

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032958.D
 Acq On : 21 Nov 2022 17:28
 Operator : JC/MD
 Sample : N5729-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S-20221117

Quant Time: Nov 22 05:12:55 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)

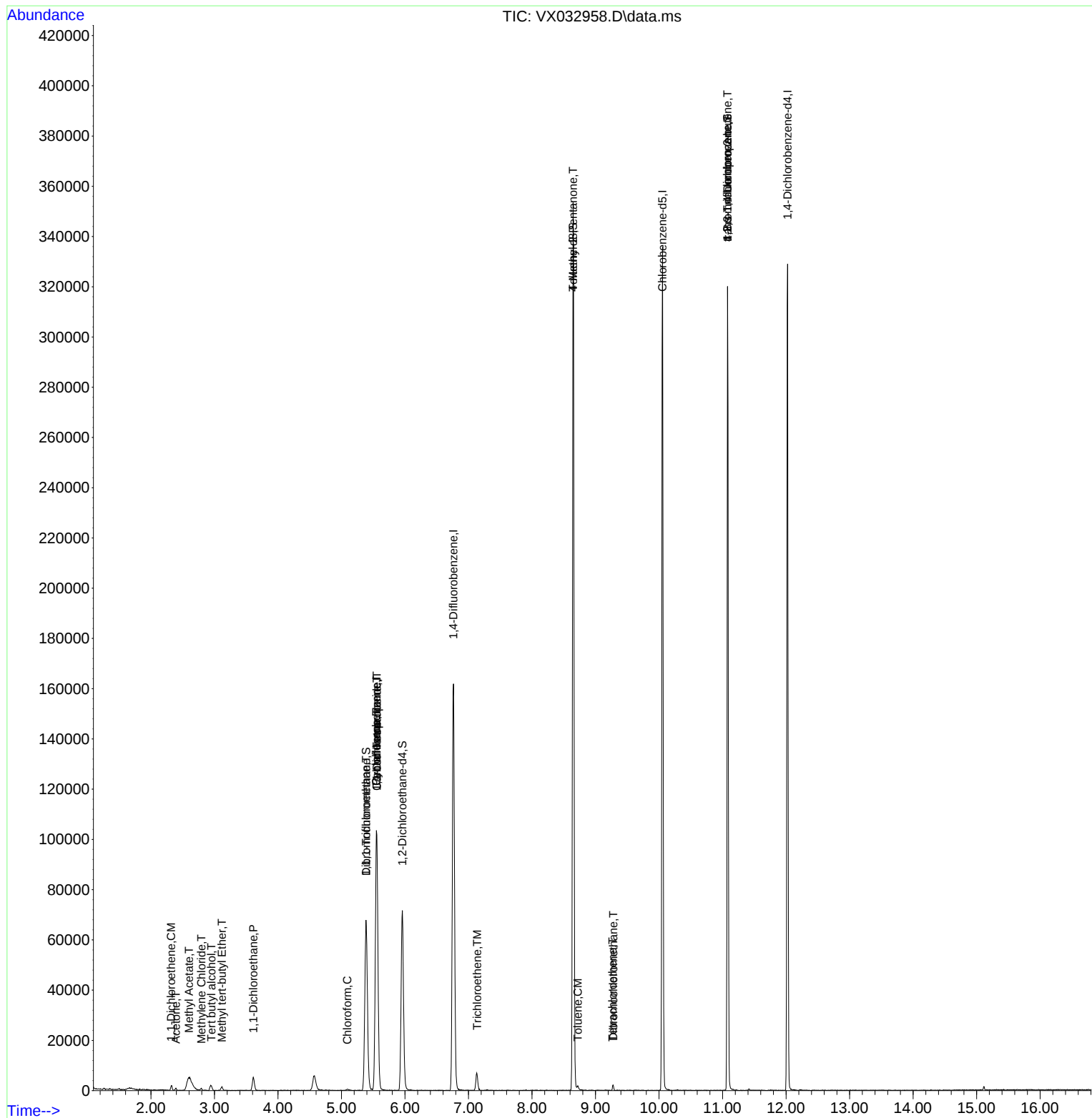
Internal Standards						
1) Pentafluorobenzene	5.550	168	99596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71169	51.428	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.860%			
35) Dibromofluoromethane	5.385	113	57230	48.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.460%			
50) Toluene-d8	8.647	98	209773	50.837	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	77975	48.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.760%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	1346	6.683	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	658	0.659	ug/l	92
16) Acetone	2.392	43	792	1.575	ug/l #	79
18) Methyl Acetate	2.599	43	4975	3.042	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	1455	0.414	ug/l	92
20) Methylene Chloride	2.794	84	382	0.331	ug/l #	72
24) 1,1-Dichloroethane	3.611	63	6051	3.055	ug/l	97
30) Chloroform	5.093	83	555	0.255	ug/l	97
31) Cyclohexane	5.550	56	2141	1.276	ug/l #	19
32) 1,1,1-Trichloroethane	5.385	97	564	0.289	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	7836	4.742	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9698	5.291	ug/l #	14
44) Trichloroethene	7.135	130	2900	2.203	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	915	0.550	ug/l #	1
52) Toluene	8.720	92	664	0.218	ug/l	86
60) Dibromochloromethane	9.281	129	373	0.266	ug/l #	11
64) Tetrachloroethene	9.269	164	392	0.359	ug/l #	72
76) 1,2,3-Trichloropropane	11.079	75	42293	27.992	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42293	89.070	ug/l #	6

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

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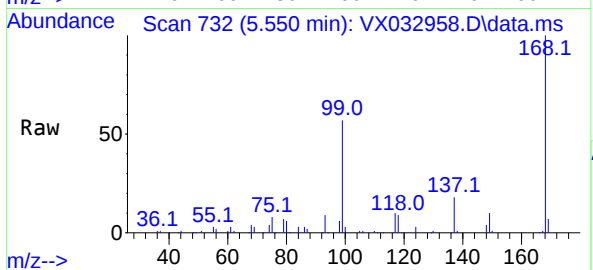
Quant Time: Nov 22 05:12:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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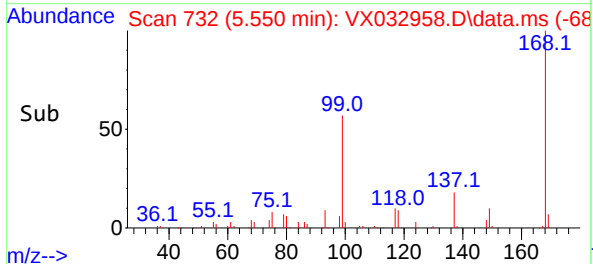
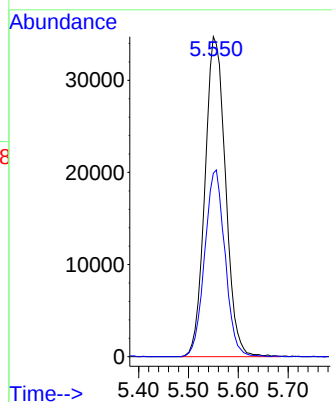


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

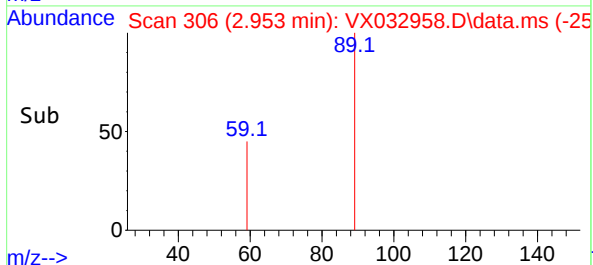
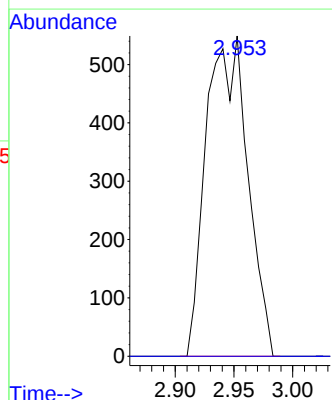
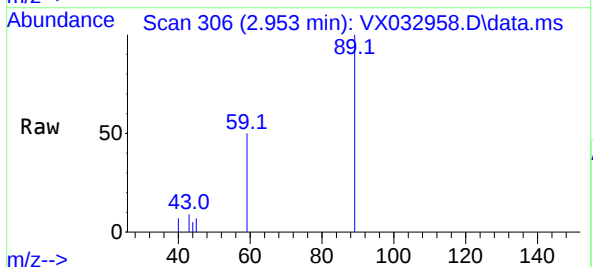


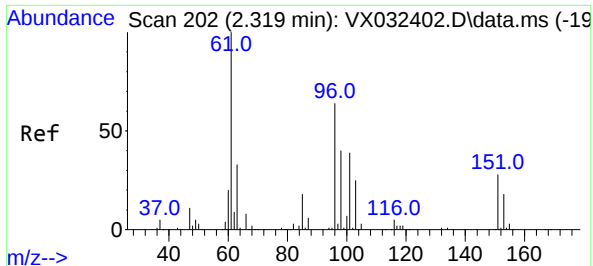
Tgt Ion:168 Resp: 99596
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.683 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 59 Resp: 1346
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

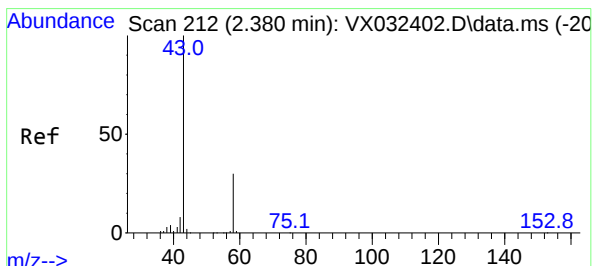
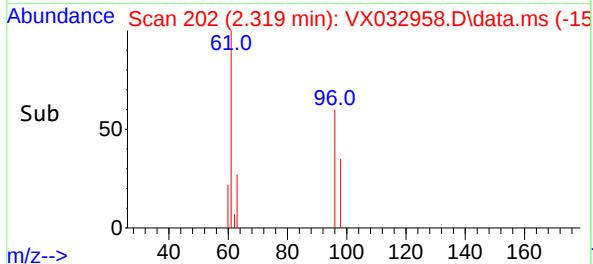
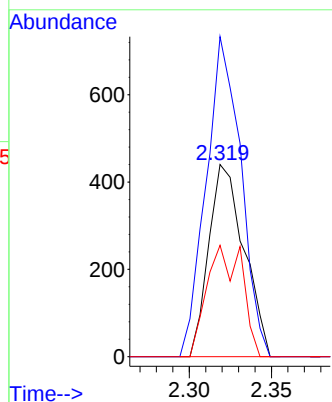
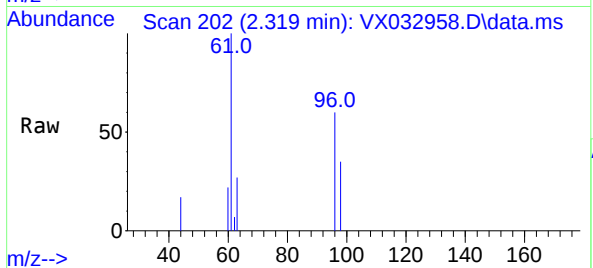




#12
1,1-Dichloroethene
Concen: 0.659 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

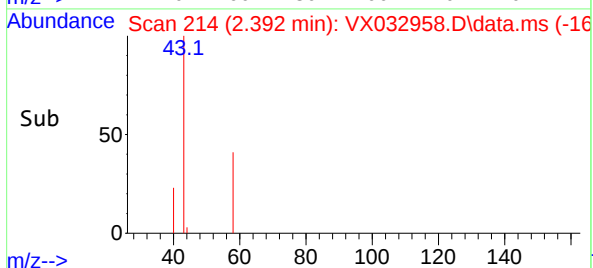
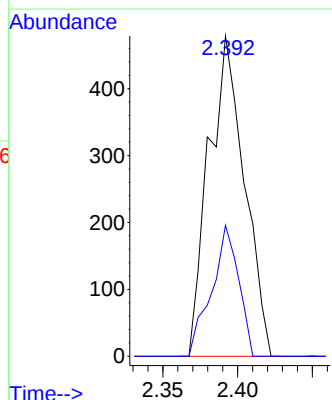
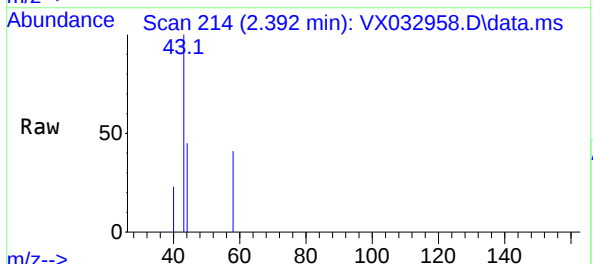
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

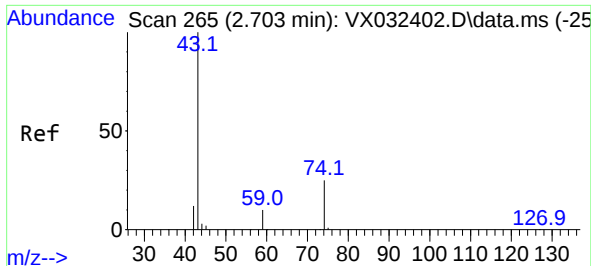
Tgt Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 166.6 125.1 187.7
98 58.0 50.6 76.0



#16
Acetone
Concen: 1.575 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 40.9 23.8 35.8#





#18

Methyl Acetate

Concen: 3.042 ug/l

RT: 2.599 min Scan# 24

Delta R.T. -0.104 min

Lab File: VX032958.D

Acq: 21 Nov 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

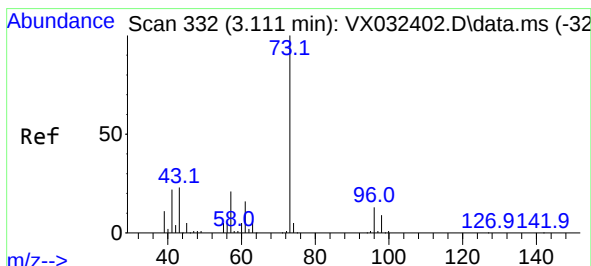
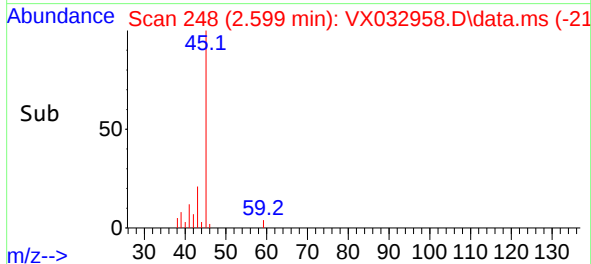
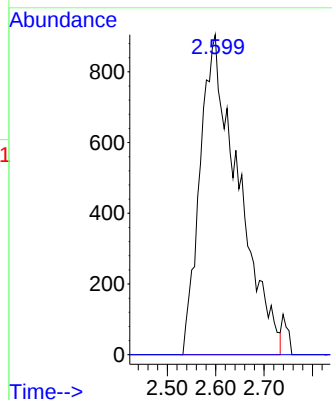
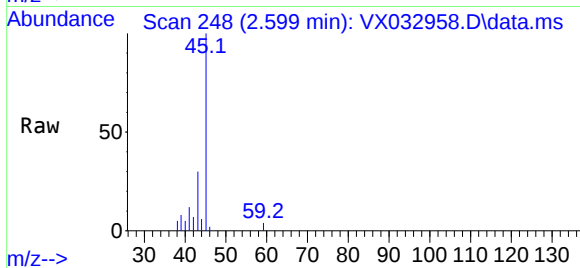
TT161S-20221117

Tgt Ion: 43 Resp: 4975

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#19

Methyl tert-butyl Ether

Concen: 0.414 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX032958.D

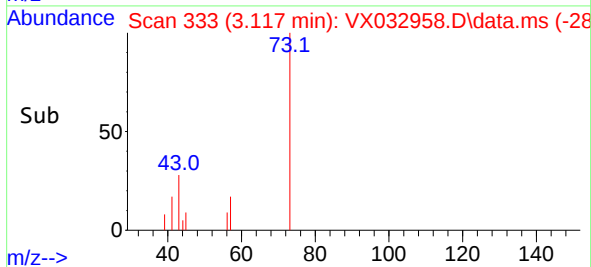
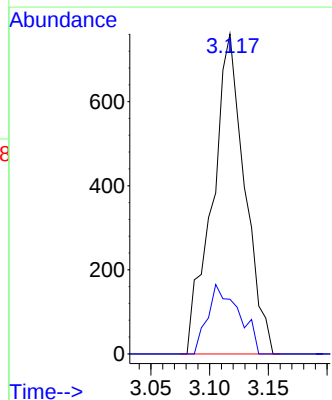
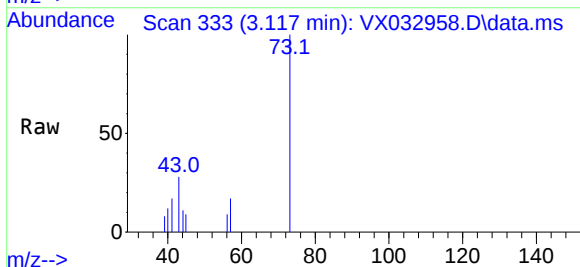
Acq: 21 Nov 2022 17:28

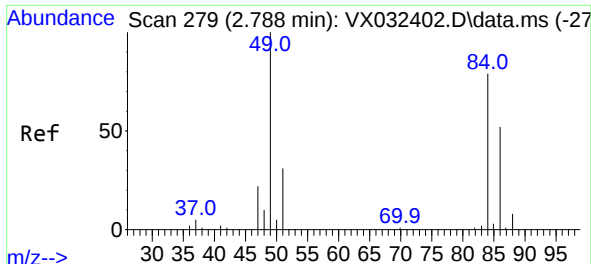
Tgt Ion: 73 Resp: 1455

Ion Ratio Lower Upper

73 100

57 17.1 16.6 25.0



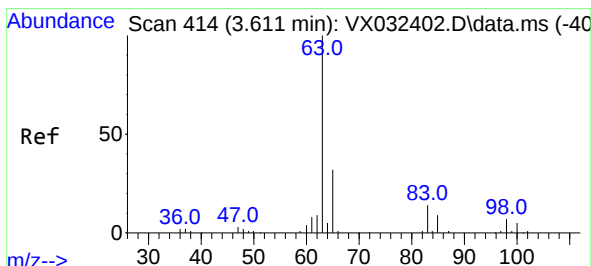
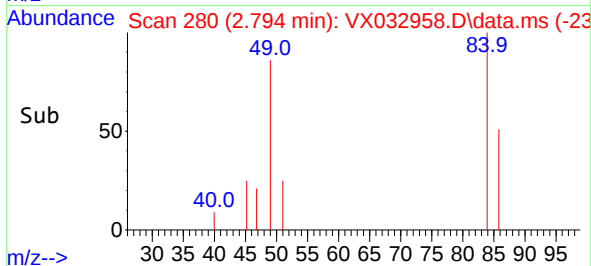
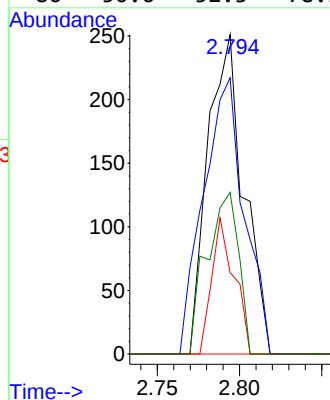
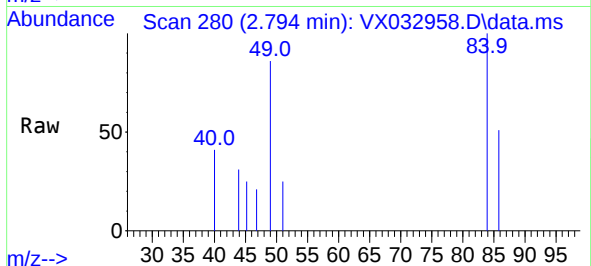


#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

Tgt Ion: 84 Resp: 382

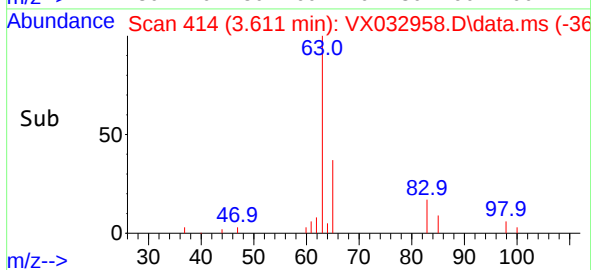
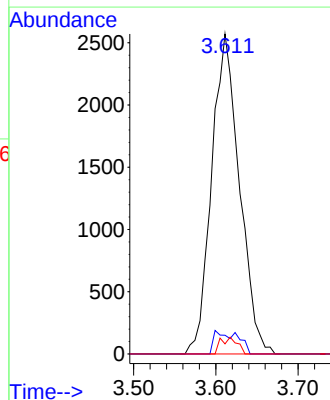
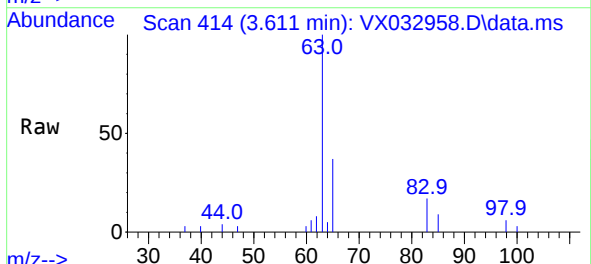
Ion	Ratio	Lower	Upper
84	100		
49	86.5	101.0	151.6#
51	25.5	31.1	46.7#
86	50.6	52.3	78.5#

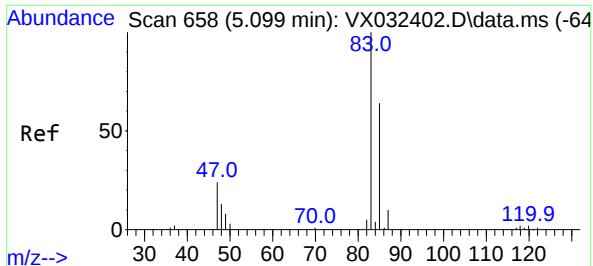


#24
1,1-Dichloroethane
Concen: 3.055 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 63 Resp: 6051

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.5	10.4
100	3.2	2.3	6.8





#30

Chloroform

Concen: 0.255 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX032958.D

Acq: 21 Nov 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

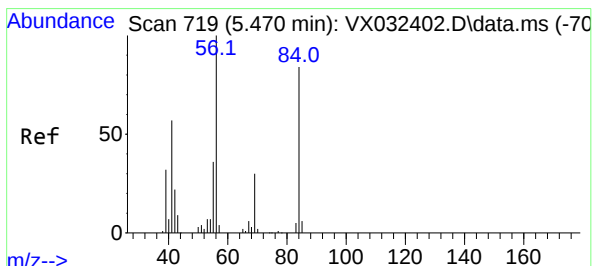
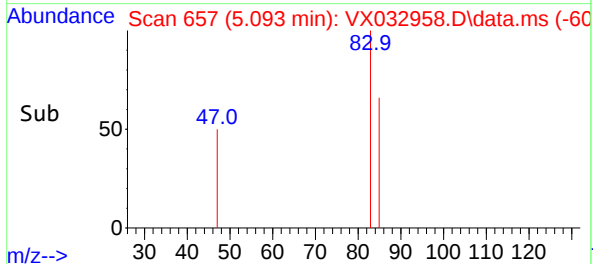
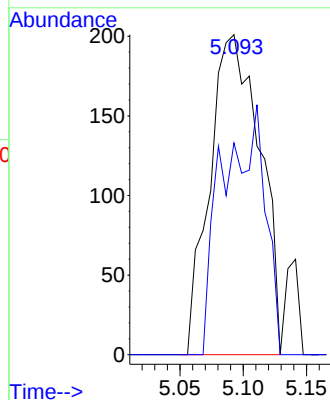
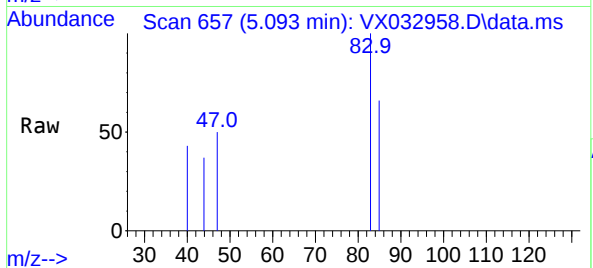
TT161S-20221117

Tgt Ion: 83 Resp: 555

Ion Ratio Lower Upper

83 100

85 66.2 51.1 76.7



#31

Cyclohexane

Concen: 1.276 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032958.D

Acq: 21 Nov 2022 17:28

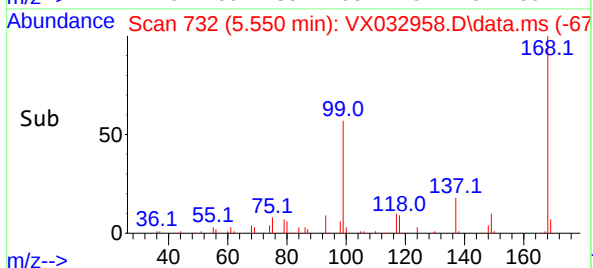
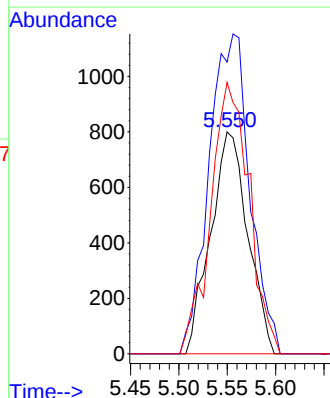
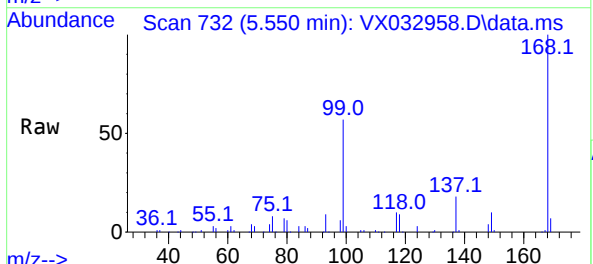
Tgt Ion: 56 Resp: 2141

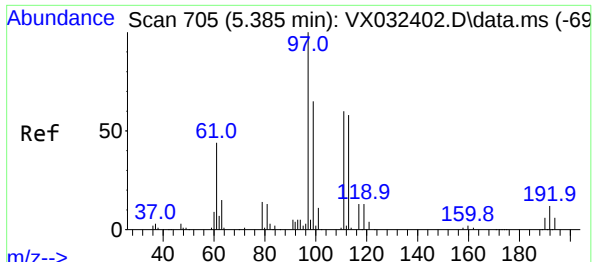
Ion Ratio Lower Upper

56 100

69 131.5 24.1 36.1#

84 122.2 66.9 100.3#

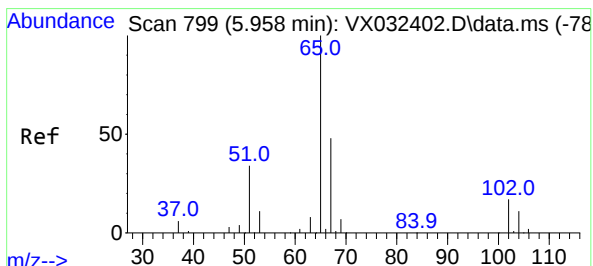
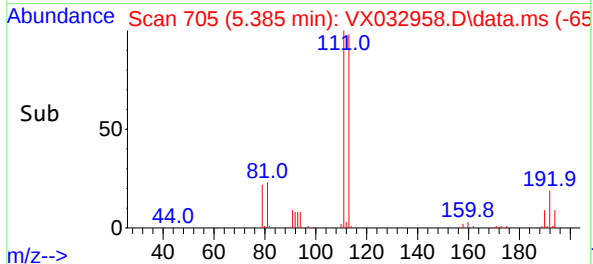
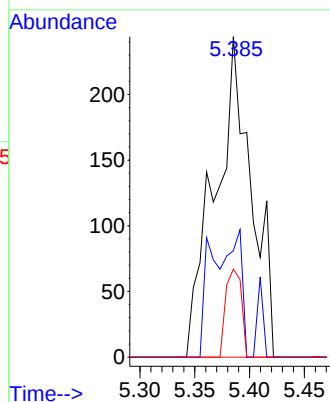
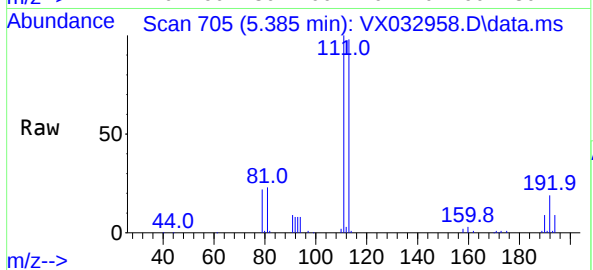




#32
1,1,1-Trichloroethane
Concen: 0.289 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

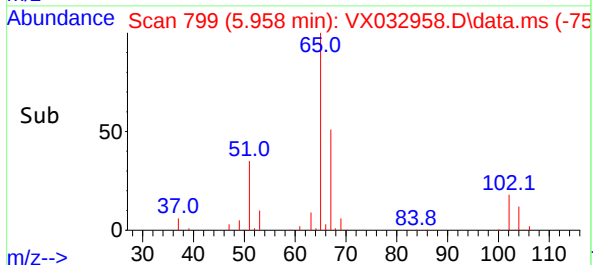
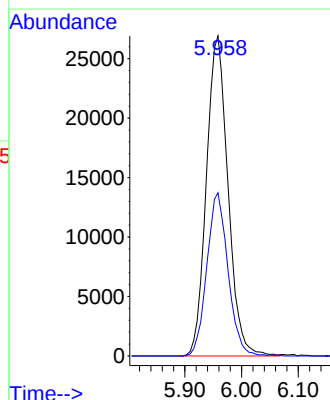
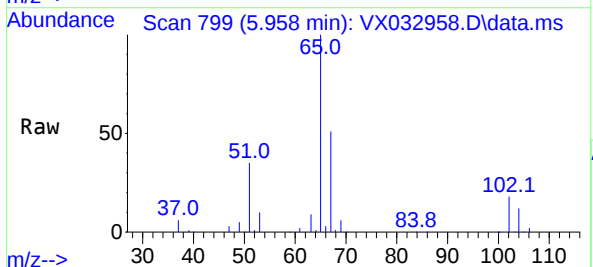
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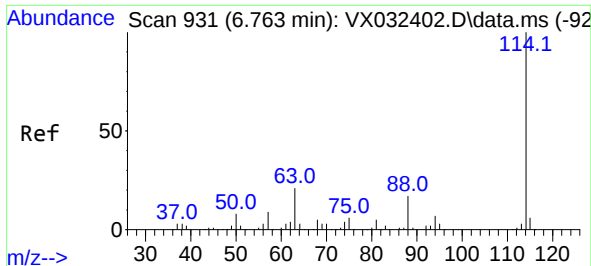
Tgt Ion:	97	Resp:	564
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	0.0	35.2	52.8#



#33
1,2-Dichloroethane-d4
Concen: 51.428 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion:	65	Resp:	71169
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.8

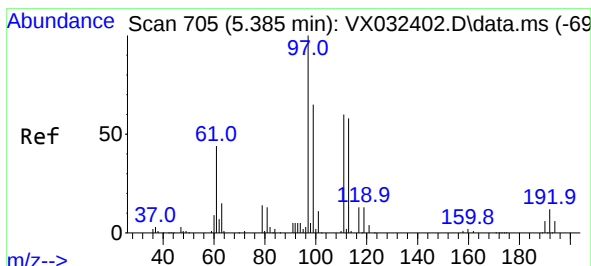
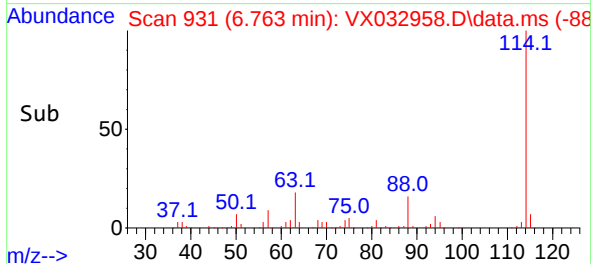
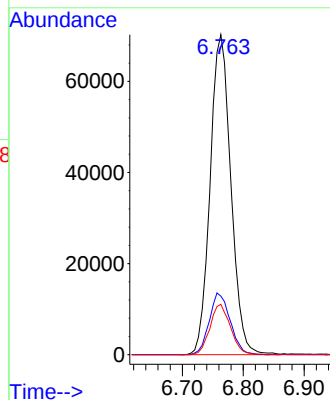
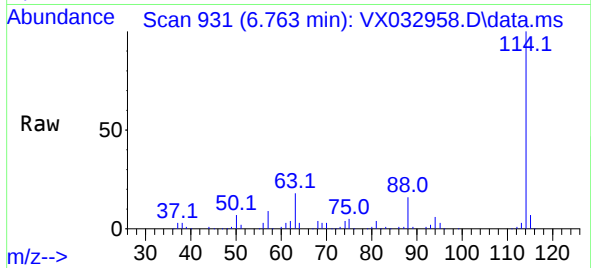




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

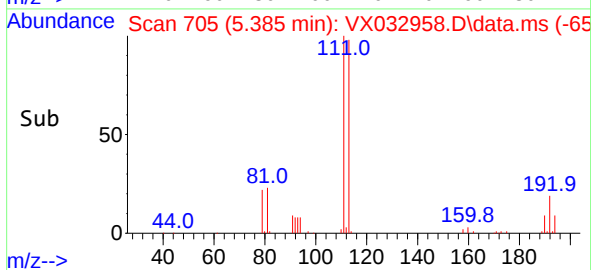
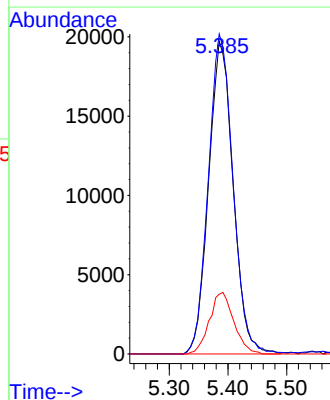
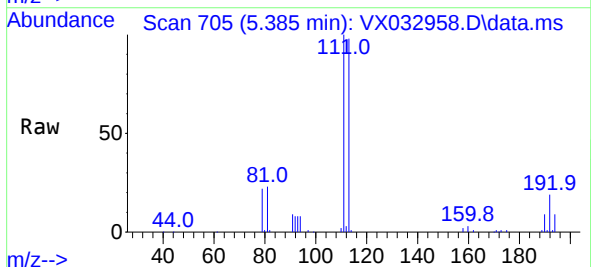
Instrument :
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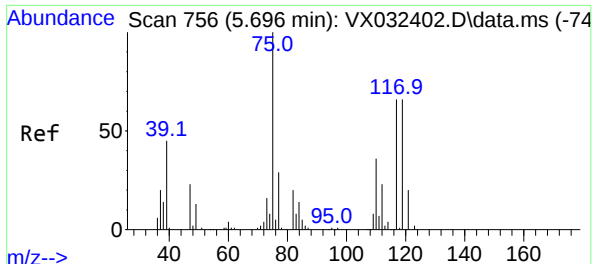
Tgt Ion:114 Resp: 166364
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.227 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion:113 Resp: 57230
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.6 15.4 23.2

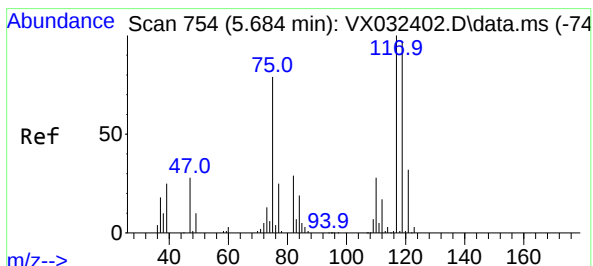
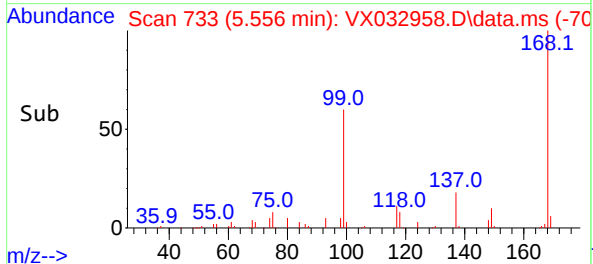
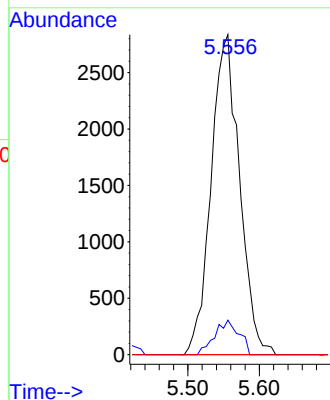
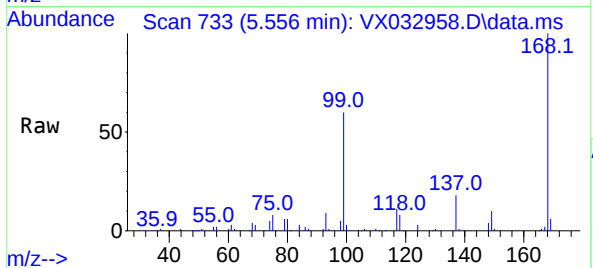




#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

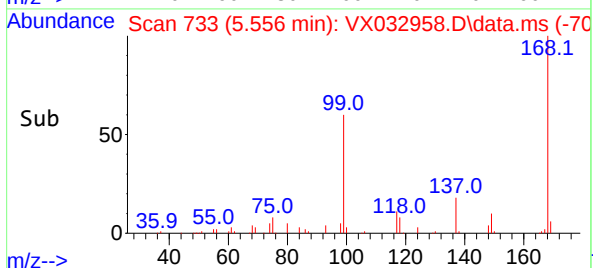
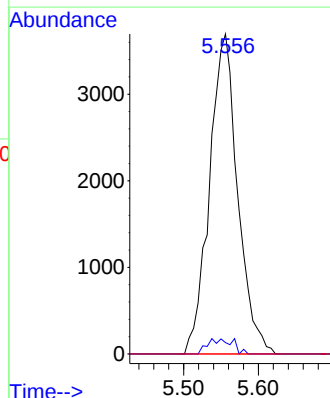
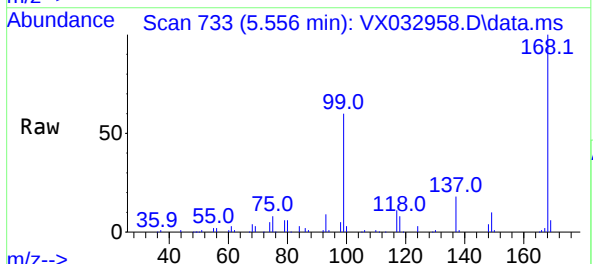
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

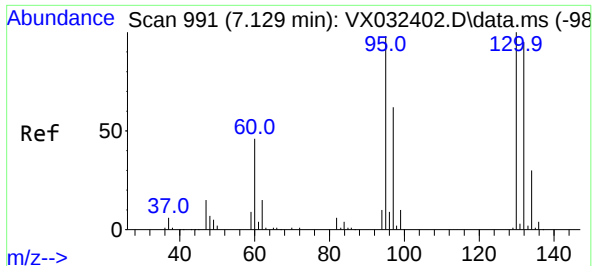
Tgt Ion: 75 Resp: 7836
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 117 Resp: 9698
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#

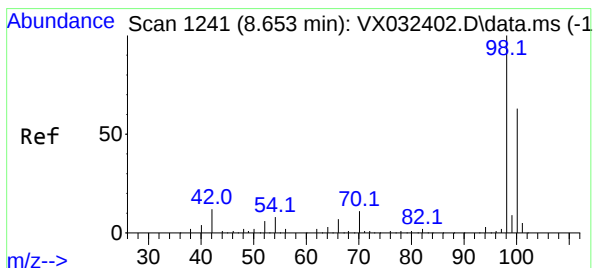
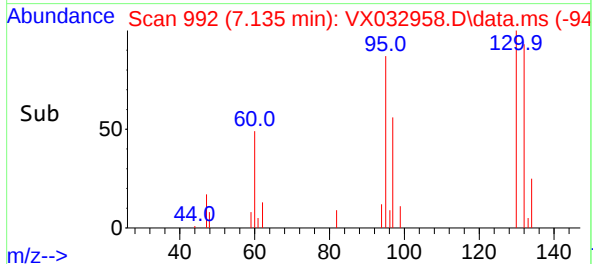
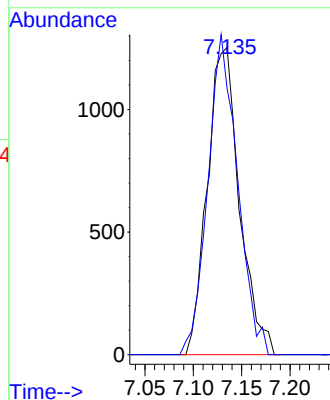
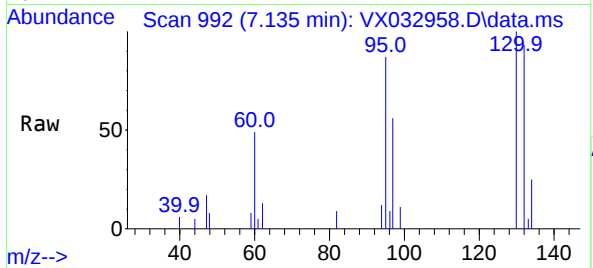




#44
Trichloroethene
Concen: 2.203 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

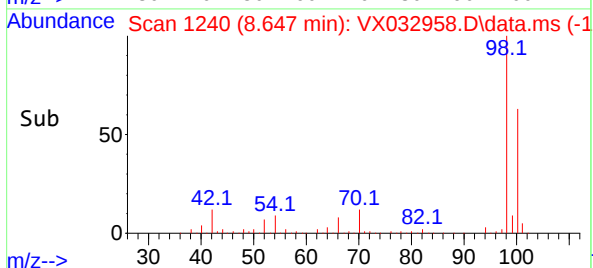
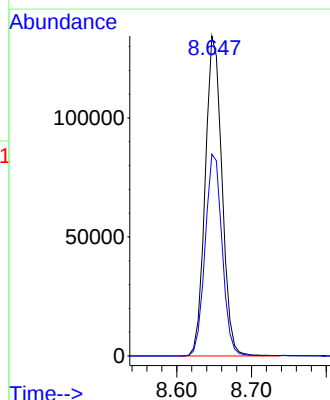
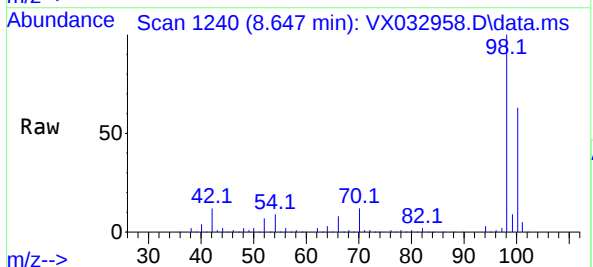
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

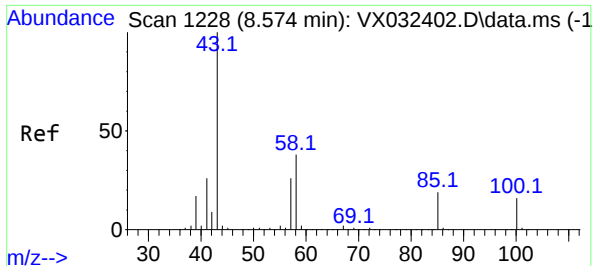
Tgt Ion:130 Resp: 2900
Ion Ratio Lower Upper
130 100
95 86.7 0.0 195.2



#50
Toluene-d8
Concen: 50.837 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 98 Resp: 209773
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

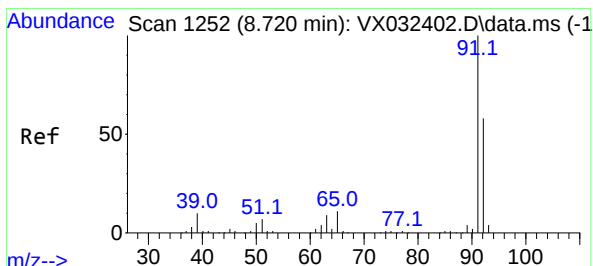
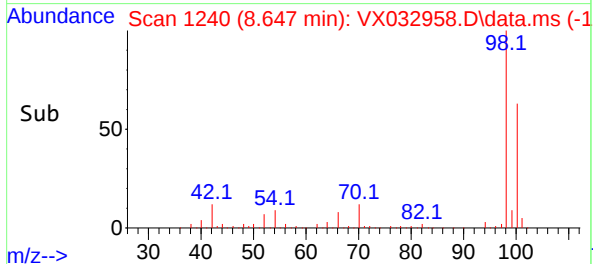
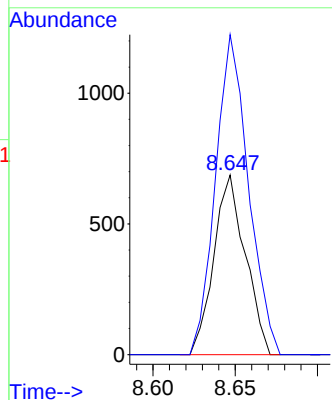
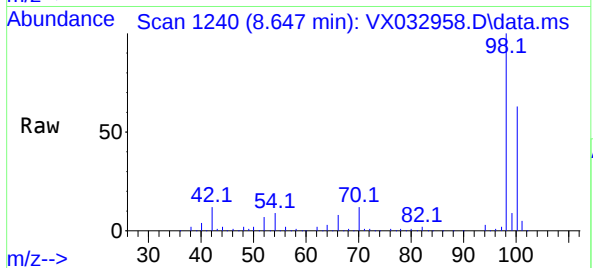




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

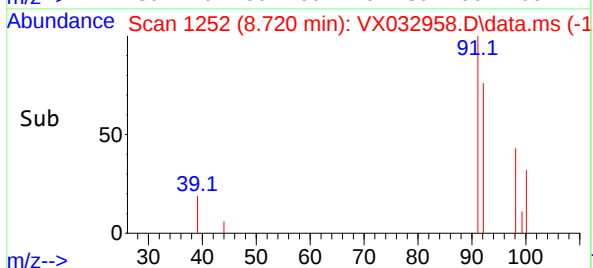
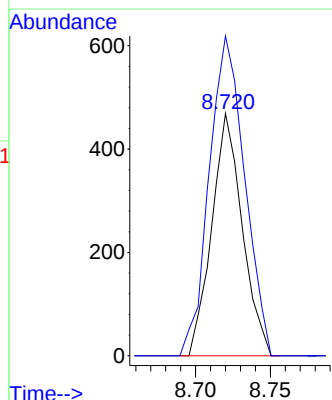
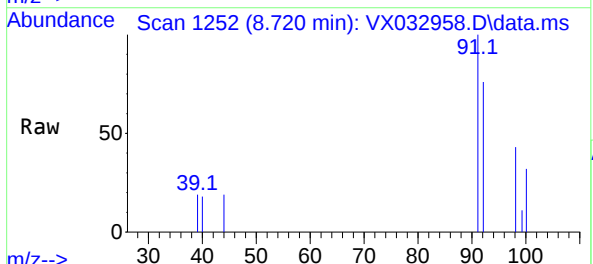
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

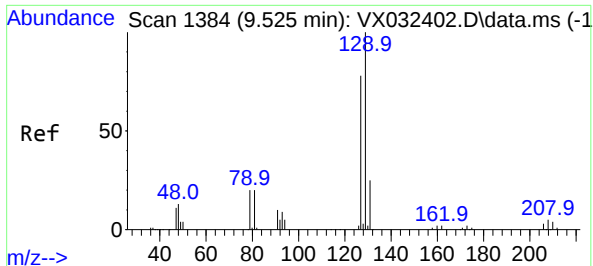
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 186.8 30.9 46.3#



#52
Toluene
Concen: 0.218 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion: 92 Resp: 664
Ion Ratio Lower Upper
92 100
91 153.5 138.3 207.5





#60

Dibromochloromethane

Concen: 0.266 ug/l

RT: 9.281 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX032958.D

Acq: 21 Nov 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

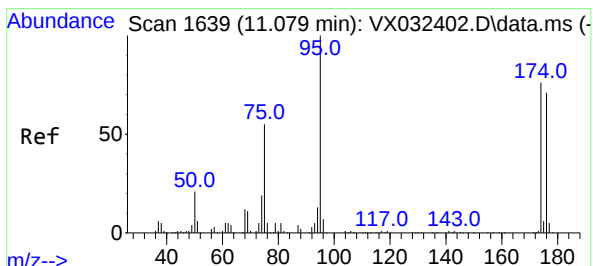
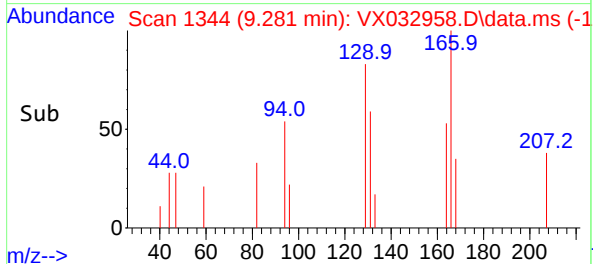
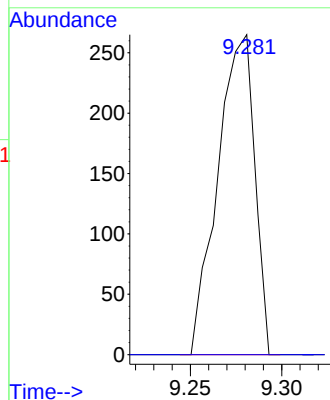
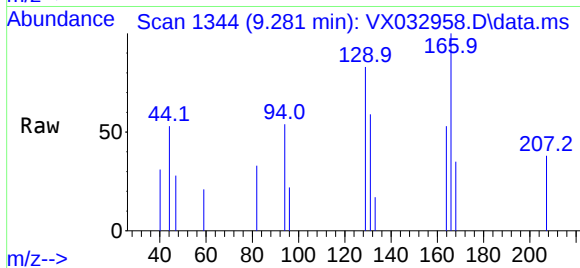
TT161S-20221117

Tgt Ion:129 Resp: 373

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



#62

4-Bromofluorobenzene

Concen: 48.376 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032958.D

Acq: 21 Nov 2022 17:28

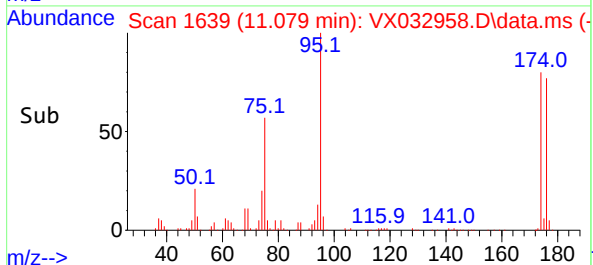
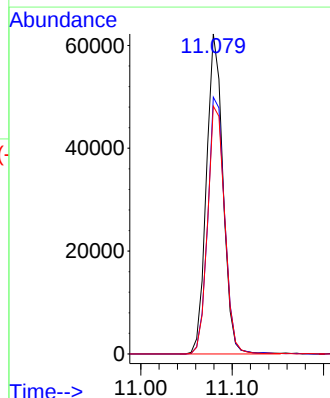
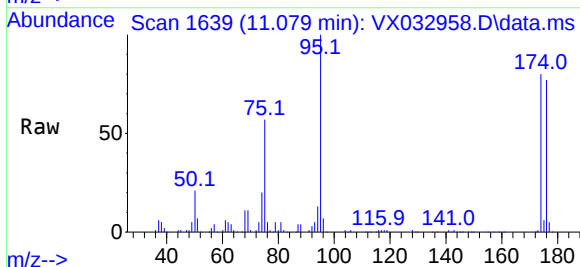
Tgt Ion: 95 Resp: 77975

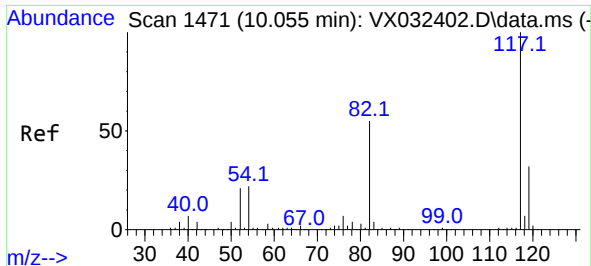
Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 80.0 0.0 154.4

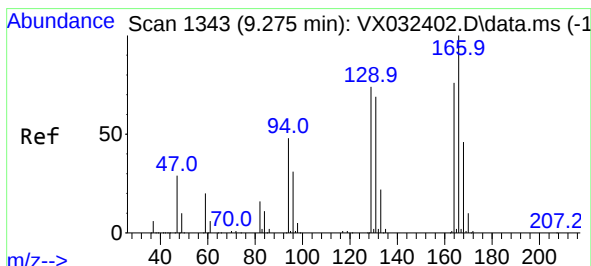
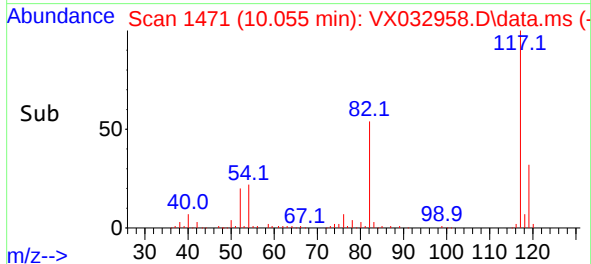
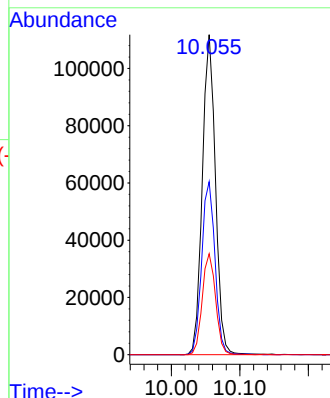
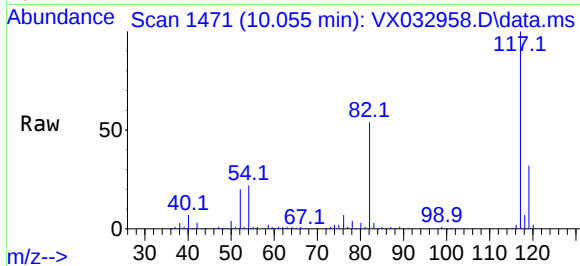




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

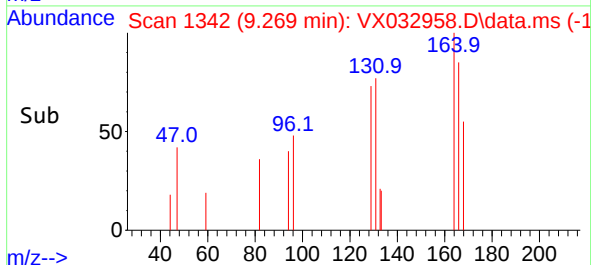
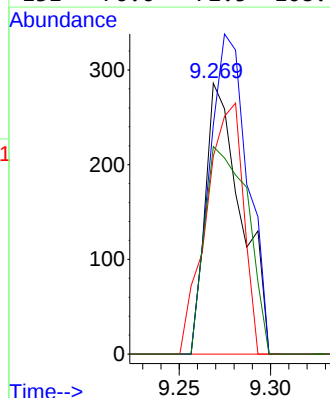
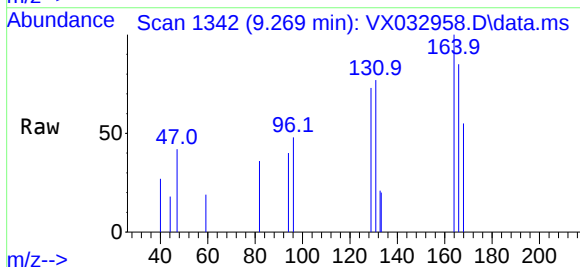
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

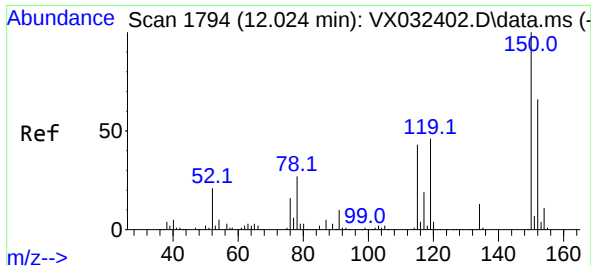
Tgt Ion:117 Resp: 149379
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 0.359 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

Tgt Ion:164 Resp: 392
Ion Ratio Lower Upper
164 100
166 84.6 105.4 158.2#
129 73.1 78.2 117.2#
131 76.6 72.5 108.7

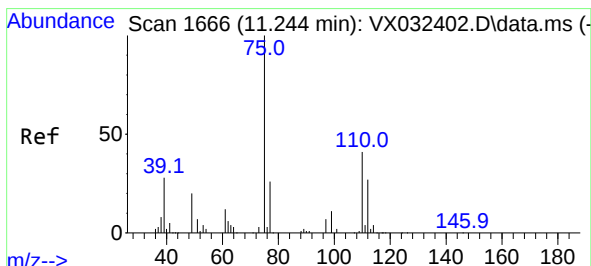
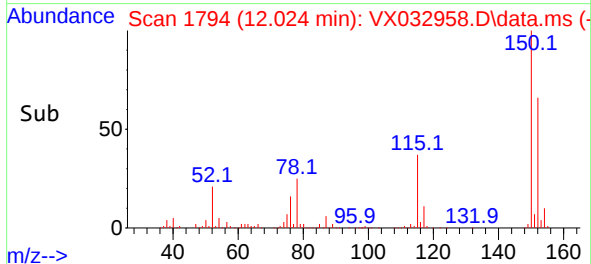
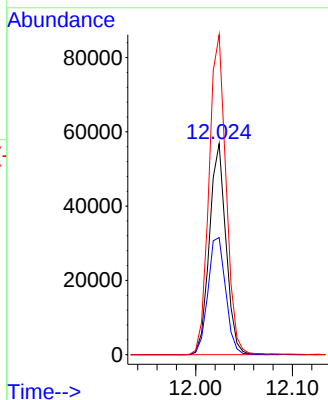
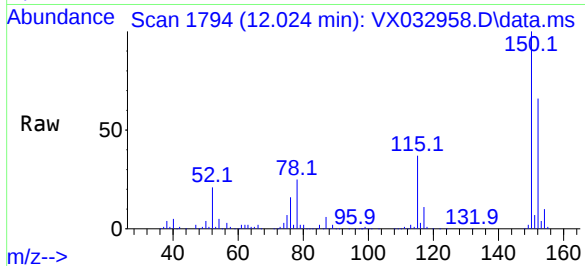




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

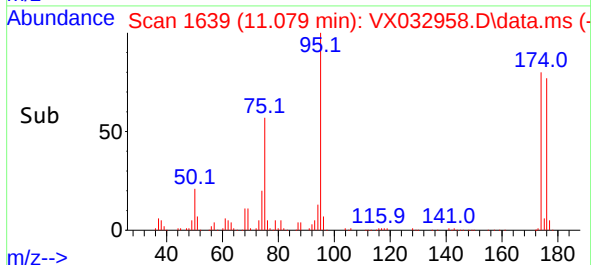
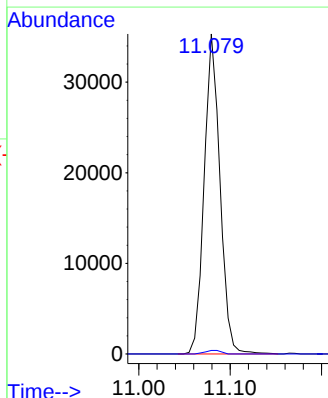
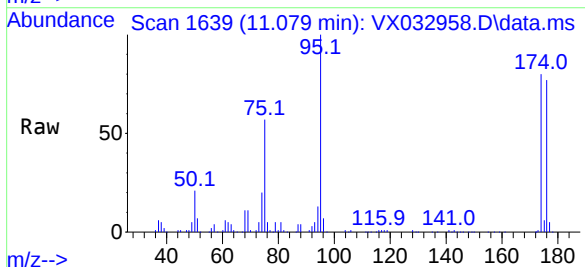
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117

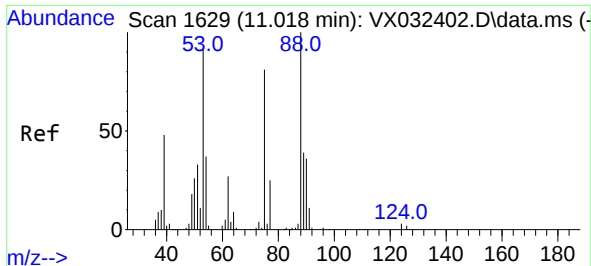
Tgt Ion:152 Resp: 67914
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 155.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032958.D
Acq: 21 Nov 2022 17:28

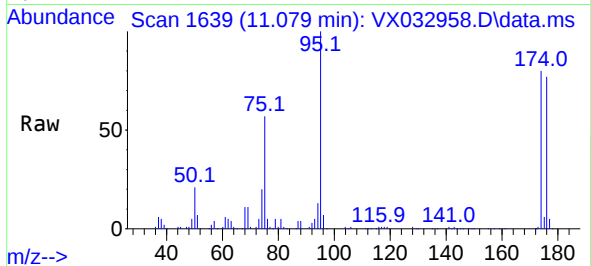
Tgt Ion: 75 Resp: 42293
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.070 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032958.D
 Acq: 21 Nov 2022 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S-20221117



Tgt Ion: 75 Resp: 42293
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

