

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010892.D
 Acq On : 10 Oct 2022 15:56
 Operator : KP/MD
 Sample : N5046-13RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 09:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

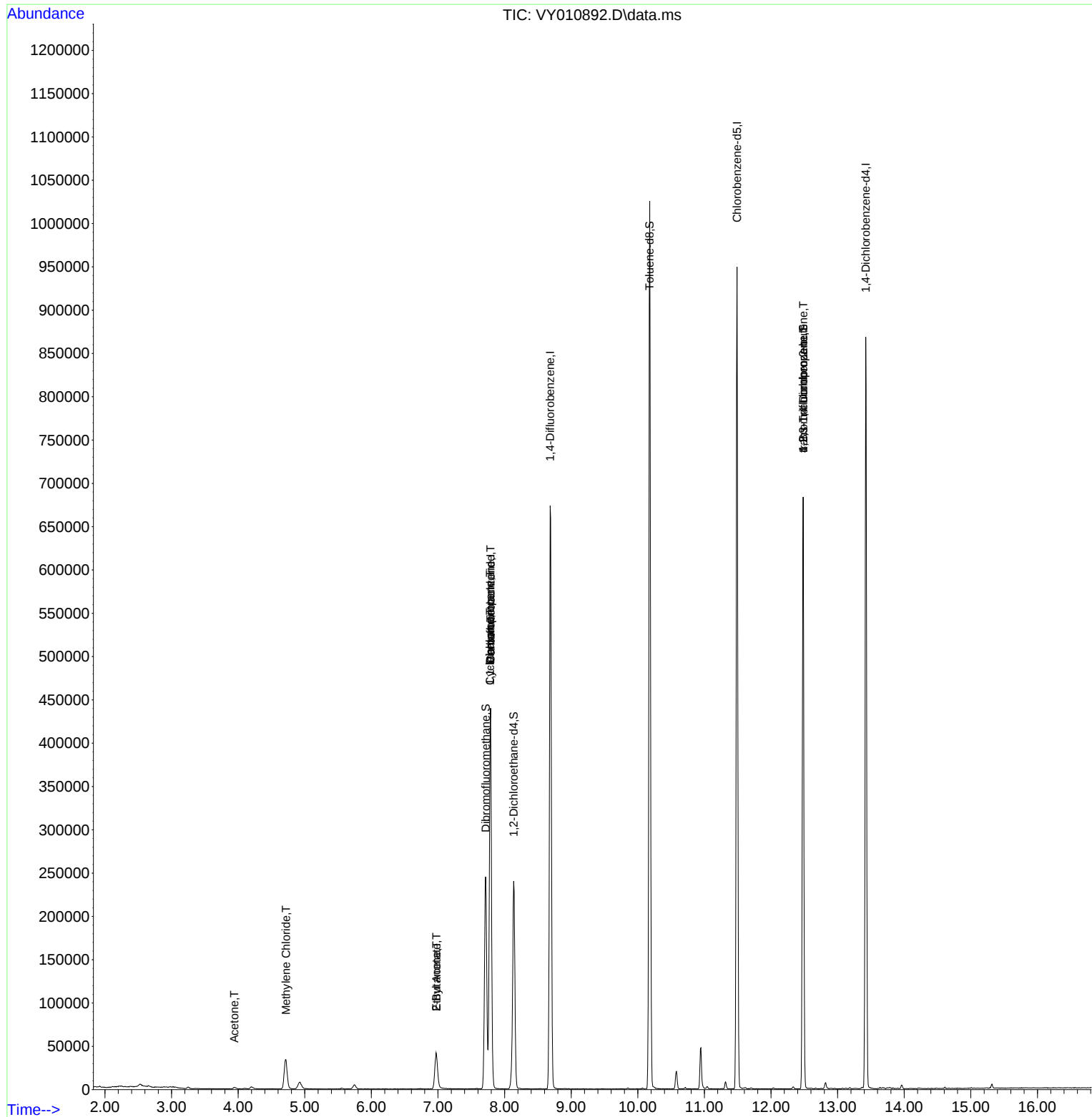
Internal Standards						
1) Pentafluorobenzene	7.789	168	336825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	588615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	511657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175632	51.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.880%	
35) Dibromofluoromethane	7.716	113	177181	45.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.700%	
50) Toluene-d8	10.179	98	667668	49.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.483	95	205616	38.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	7974	Below Cal	#	78
16) Acetone	3.942	43	3265	3.765	ug/l #	71
20) Methylene Chloride	4.716	84	27059	2.123	ug/l #	84
25) 2-Butanone	6.978	43	2930	2.350	ug/l #	86
31) Cyclohexane	7.783	56	6893	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	26533	4.704	ug/l #	50
37) Ethyl Acetate	6.978	43	2930	1.059	ug/l #	1
38) Carbon Tetrachloride	7.789	117	34014	5.790	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	103774	46.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	103774	96.500	ug/l #	7

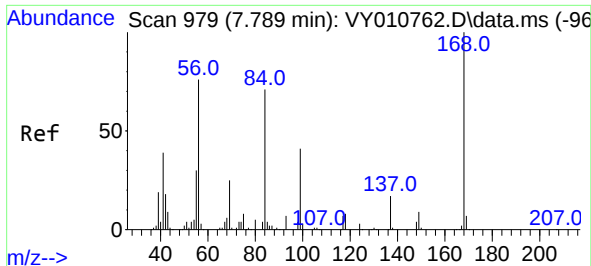
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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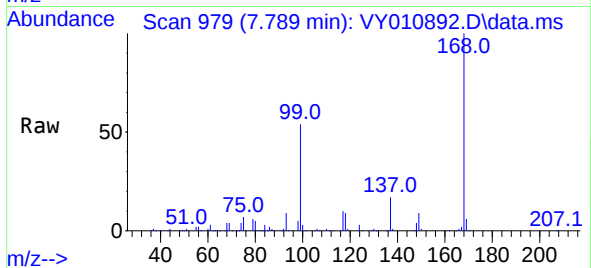
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
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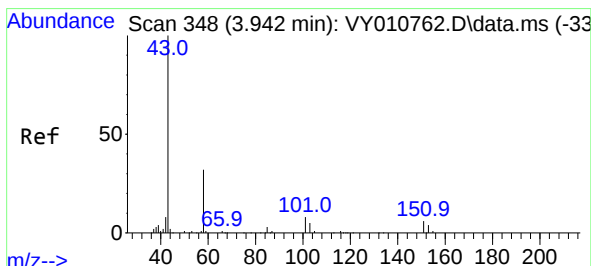
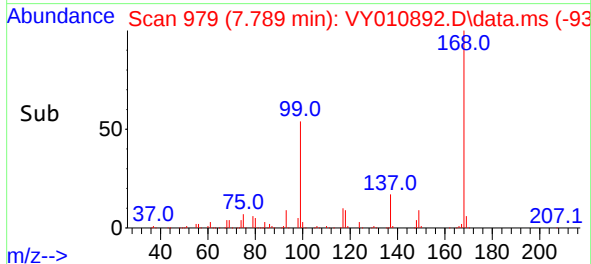
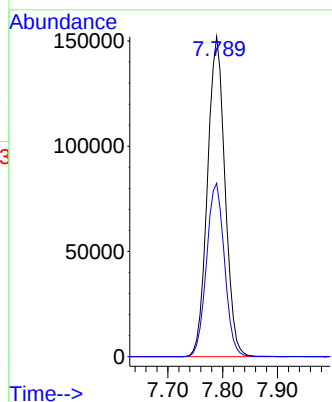


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :

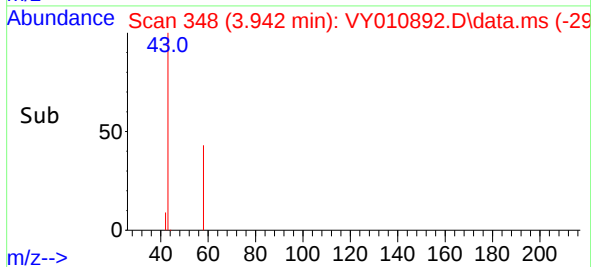
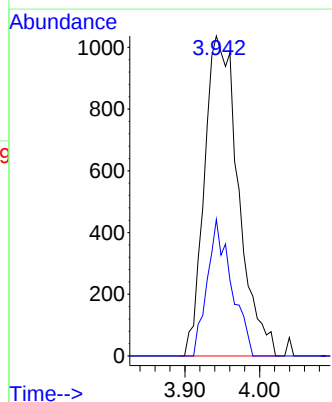
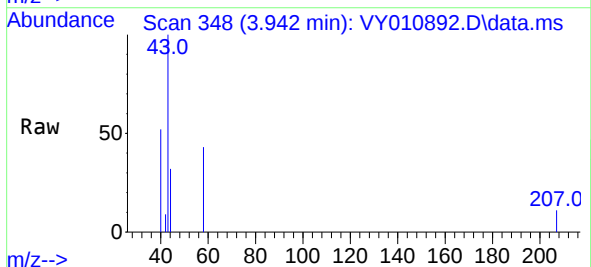


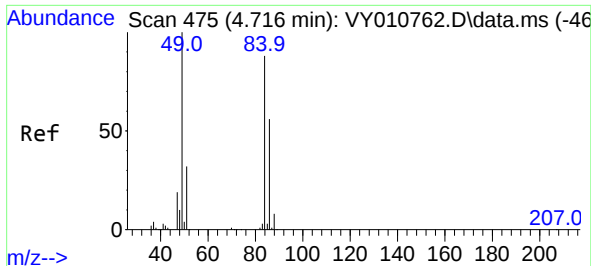
Tgt Ion:168 Resp: 336825
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 3.765 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

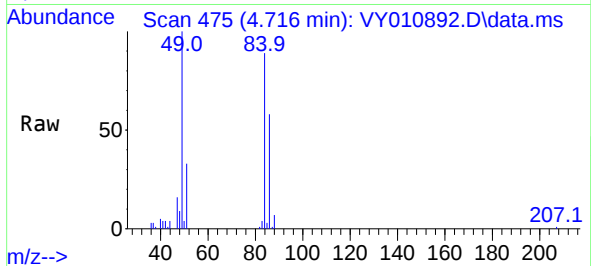
Tgt Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
58 42.7 22.0 33.0#





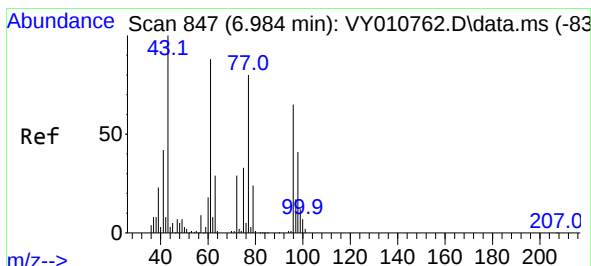
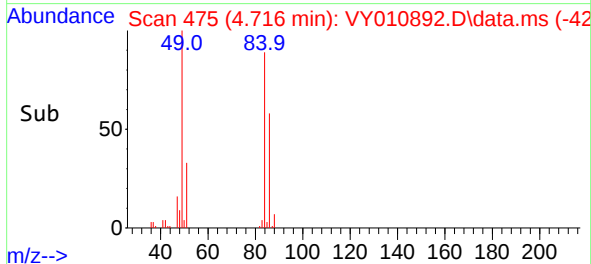
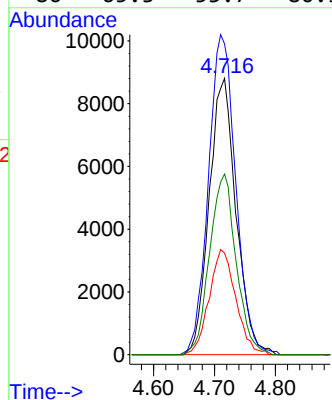
#20
Methylene Chloride
Concen: 2.123 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 27059

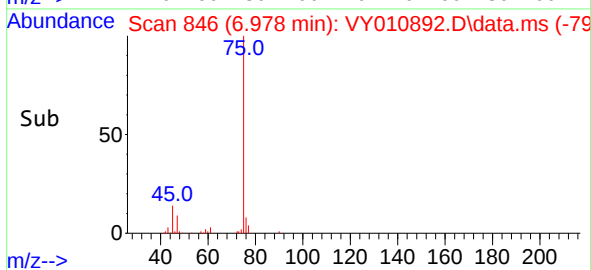
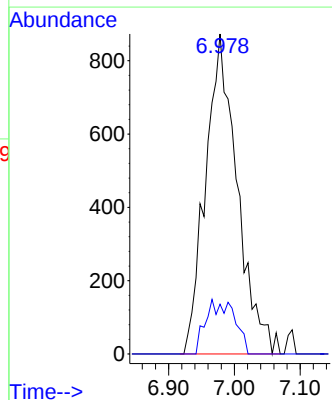
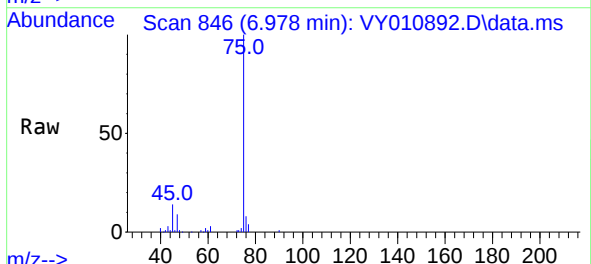
Ion	Ratio	Lower	Upper
84	100		
49	112.5	114.4	171.6#
51	36.8	35.3	52.9
86	65.3	53.7	80.5

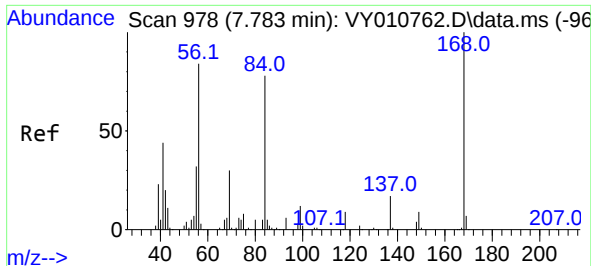


#25
2-Butanone
Concen: 2.350 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Tgt Ion: 43 Resp: 2930

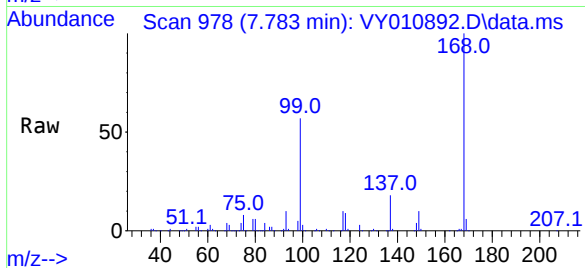
Ion	Ratio	Lower	Upper
43	100		
72	15.6	17.7	26.5#



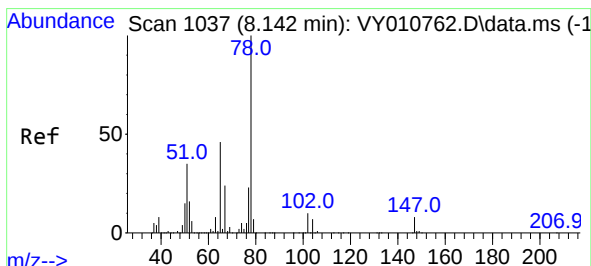
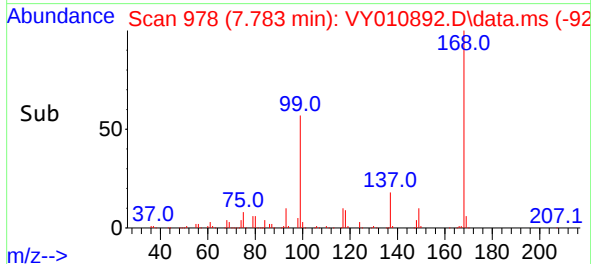
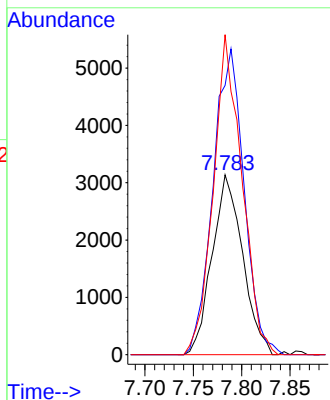


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :

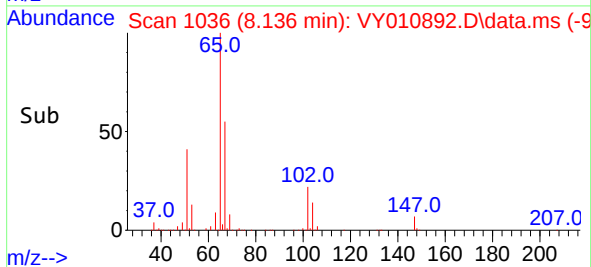
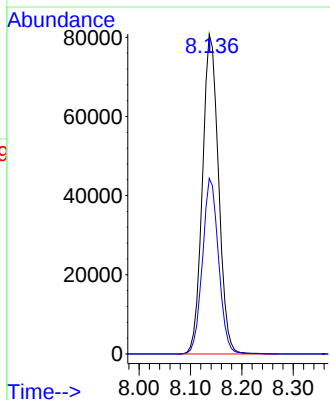
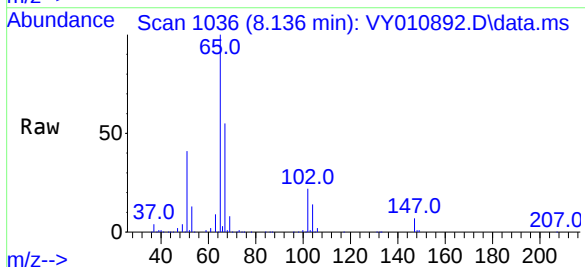


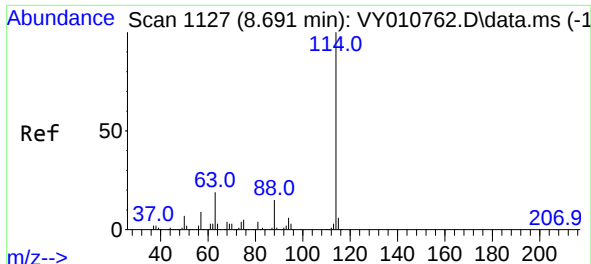
Tgt Ion: 56 Resp: 6893
Ion Ratio Lower Upper
56 100
69 149.6 26.7 40.1#
84 177.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.442 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Tgt Ion: 65 Resp: 175632
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010892.D

Acq: 10 Oct 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

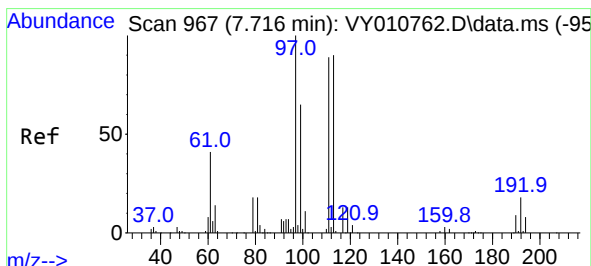
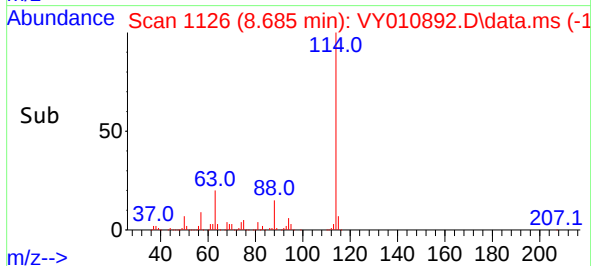
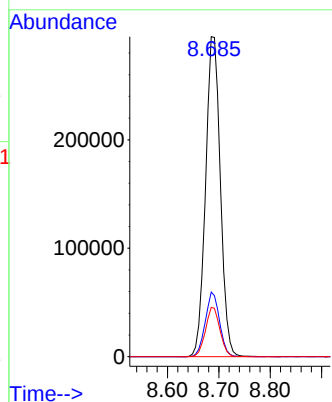
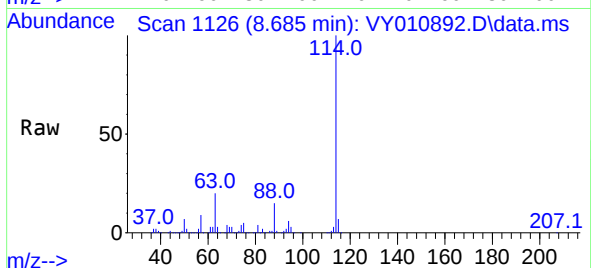
Tgt Ion:114 Resp: 588615

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.347 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010892.D

Acq: 10 Oct 2022 15:56

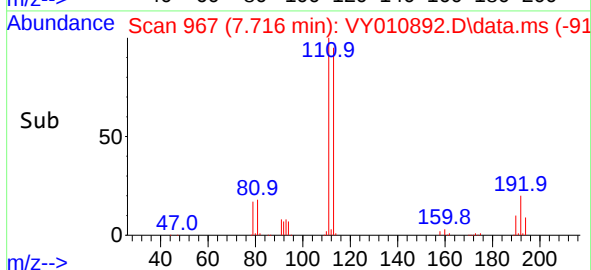
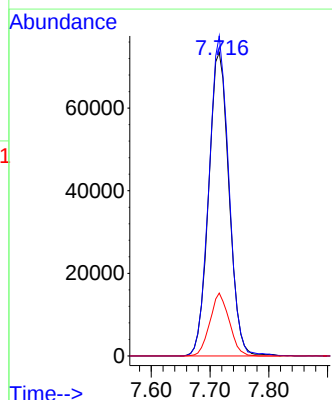
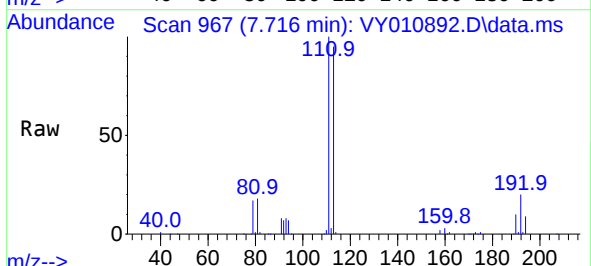
Tgt Ion:113 Resp: 177181

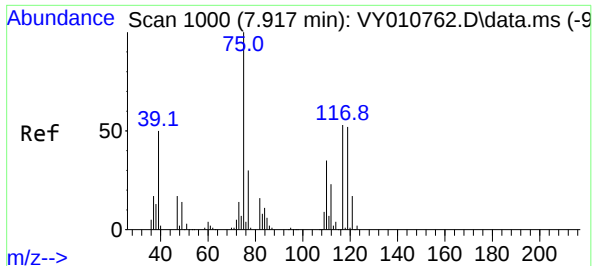
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010892.D

Acq: 10 Oct 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

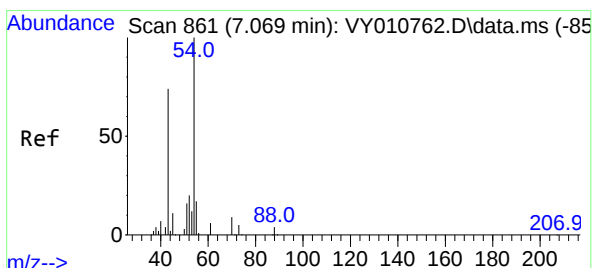
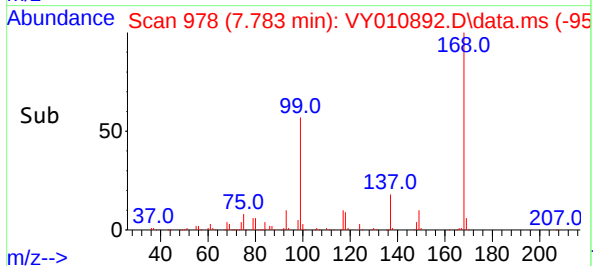
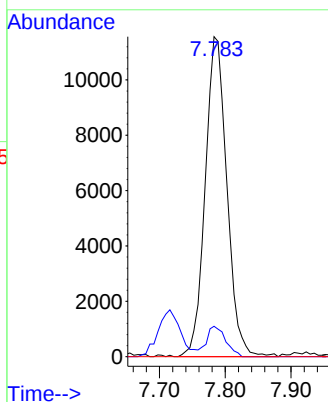
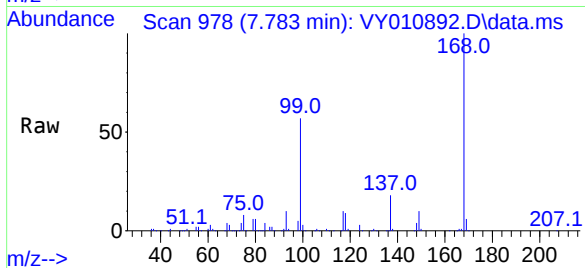
Tgt Ion: 75 Resp: 26533

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.059 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.091 min

Lab File: VY010892.D

Acq: 10 Oct 2022 15:56

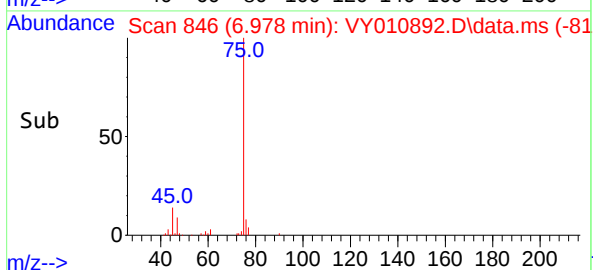
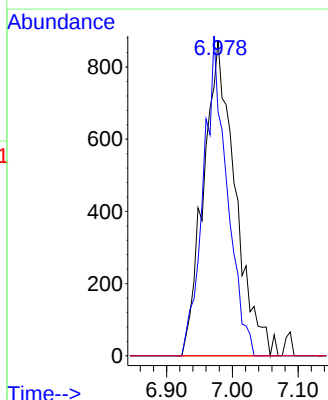
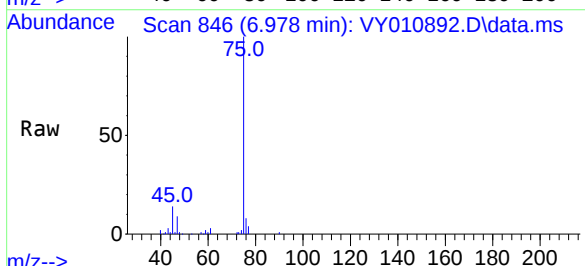
Tgt Ion: 43 Resp: 2930

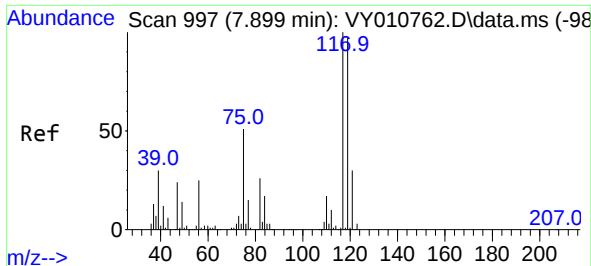
Ion Ratio Lower Upper

43 100

61 76.0 9.7 14.5#

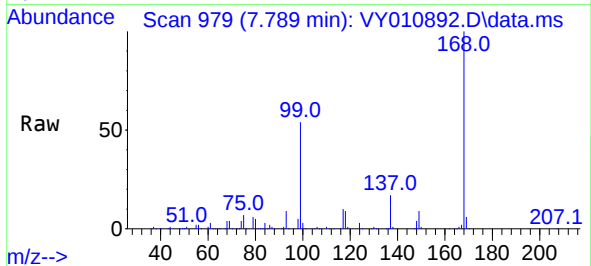
70 0.0 7.1 10.7#



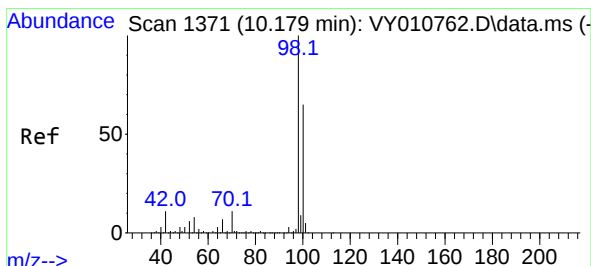
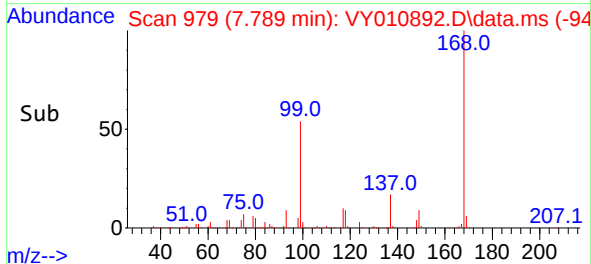
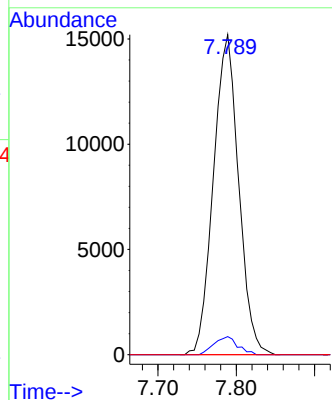


#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :

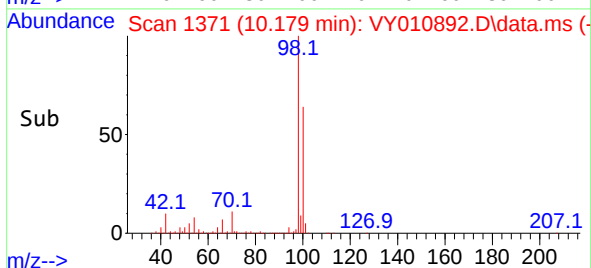
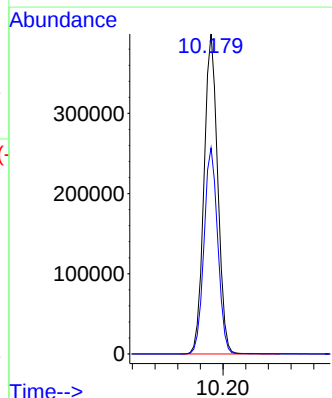
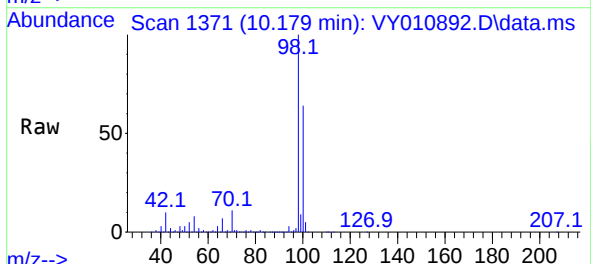


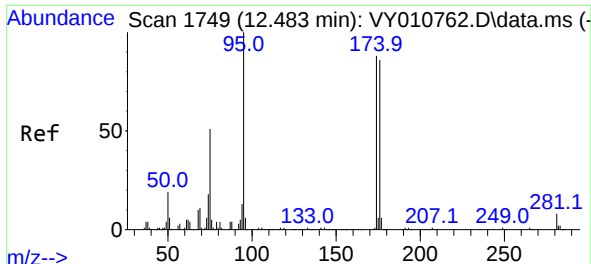
Tgt Ion:117 Resp: 34014
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.966 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Tgt Ion: 98 Resp: 667668
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

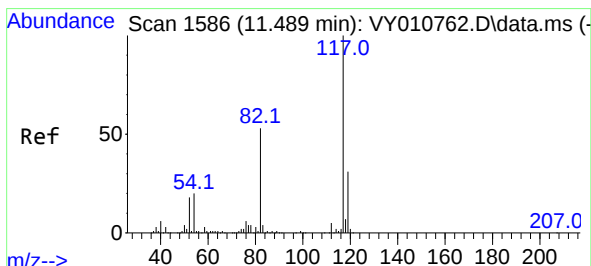
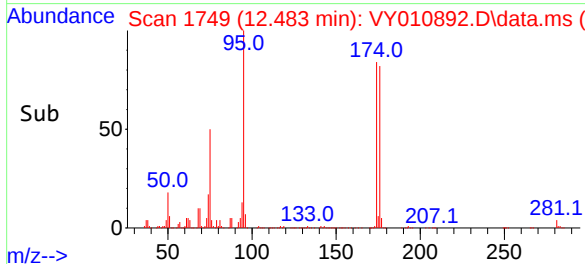
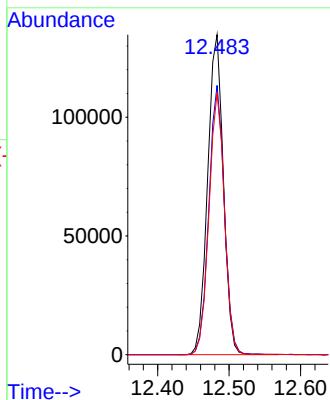
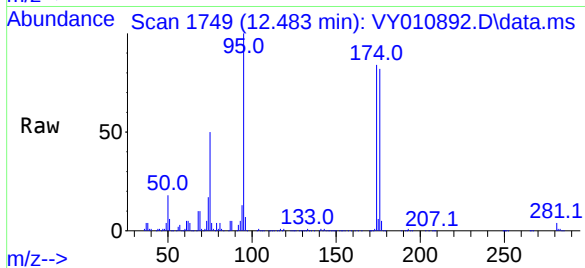




#62
4-Bromofluorobenzene
Concen: 38.543 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

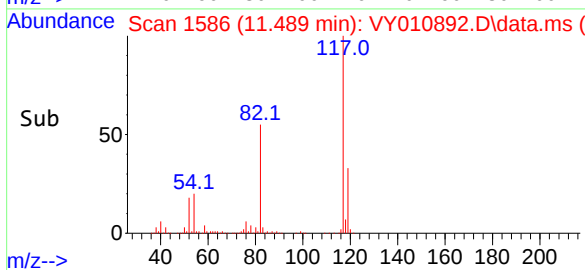
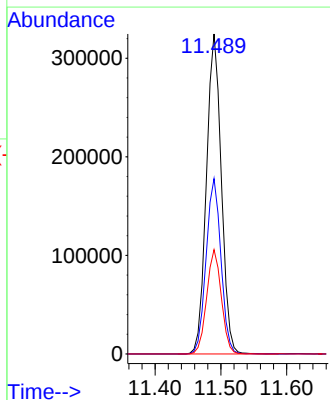
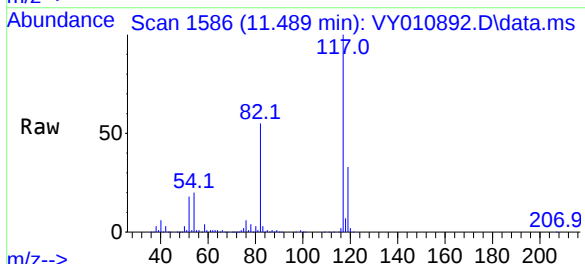
Instrument :
MSVOA_Y
ClientSampleId :

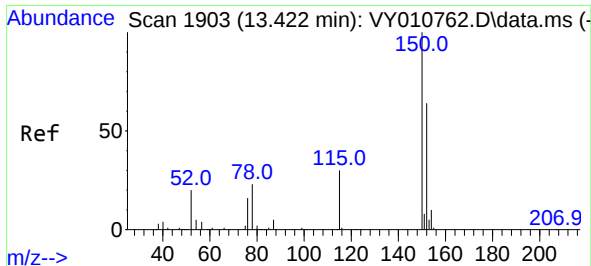
Tgt Ion: 95 Resp: 205616
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

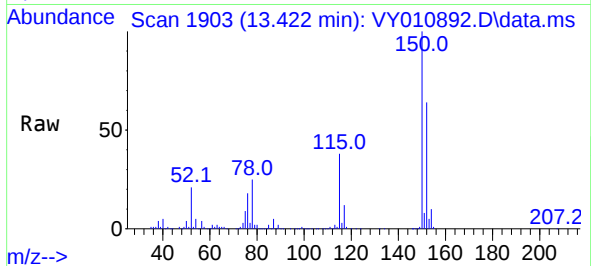
Tgt Ion: 117 Resp: 511657
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.6 25.4 38.0



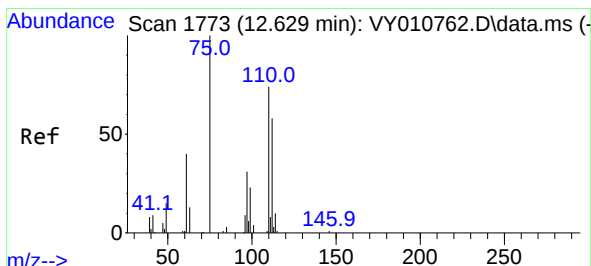
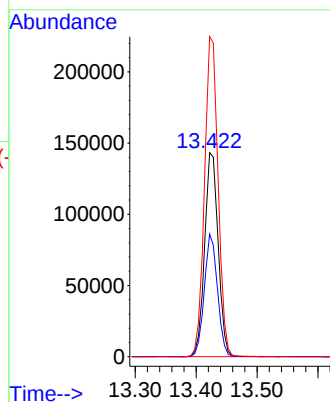
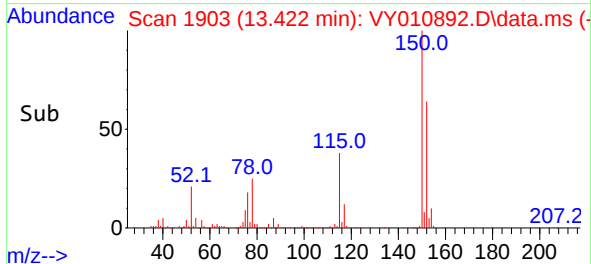


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

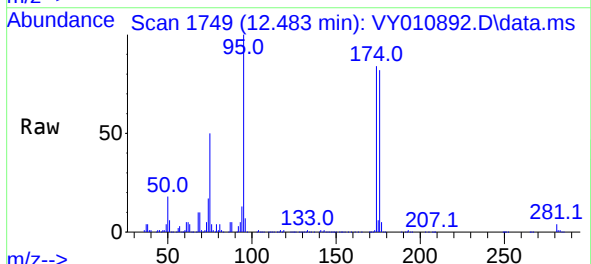
Instrument :
MSVOA_Y
ClientSampleId :



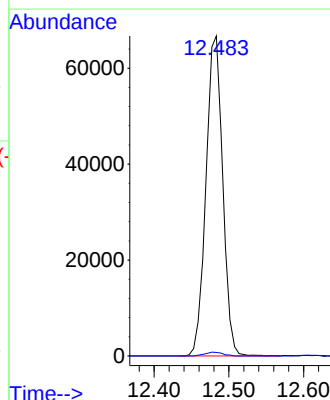
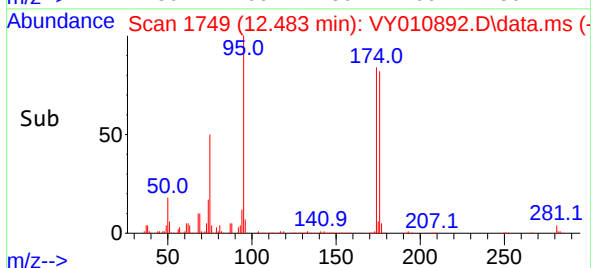
Tgt Ion:152 Resp: 221823
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.2 0.0 347.6

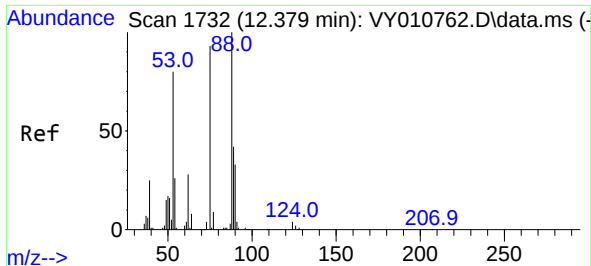


#76
1,2,3-Trichloropropane
Concen: 46.196 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56



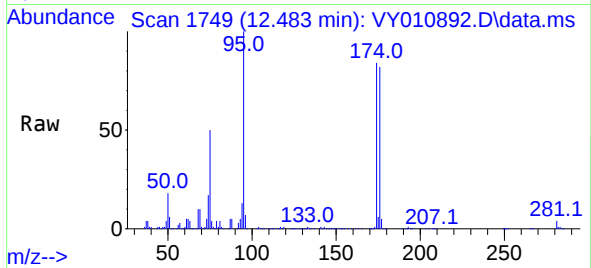
Tgt Ion: 75 Resp: 103774
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.500 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010892.D
Acq: 10 Oct 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 103774
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

