

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008175.D
 Acq On : 04 Apr 2022 12:52
 Operator : SY/MD
 Sample : VY0404SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:39:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

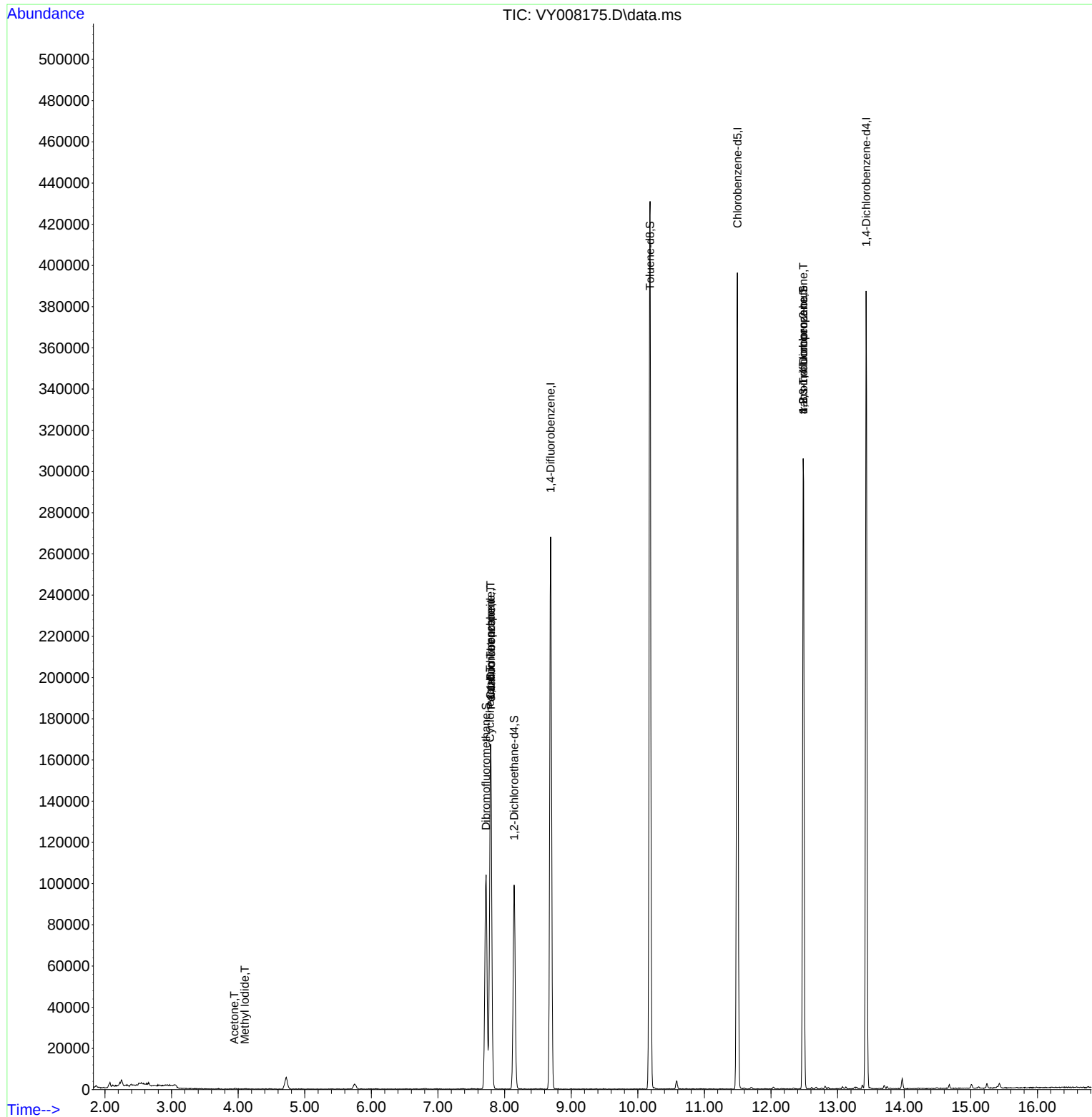
Internal Standards						
1) Pentafluorobenzene	7.795	168	133021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74183	55.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.160%
35) Dibromofluoromethane	7.722	113	74656	49.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.185	98	292352	51.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.483	95	95805	47.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.540%
Target Compounds						
10) Methyl Iodide	4.101	142	301	1.861	ug/l #	43
16) Acetone	3.942	43	467	1.531	ug/l #	47
18) Methyl Acetate	4.466	43	291	Below Cal	#	56
20) Methylene Chloride	4.722	84	4623	Below Cal	#	66
31) Cyclohexane	7.783	56	2649	1.062	ug/l #	2
36) 1,1-Dichloropropene	7.789	75	10067	4.247	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13170	5.099	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	49332	42.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49332	94.100	ug/l #	7

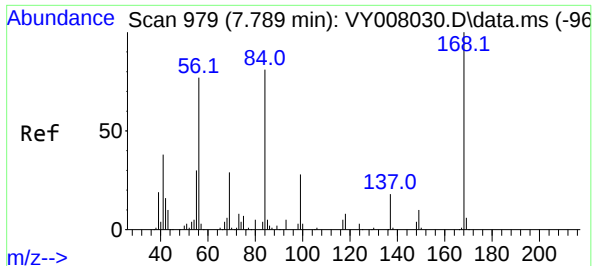
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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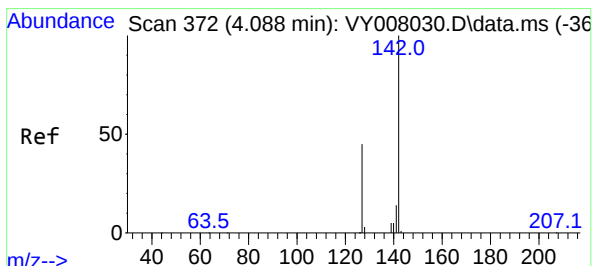
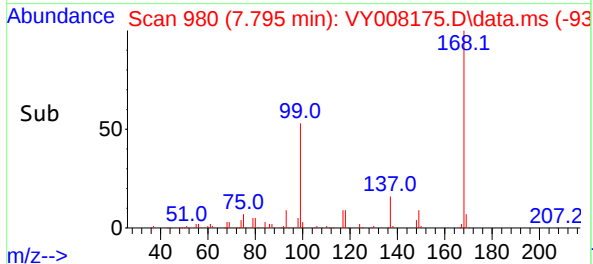
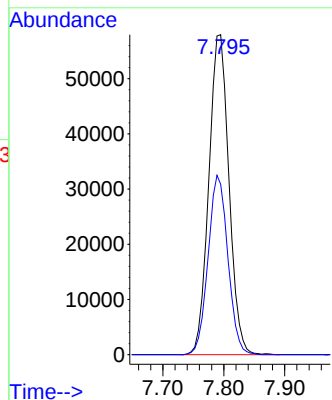
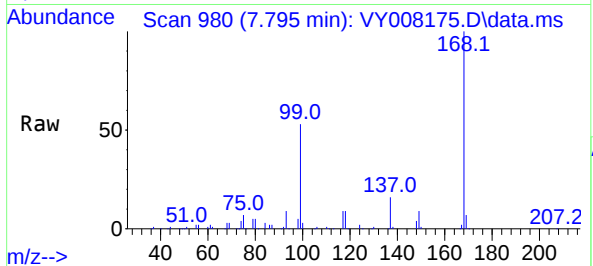




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

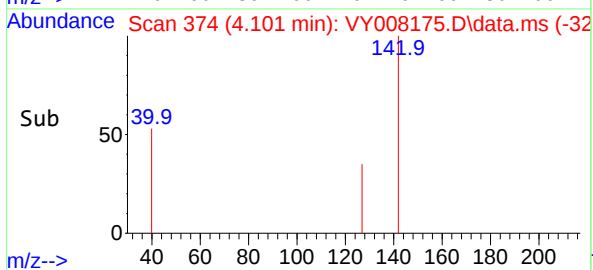
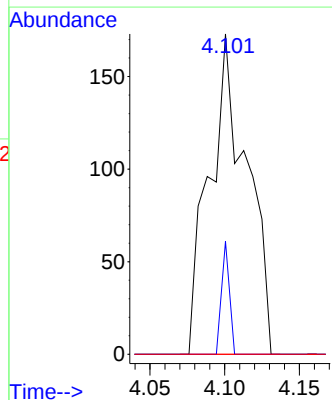
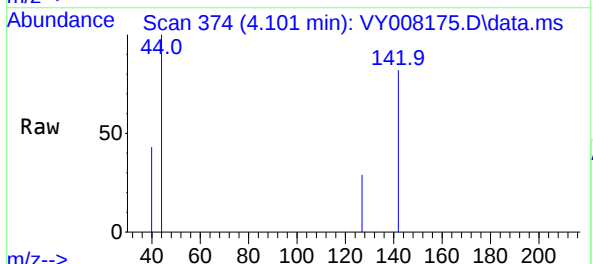
Instrument :
MSVOA_Y
ClientSampleId :

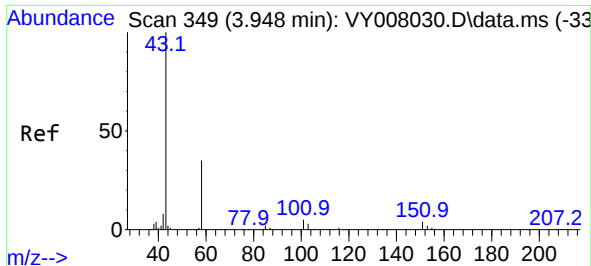
Tgt Ion:168 Resp: 133021
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.861 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

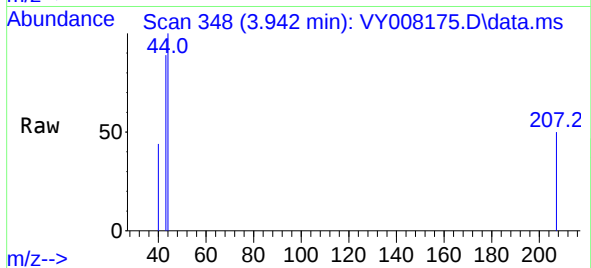
Tgt Ion:142 Resp: 301
Ion Ratio Lower Upper
142 100
127 7.3 41.5 62.3#
141 0.0 11.9 17.9#



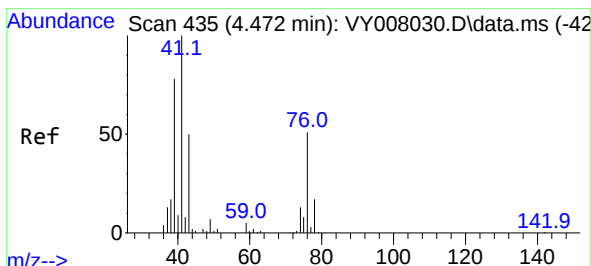
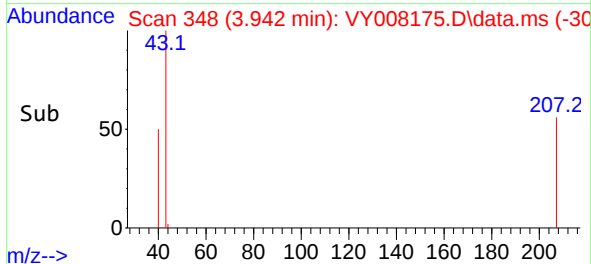
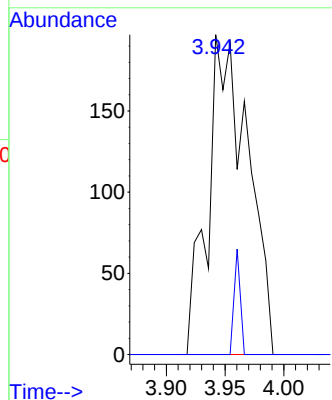


#16
Acetone
Concen: 1.531 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :

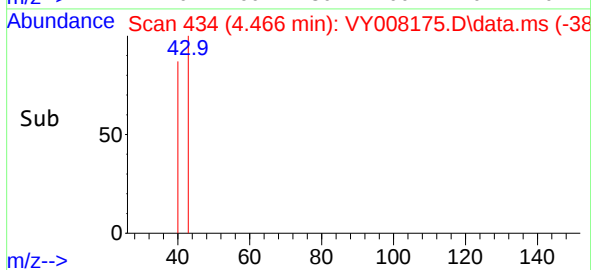
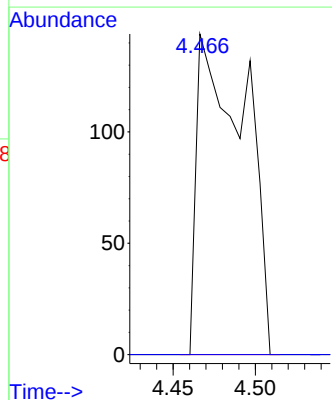
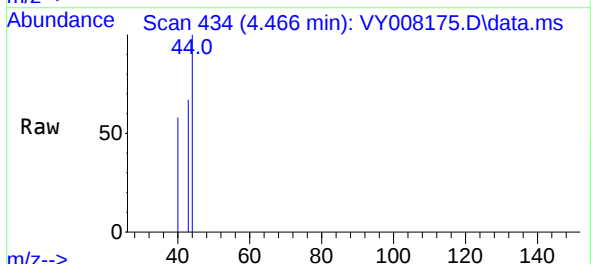


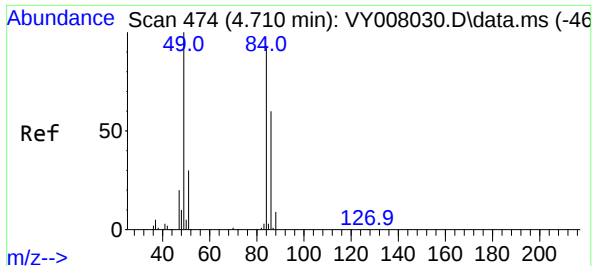
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



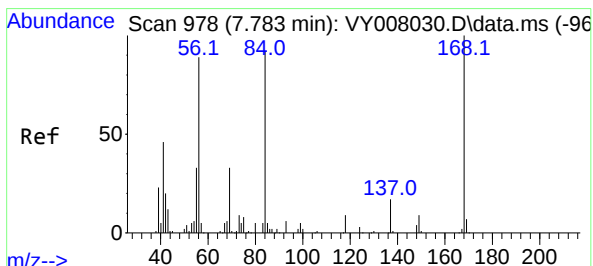
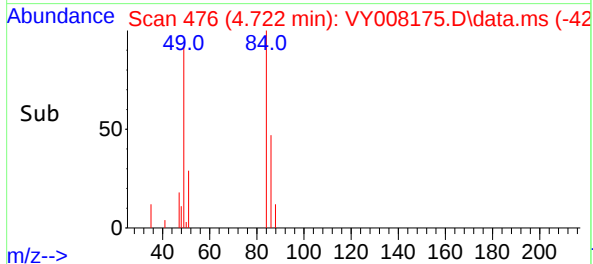
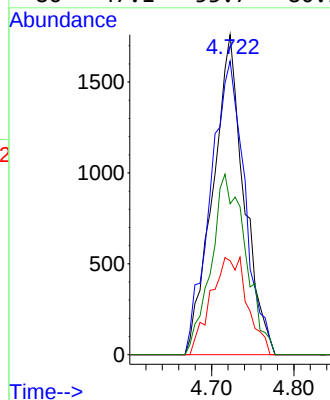
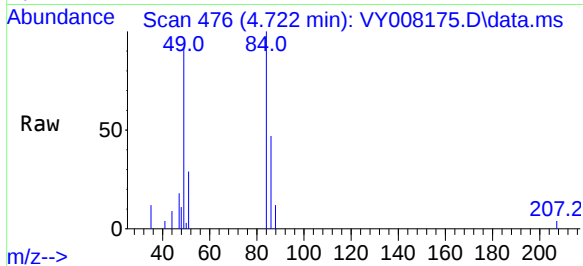


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 4623

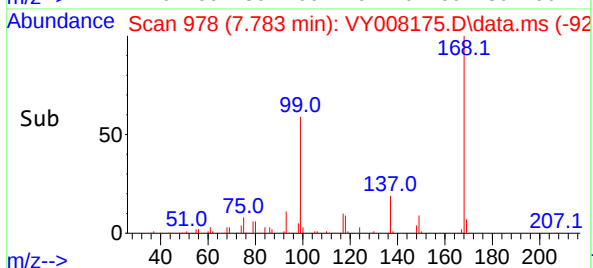
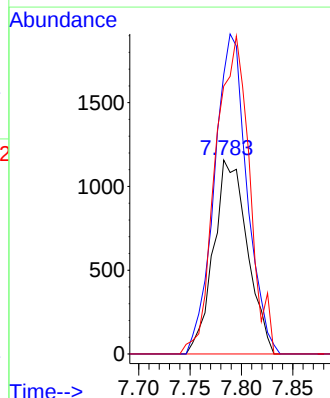
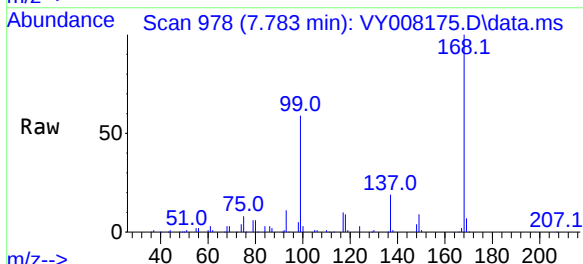
Ion	Ratio	Lower	Upper
84	100		
49	91.8	114.4	171.6#
51	29.4	35.3	52.9#
86	47.1	53.7	80.5#

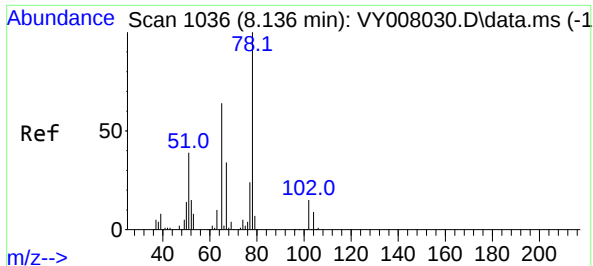


#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Tgt Ion: 56 Resp: 2649

Ion	Ratio	Lower	Upper
56	100		
69	144.0	26.7	40.1#
84	138.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.584 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008175.D

Acq: 04 Apr 2022 12:52

Instrument :

MSVOA_Y

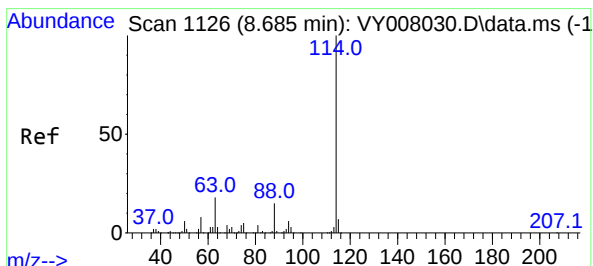
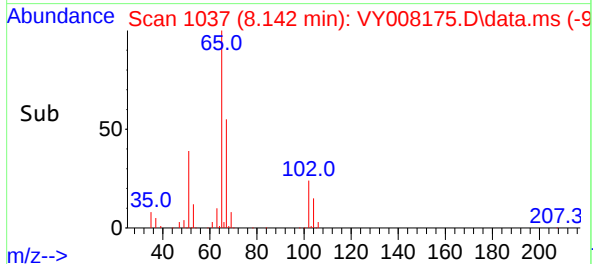
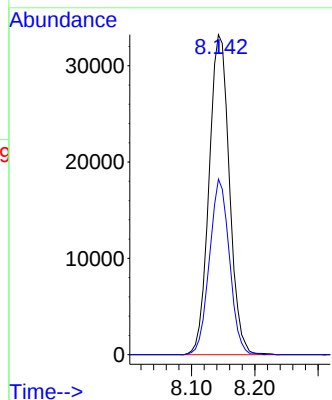
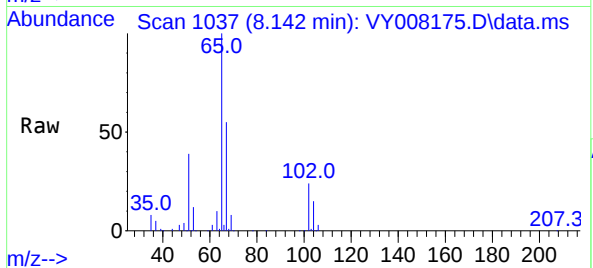
ClientSampleId :

Tgt Ion: 65 Resp: 74183

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008175.D

Acq: 04 Apr 2022 12:52

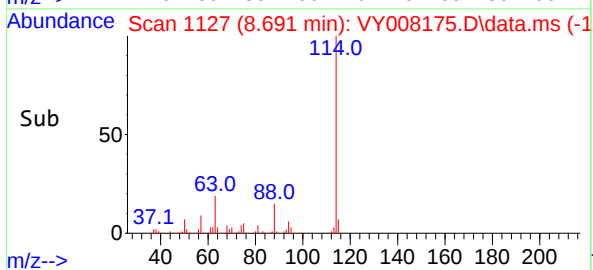
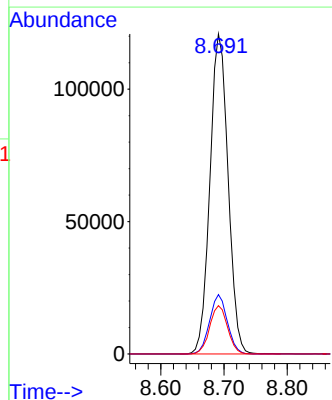
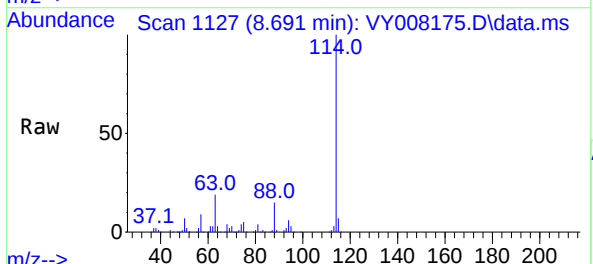
Tgt Ion: 114 Resp: 240660

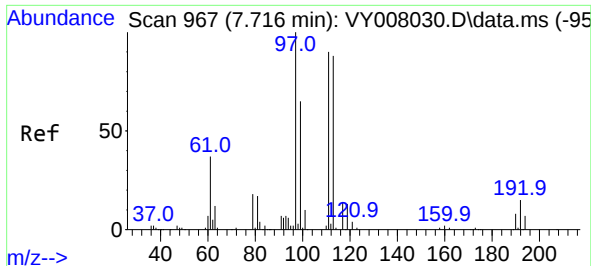
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

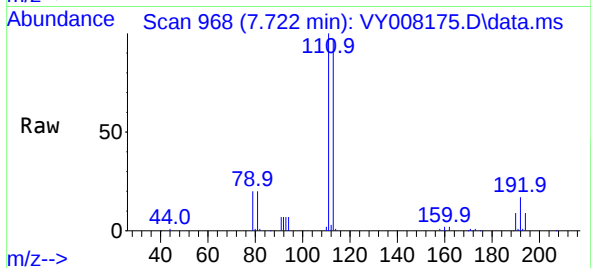
88 15.1 0.0 31.8



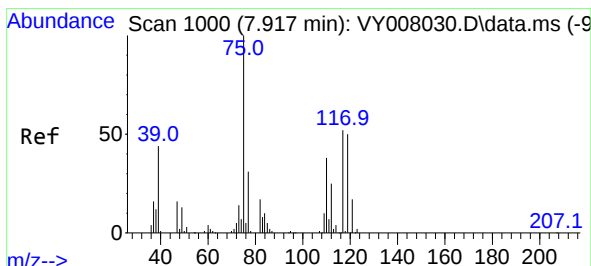
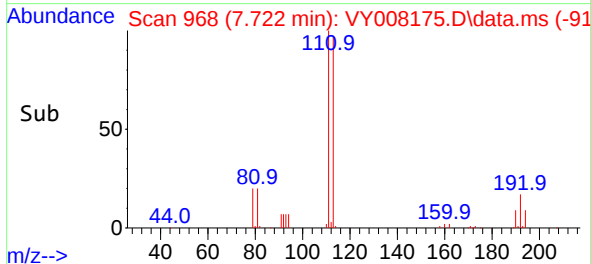
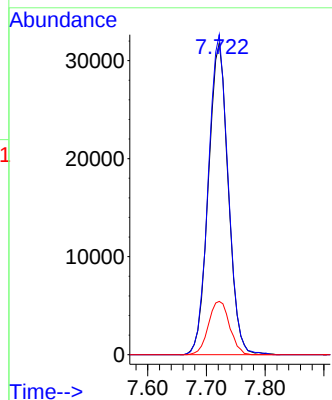


#35
Dibromofluoromethane
Concen: 49.478 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :

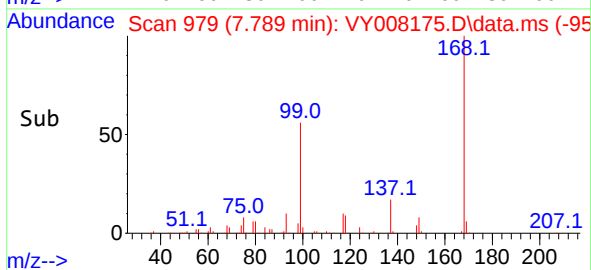
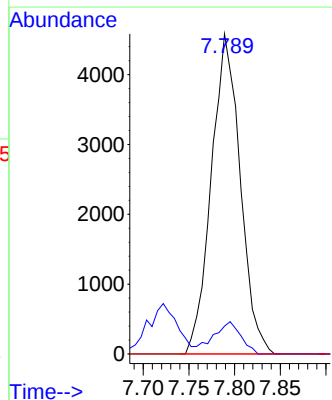
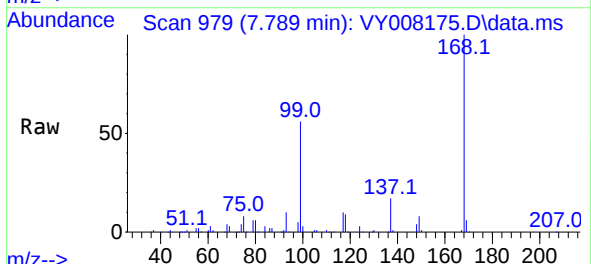


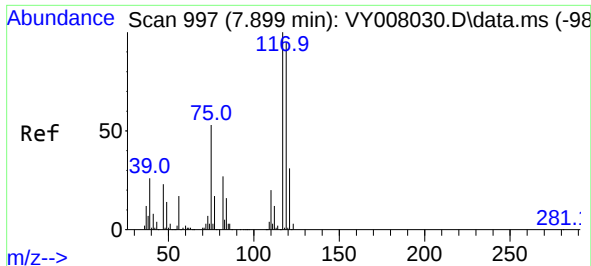
Tgt Ion:113 Resp: 74656
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

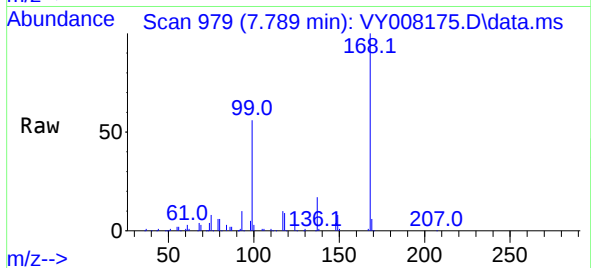
Tgt Ion: 75 Resp: 10067
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



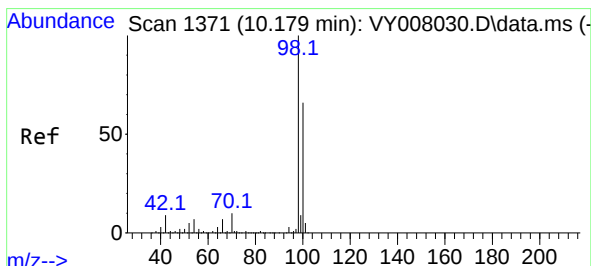
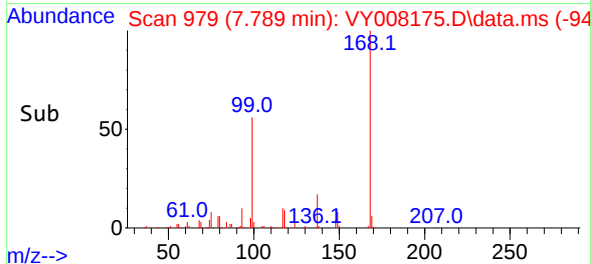
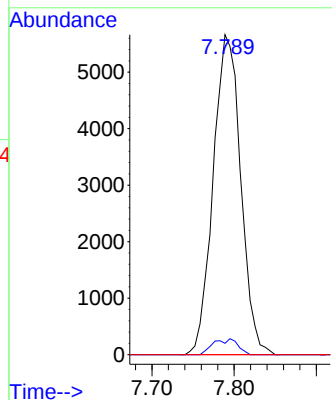


#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :

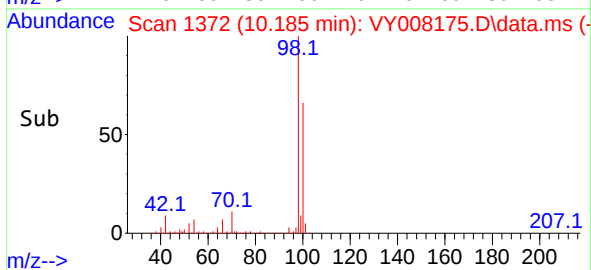
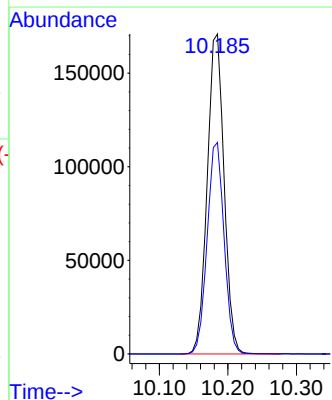
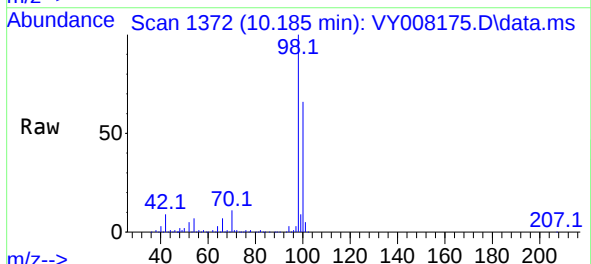


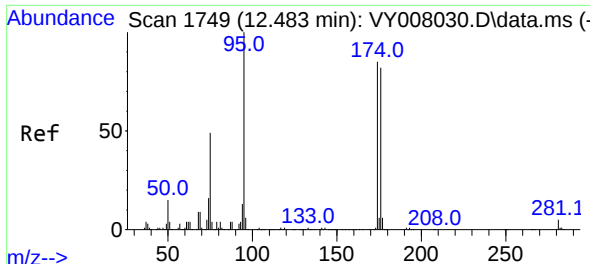
Tgt Ion:117 Resp: 13170
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.428 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

Tgt Ion: 98 Resp: 292352
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2

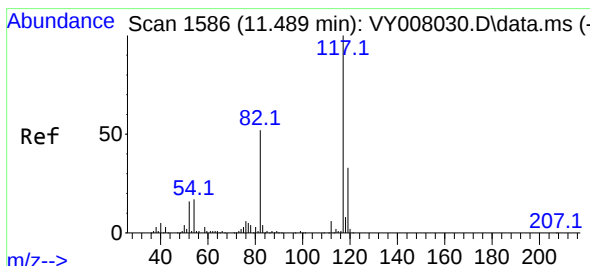
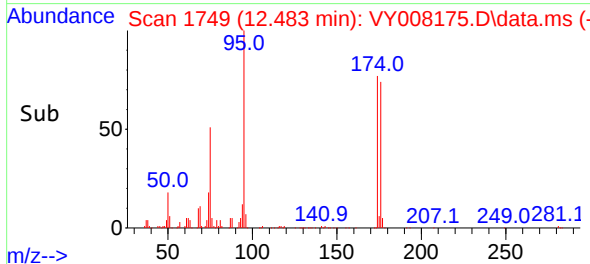
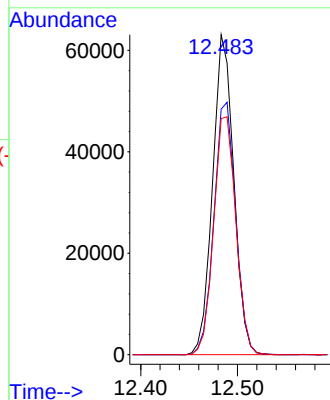
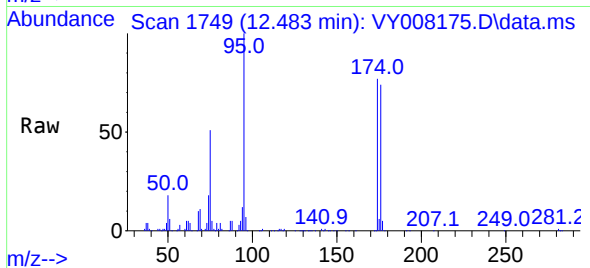




#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

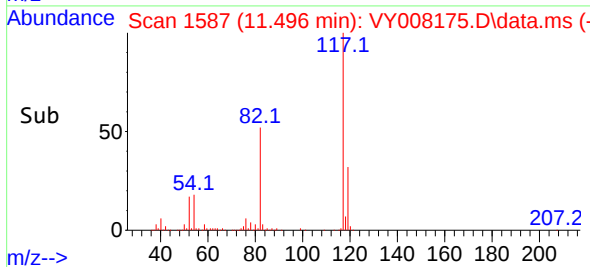
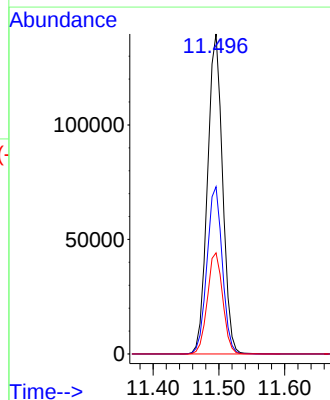
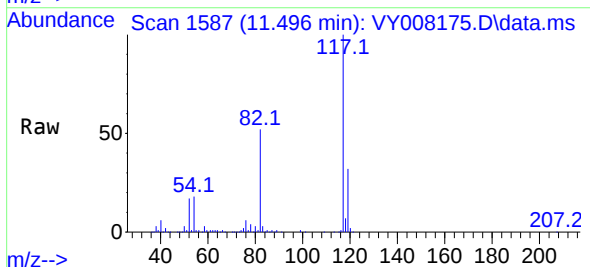
Instrument :
MSVOA_Y
ClientSampleId :

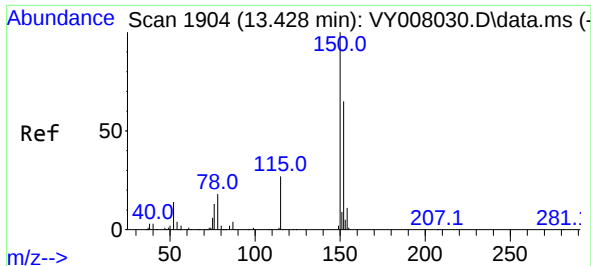
Tgt Ion: 95 Resp: 95805
Ion Ratio Lower Upper
95 100
174 81.2 0.0 177.0
176 78.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008175.D
Acq: 04 Apr 2022 12:52

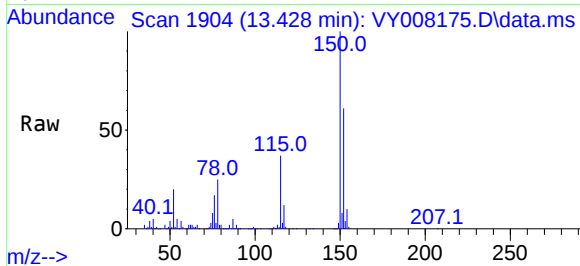
Tgt Ion: 117 Resp: 223078
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.6 25.4 38.0



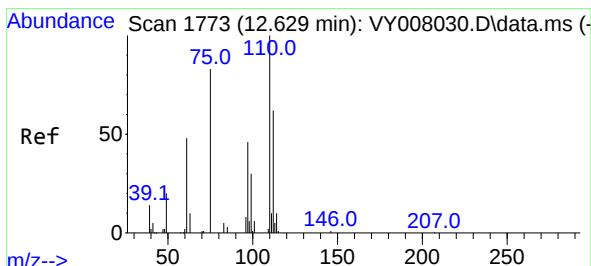
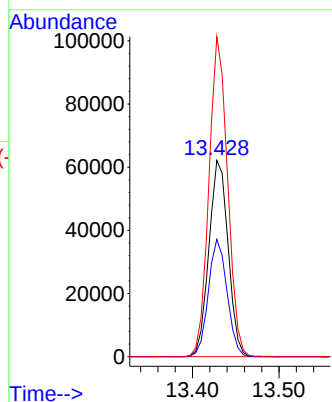
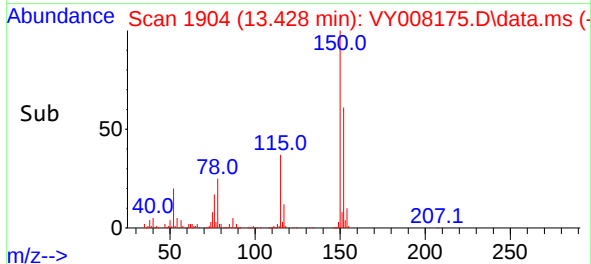


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008175.D
 Acq: 04 Apr 2022 12:52

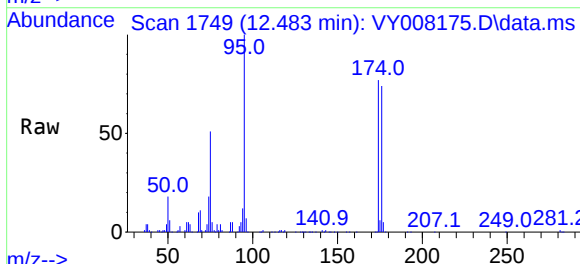
Instrument :
 MSVOA_Y
 ClientSampleId :



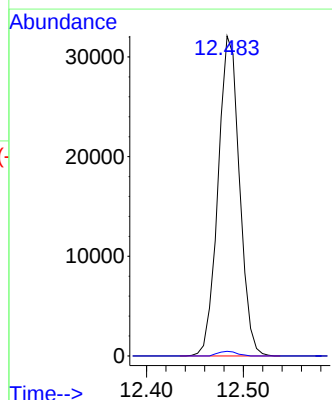
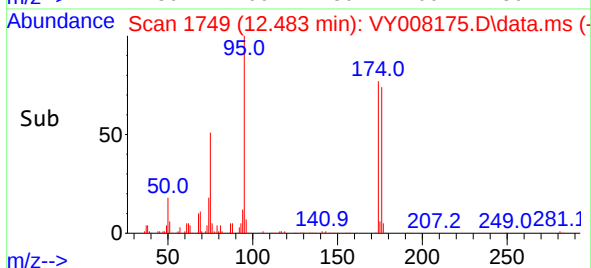
Tgt Ion:152 Resp: 95954
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 157.8 0.0 347.6

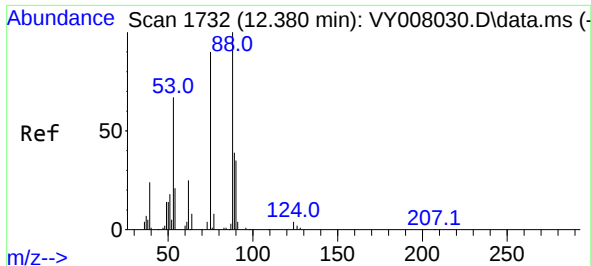


#76
 1,2,3-Trichloropropane
 Concen: 42.175 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008175.D
 Acq: 04 Apr 2022 12:52



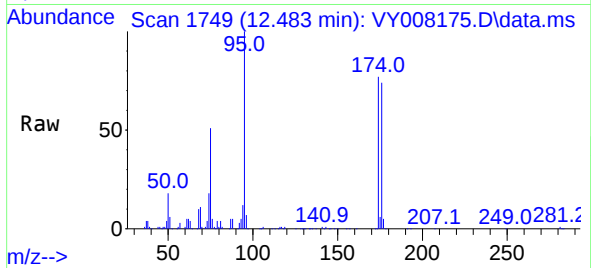
Tgt Ion: 75 Resp: 49332
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.100 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008175.D
 Acq: 04 Apr 2022 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49332
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

