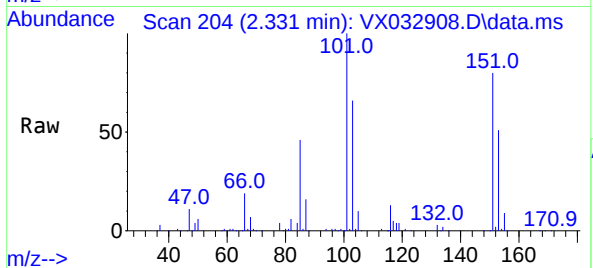




#9
1,1,2-Trichlorotrifluoroethane
Concen: 115.885 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

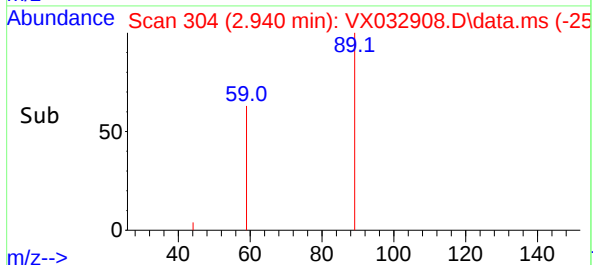
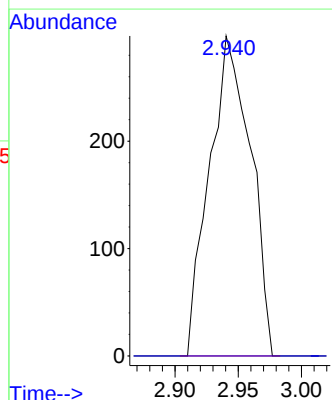
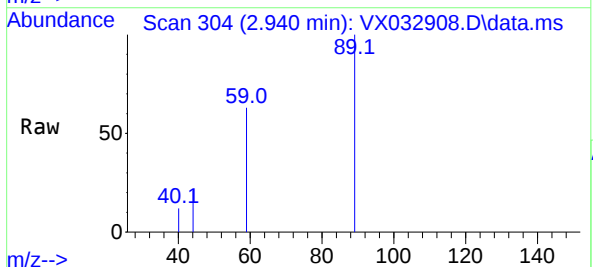
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

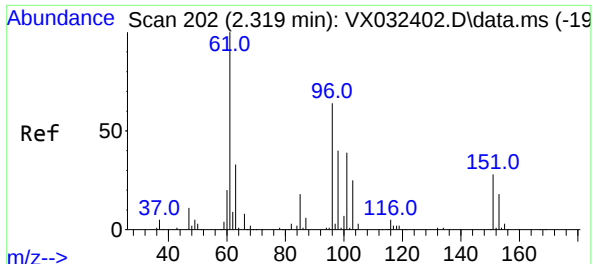
Tgt Ion:101 Resp: 131416
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.4
151 81.0 64.4 96.6



#11
Tert butyl alcohol
Concen: 3.160 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 59 Resp: 675
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

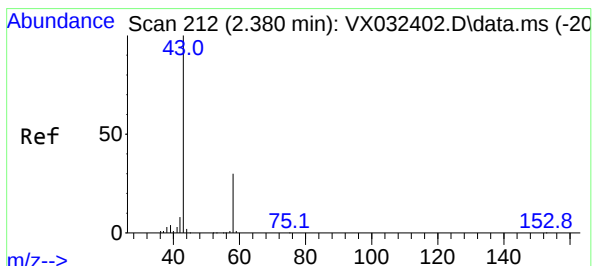
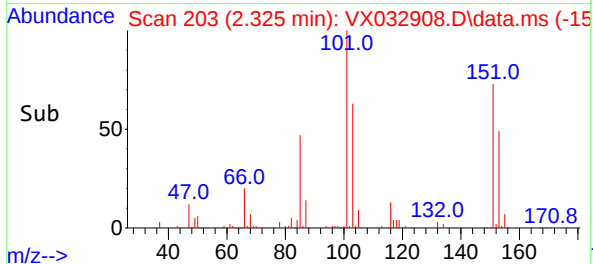
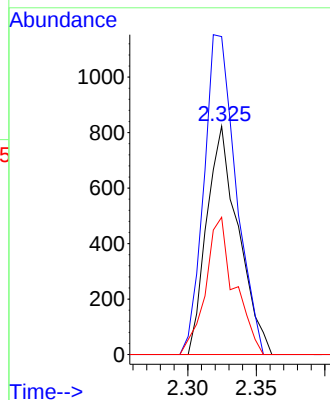
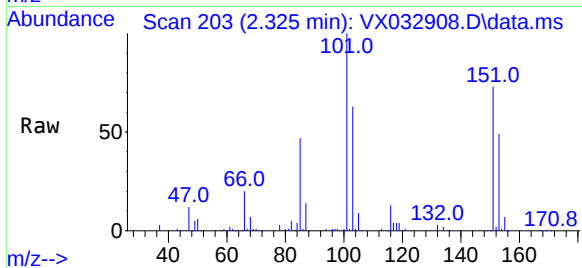




#12
1,1-Dichloroethene
Concen: 1.249 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

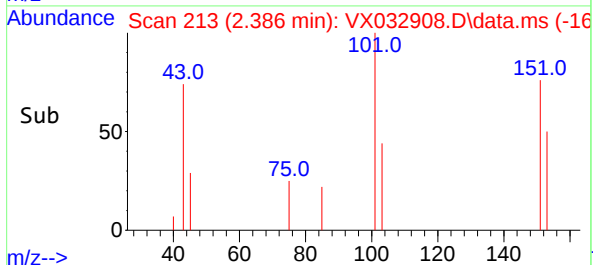
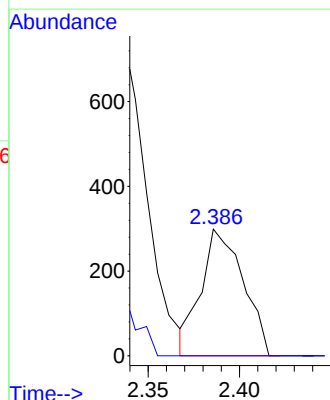
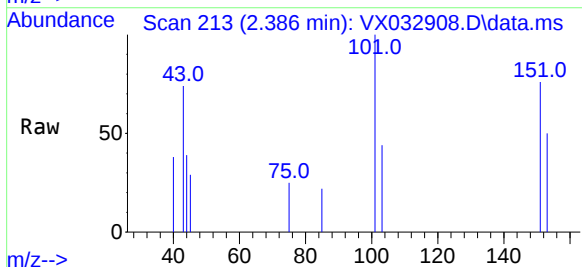
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

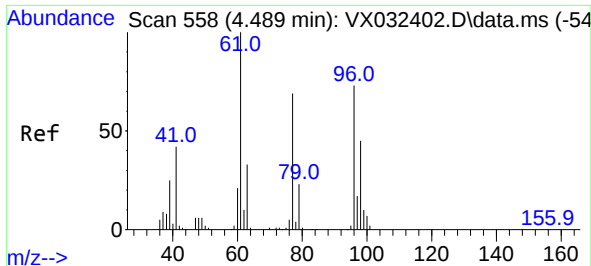
Tgt Ion: 96 Resp: 1323
Ion Ratio Lower Upper
96 100
61 139.2 125.1 187.7
98 60.1 50.6 76.0



#16
Acetone
Concen: 0.900 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#27

cis-1,2-Dichloroethene

Concen: 1.720 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20221116

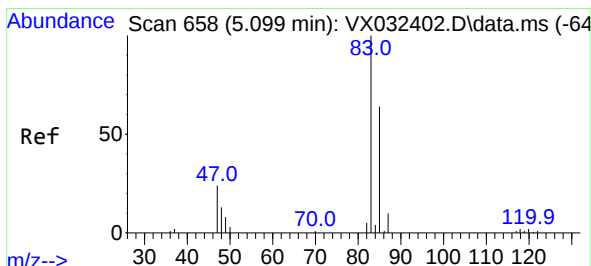
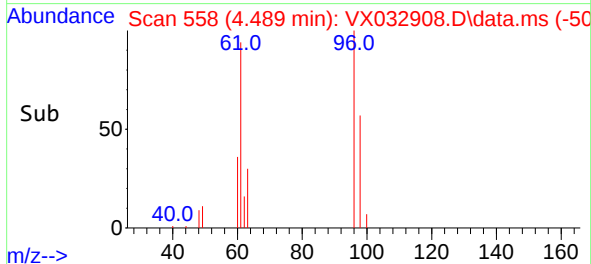
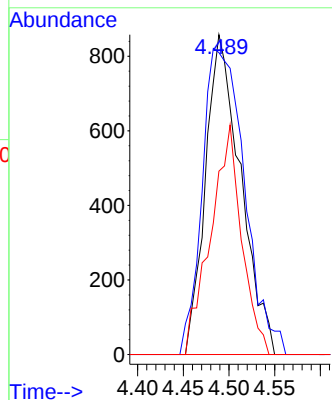
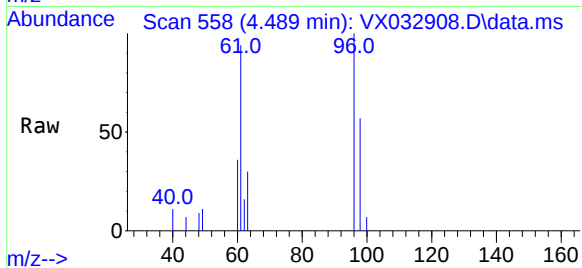
Tgt Ion: 96 Resp: 2292

Ion Ratio Lower Upper

96 100

61 114.9 0.0 286.0

98 63.4 0.0 129.6



#30

Chloroform

Concen: 0.265 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032908.D

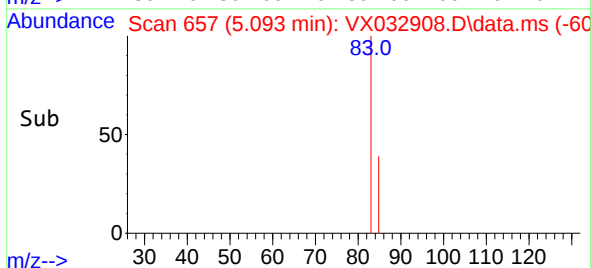
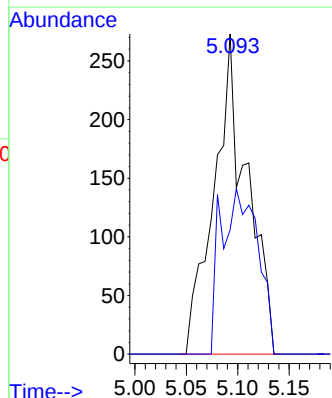
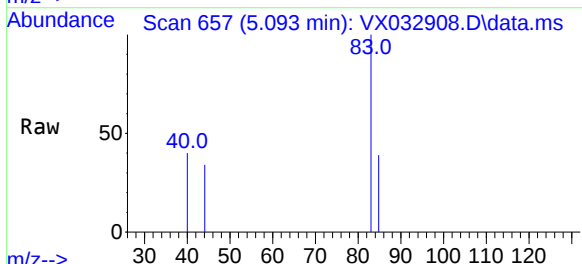
Acq: 17 Nov 2022 18:21

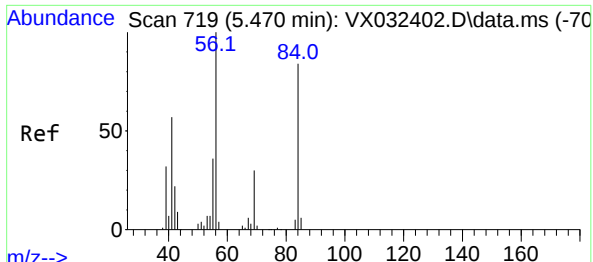
Tgt Ion: 83 Resp: 611

Ion Ratio Lower Upper

83 100

85 38.8 51.1 76.7#

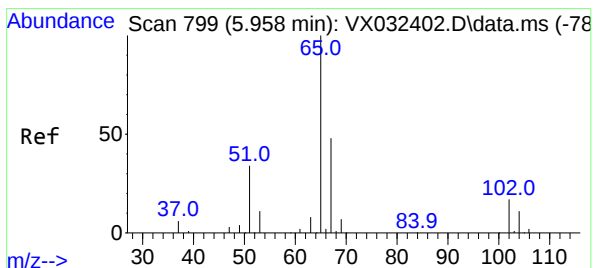
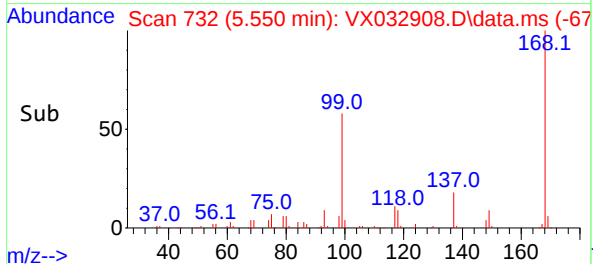
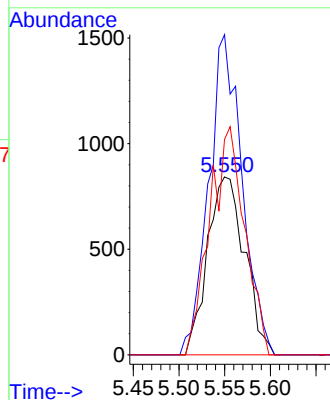
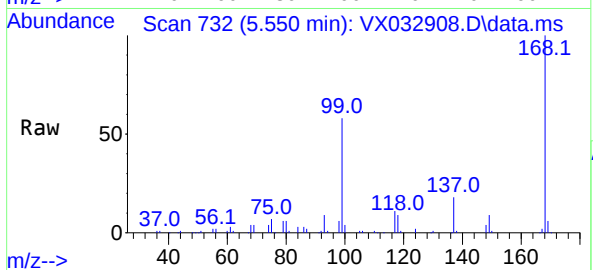




#31
Cyclohexane
Concen: 1.341 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

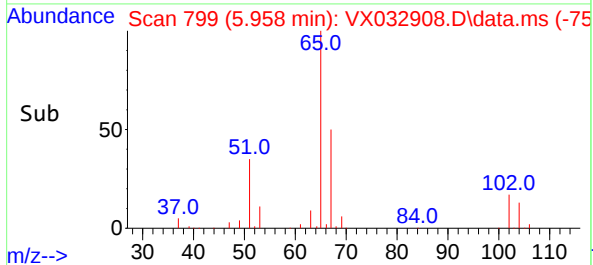
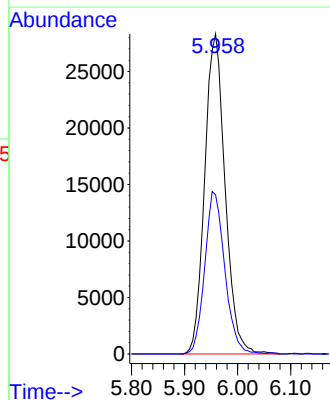
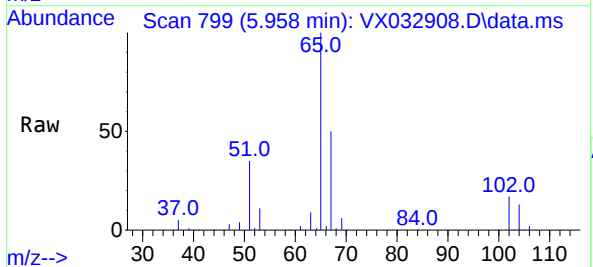
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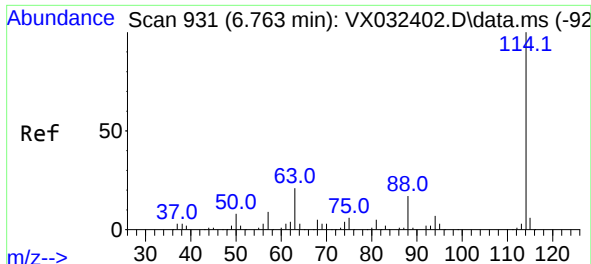
Tgt Ion: 56 Resp: 2387
Ion Ratio Lower Upper
56 100
69 180.0 24.1 36.1#
84 121.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 65 Resp: 75697
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

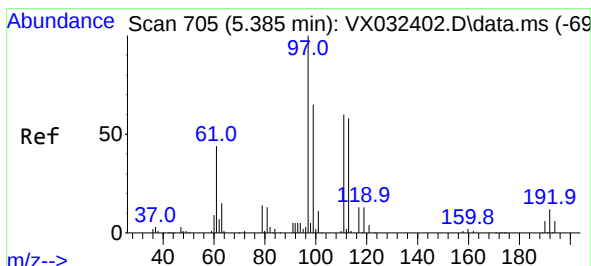
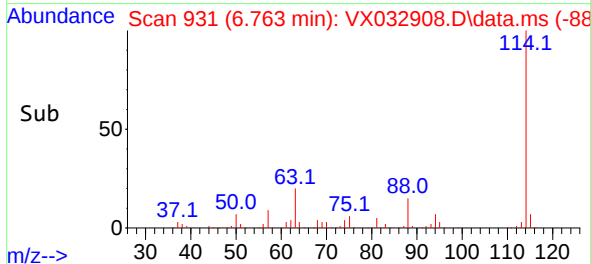
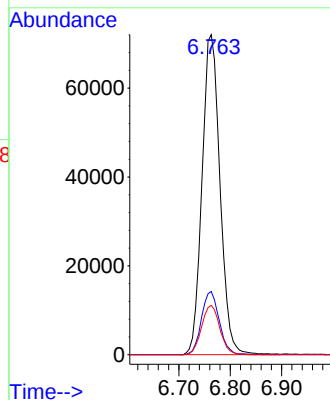
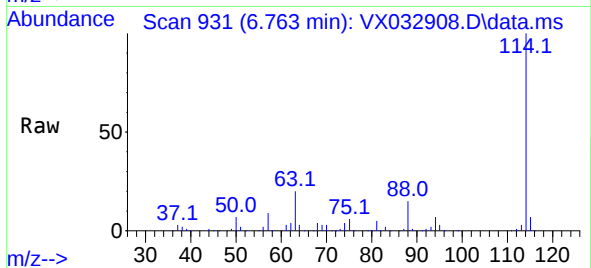




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

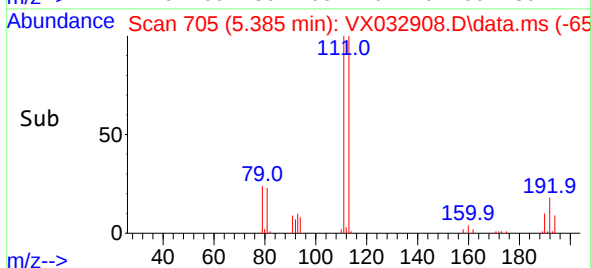
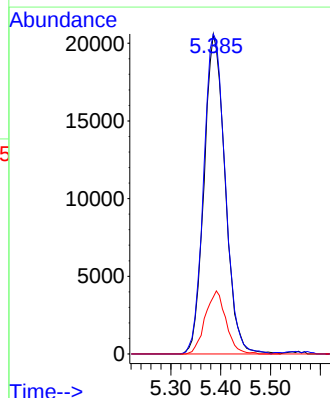
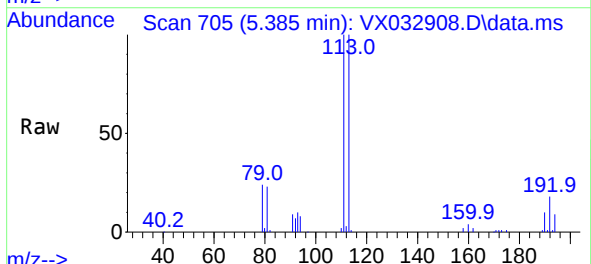
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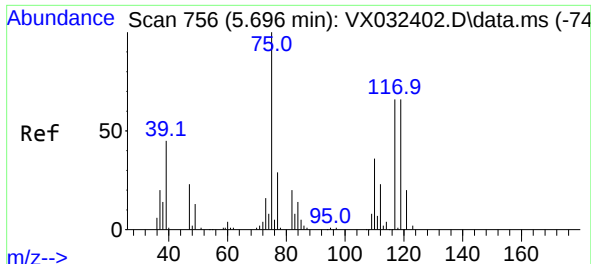
Tgt Ion:114 Resp: 174752
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion:113 Resp: 60262
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.4 15.4 23.2

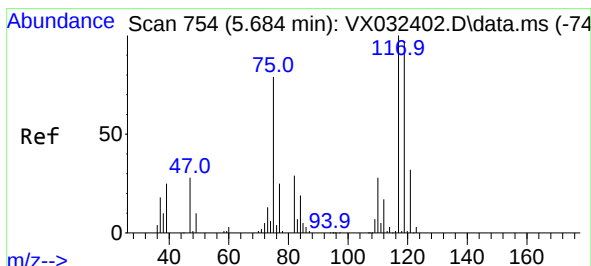
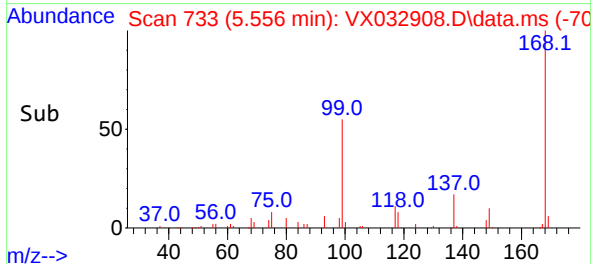
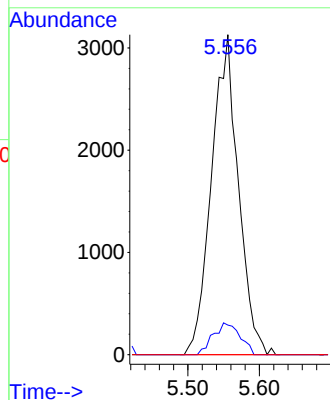
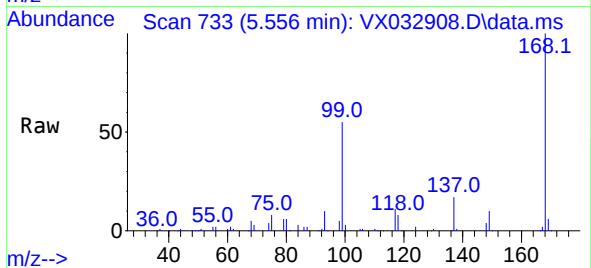




#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

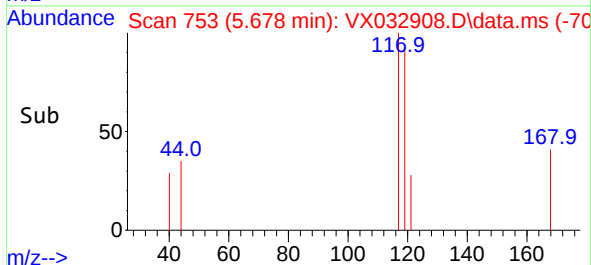
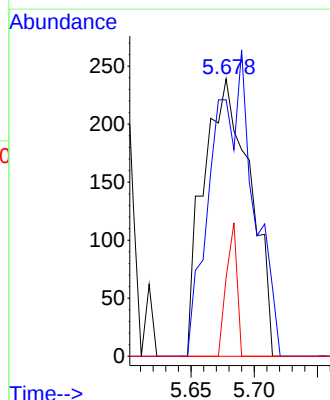
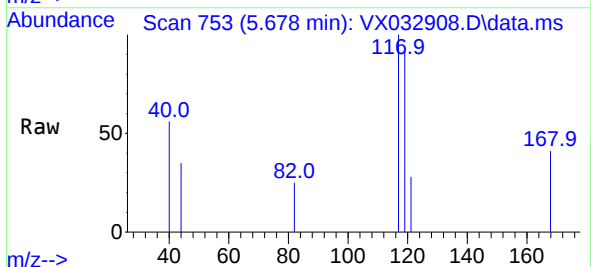
Instrument :
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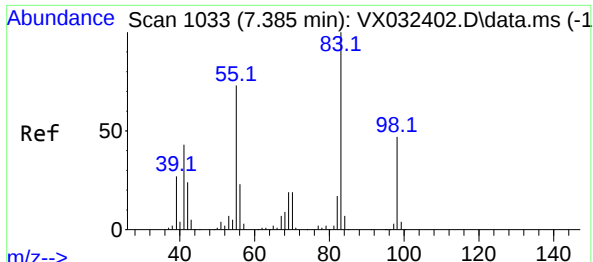
Tgt Ion: 75 Resp: 8166
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 0.317 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 117 Resp: 611
Ion Ratio Lower Upper
117 100
119 92.5 77.2 115.8
121 28.5 25.8 38.6





#39

Methylcyclohexane

Concen: 1.058 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.262 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20221116

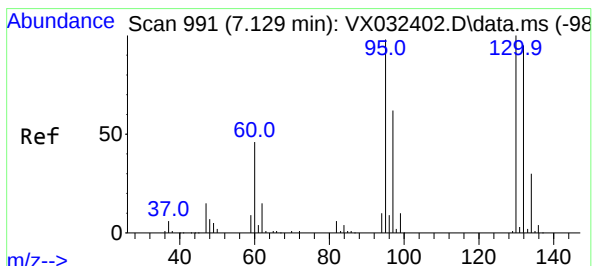
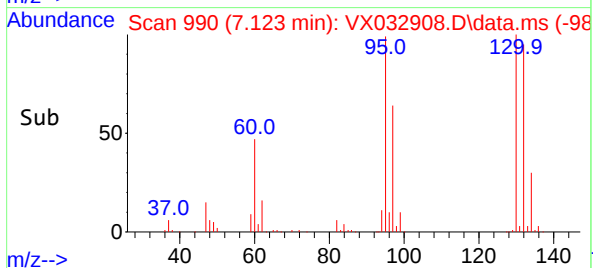
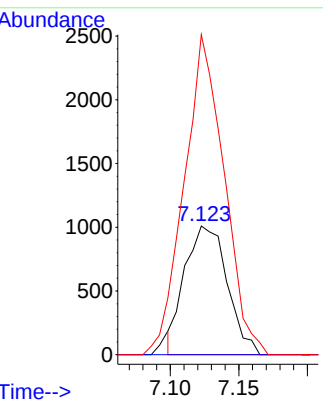
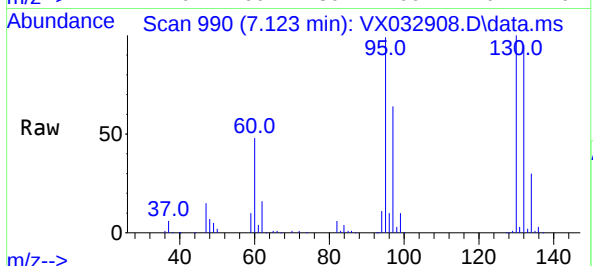
Tgt Ion: 83 Resp: 2173

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 248.6 37.2 55.8#



#44

Trichloroethene

Concen: 138.953 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032908.D

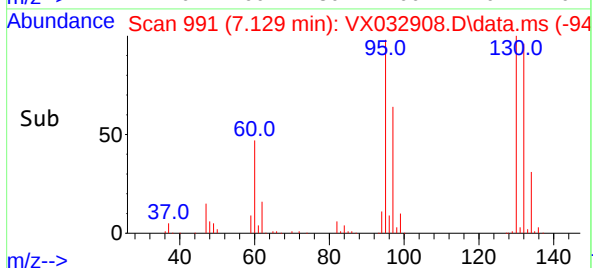
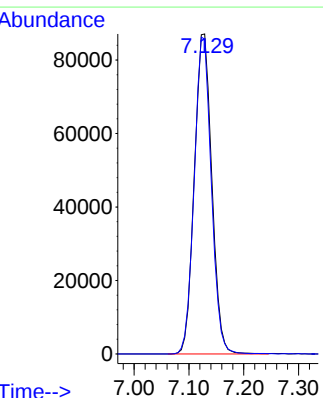
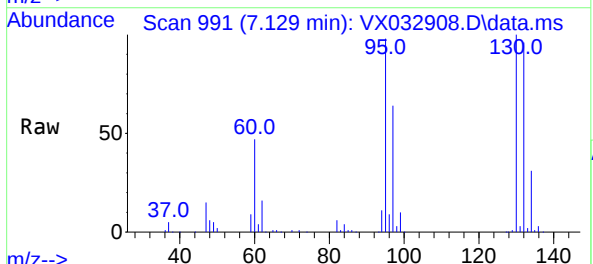
Acq: 17 Nov 2022 18:21

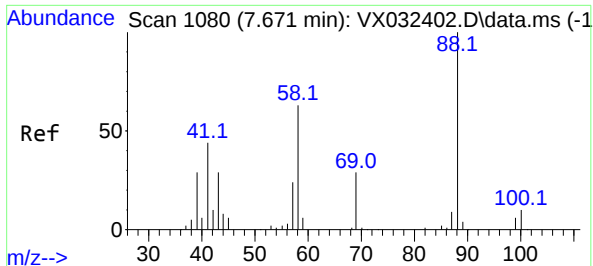
Tgt Ion:130 Resp: 192145

Ion Ratio Lower Upper

130 100

95 98.4 0.0 195.2





#49

1,4-Dioxane

Concen: 1.831 ug/l

RT: 7.726 min Scan# 10

Delta R.T. 0.055 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20221116

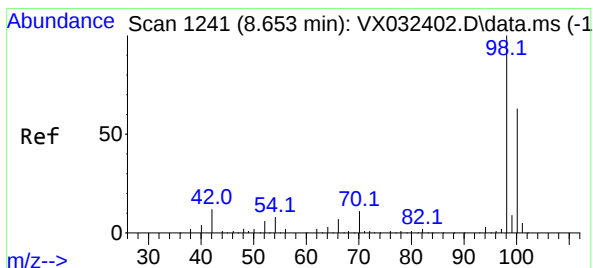
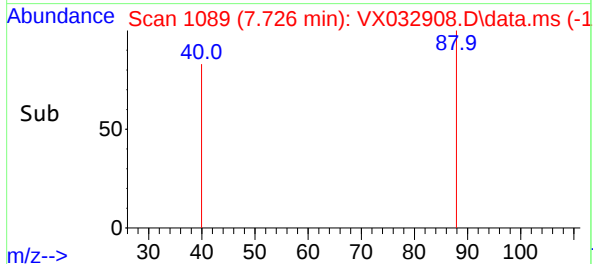
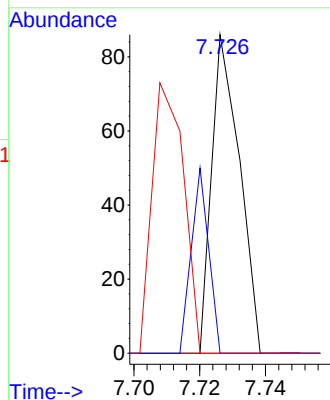
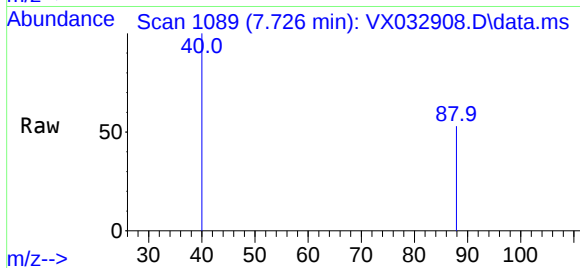
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 36.0 26.6 39.8

58 98.0 51.7 77.5#



#50

Toluene-d8

Concen: 50.515 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032908.D

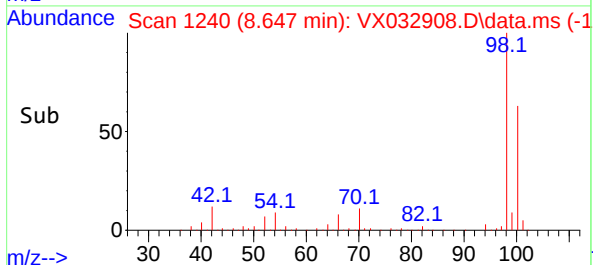
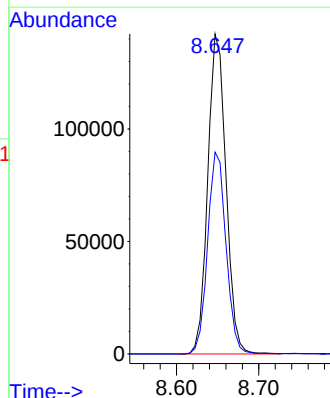
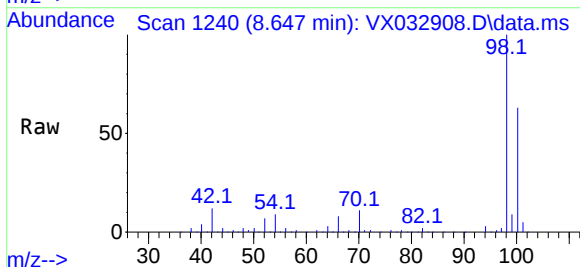
Acq: 17 Nov 2022 18:21

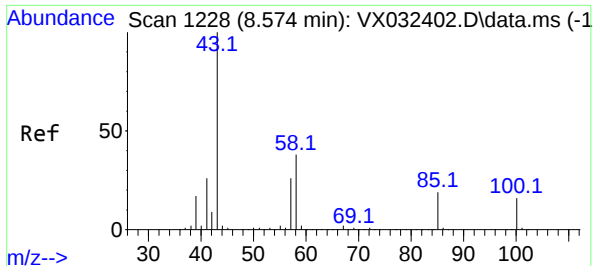
Tgt Ion: 98 Resp: 218954

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

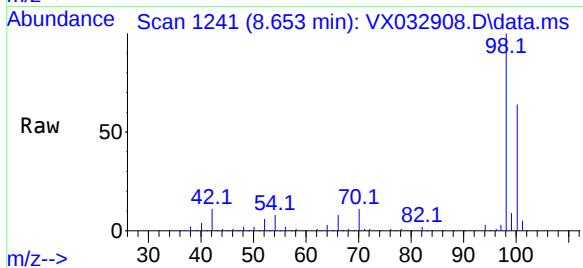
RE125D3-20221116

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

58 188.1 30.9 46.3#



Abundance

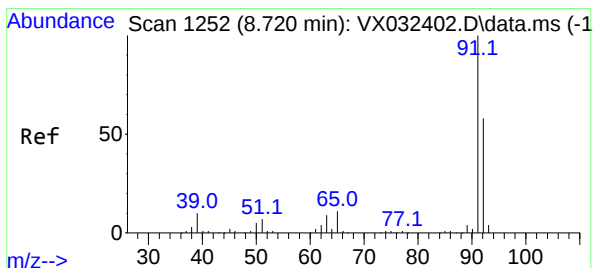
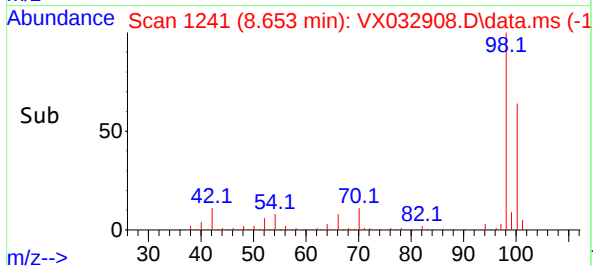
1000

500

Time-->

8.60

8.65



#52

Toluene

Concen: 0.278 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032908.D

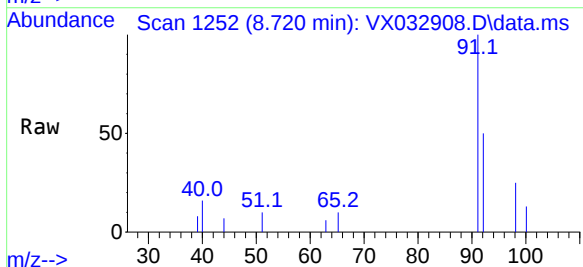
Acq: 17 Nov 2022 18:21

Tgt Ion: 92 Resp: 892

Ion Ratio Lower Upper

92 100

91 178.6 138.3 207.5



Abundance

800

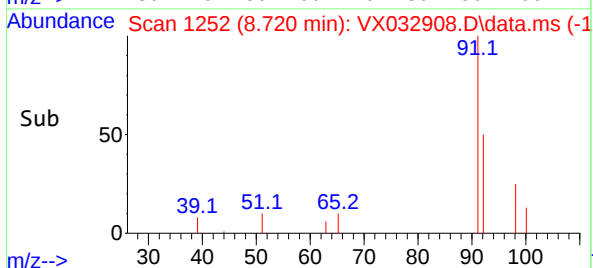
600

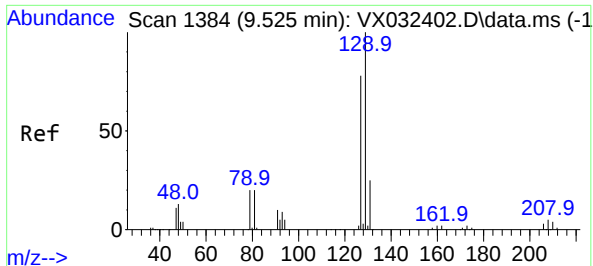
Time-->

8.65

8.70

8.75

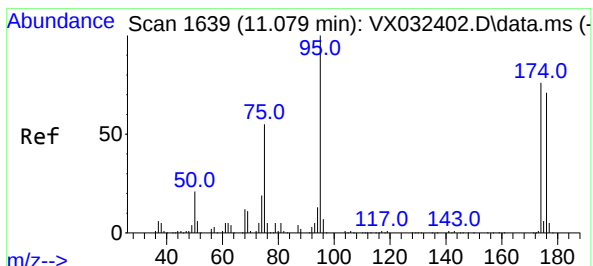
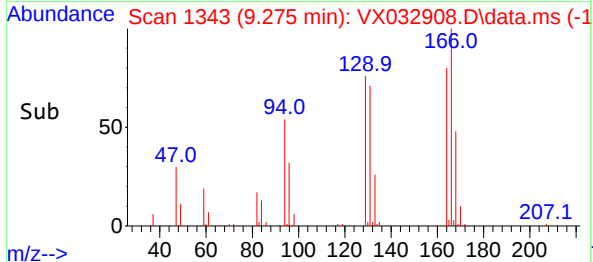
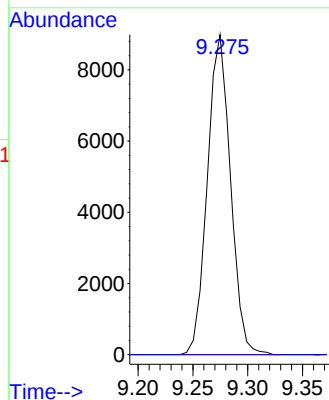
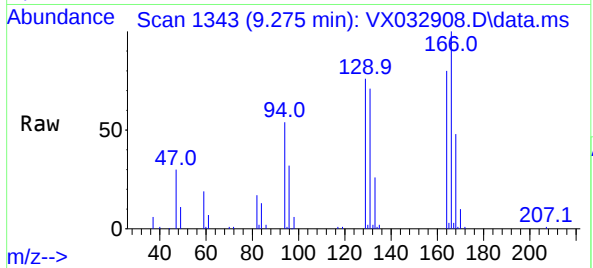




#60
Dibromochloromethane
Concen: 8.954 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

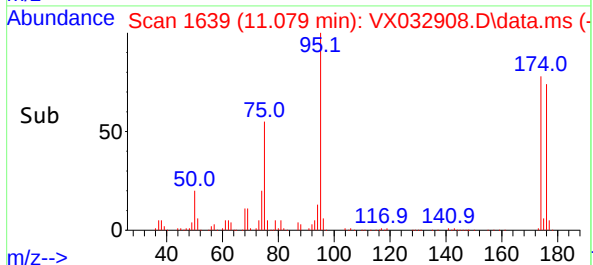
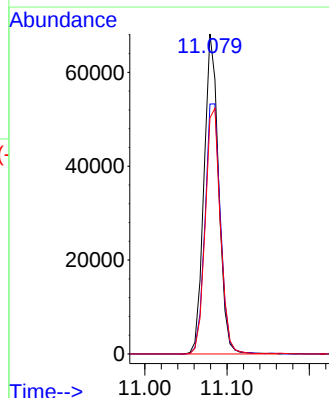
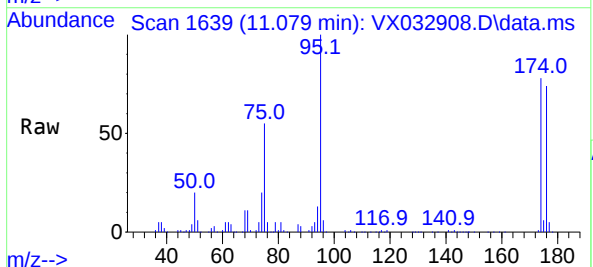
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

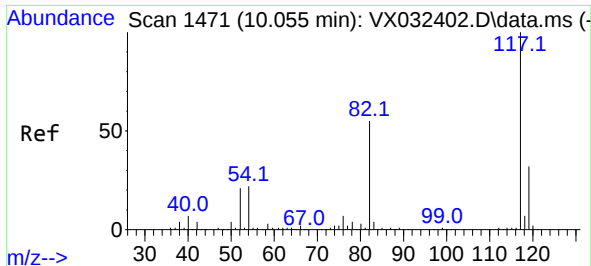
Tgt Ion:129 Resp: 13200
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 95 Resp: 84386
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 79.5 0.0 154.4

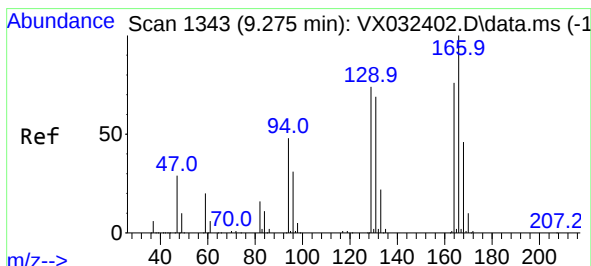
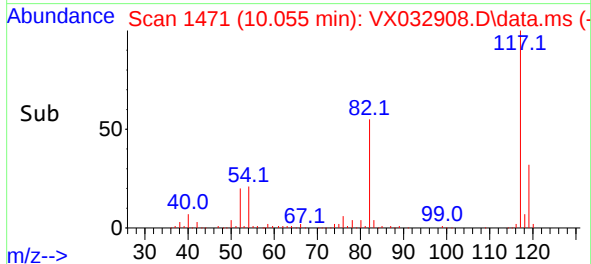
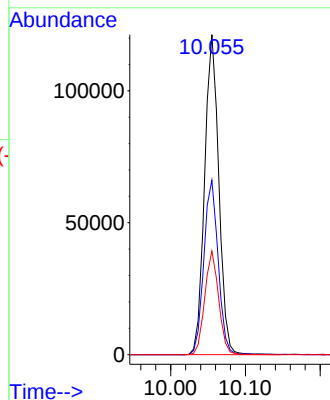
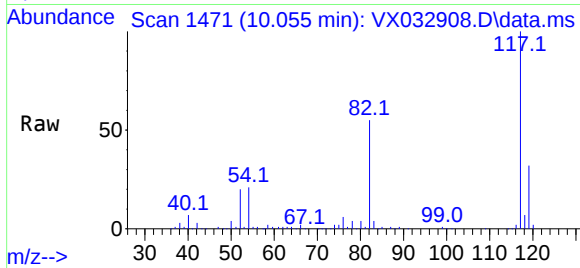




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

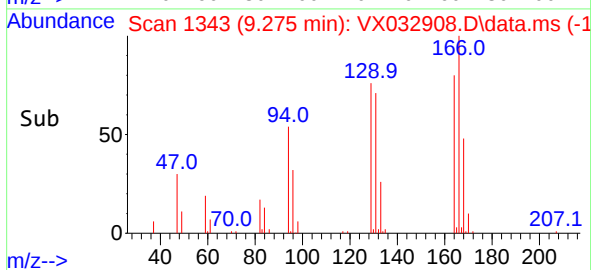
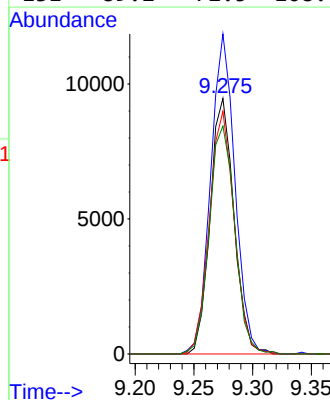
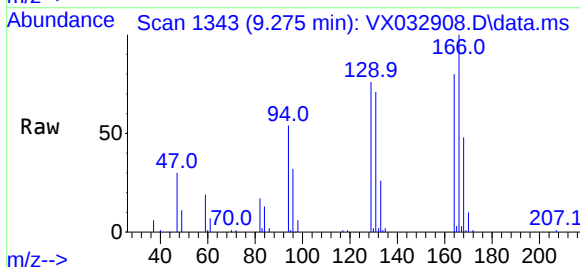
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

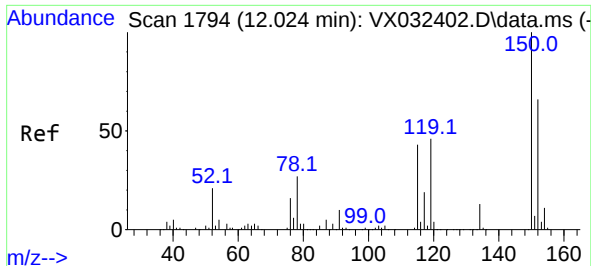
Tgt Ion:117 Resp: 160224
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 11.368 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

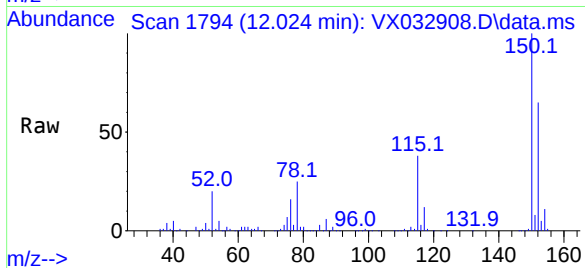
Tgt Ion:164 Resp: 13332
Ion Ratio Lower Upper
164 100
166 125.2 105.4 158.2
129 94.9 78.2 117.2
131 89.2 72.5 108.7



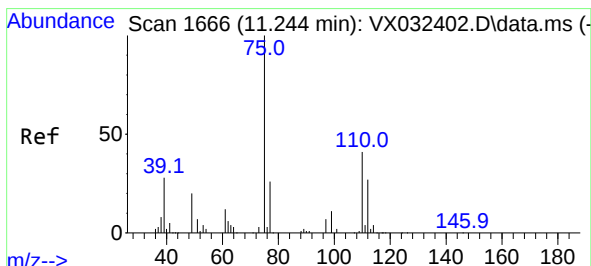
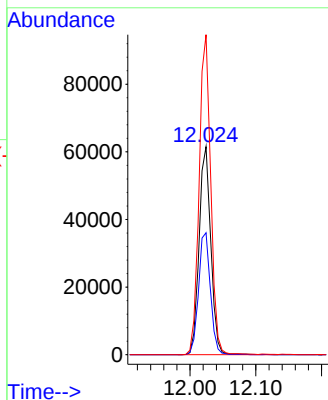
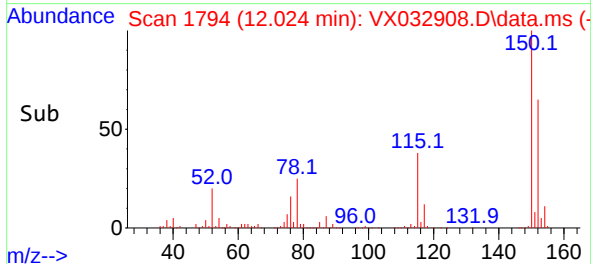


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

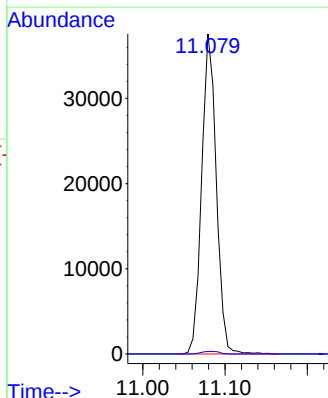
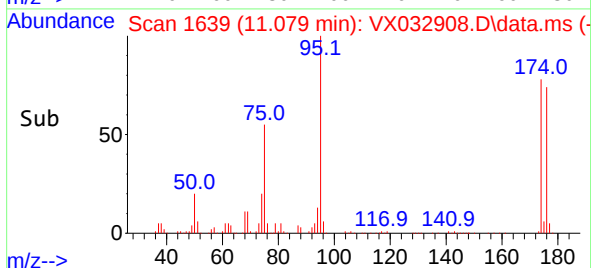
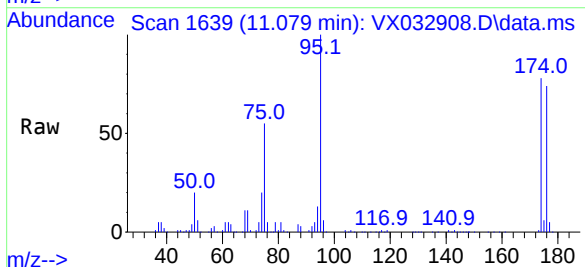


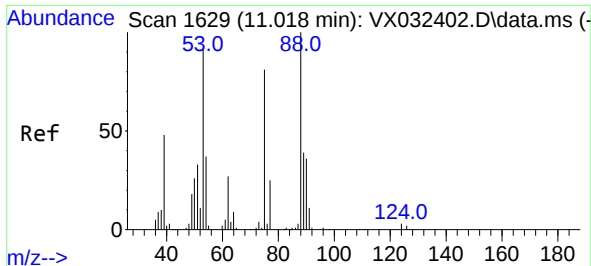
Tgt Ion:152 Resp: 75876
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 152.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

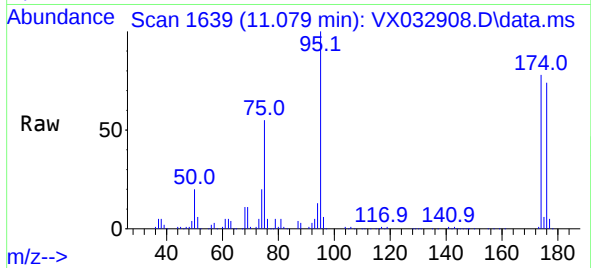
Tgt Ion: 75 Resp: 46598
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.838 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116



Tgt Ion: 75 Resp: 46598
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

