

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010465.D
 Acq On : 13 Sep 2022 17:42
 Operator : KP/MD
 Sample : N4509-06
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_PW001-20220902

Quant Time: Sep 14 05:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114824	53.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.580%
35) Dibromofluoromethane	7.710	113	109274	42.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.840%
50) Toluene-d8	10.173	98	423239	51.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.477	95	135148	40.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.200%

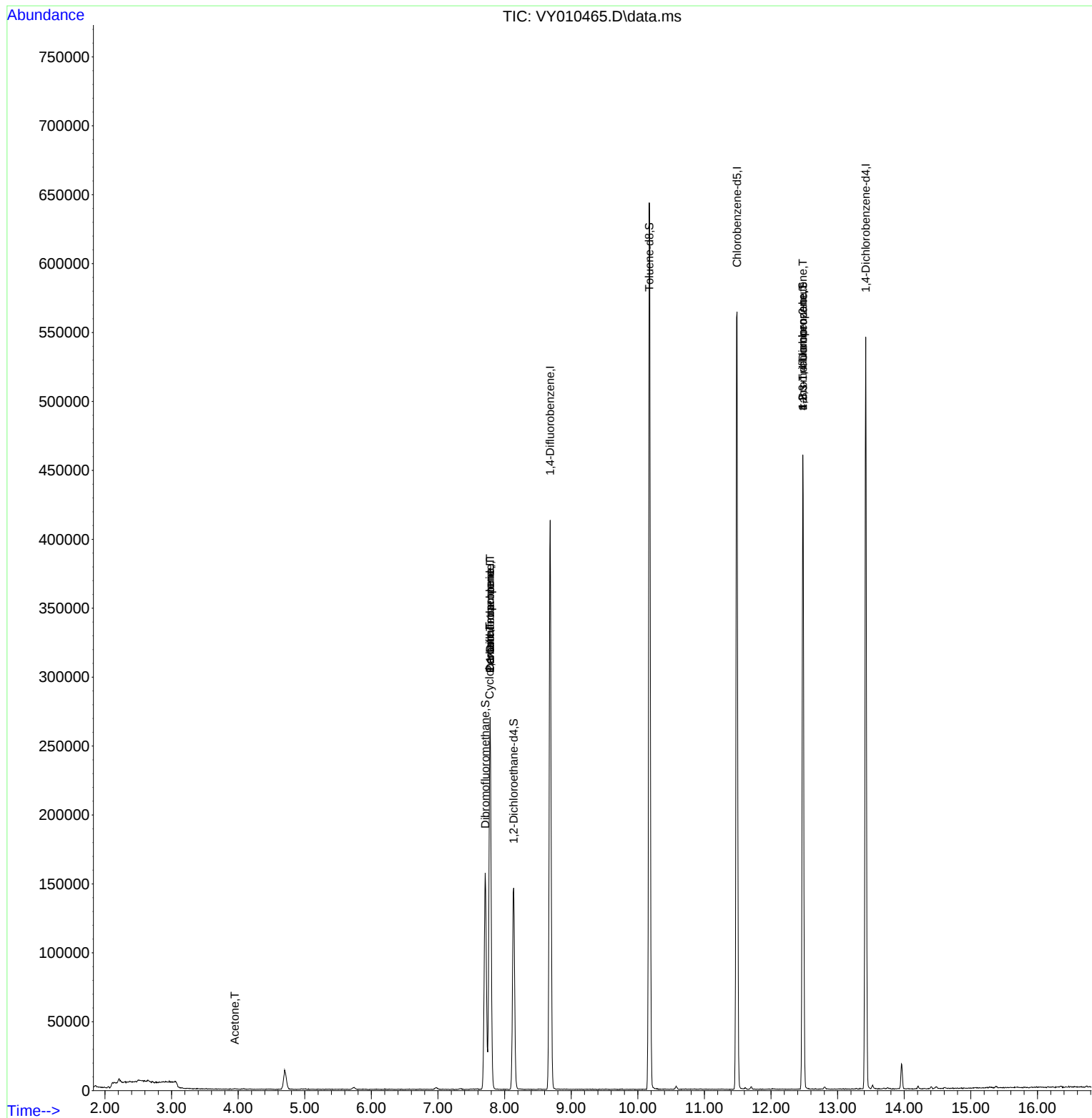
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	60	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	361	Below Cal	#	77
16) Acetone	3.948	43	736	1.502	ug/l #	47
20) Methylene Chloride	4.698	84	10134	Below Cal	#	82
31) Cyclohexane	7.777	56	4237	1.175	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	15644	4.488	ug/l #	51
38) Carbon Tetrachloride	7.783	117	20800	5.363	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69660	45.698	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69660	101.466	ug/l #	7

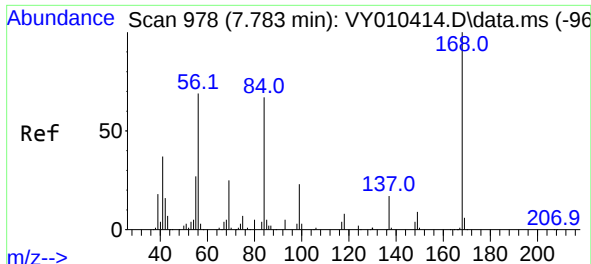
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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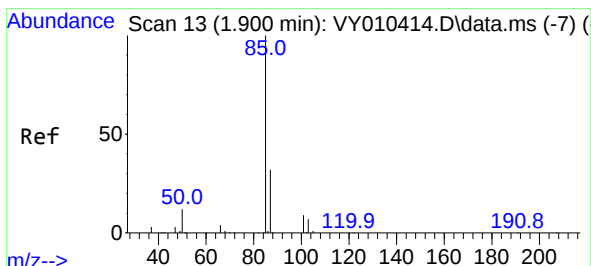
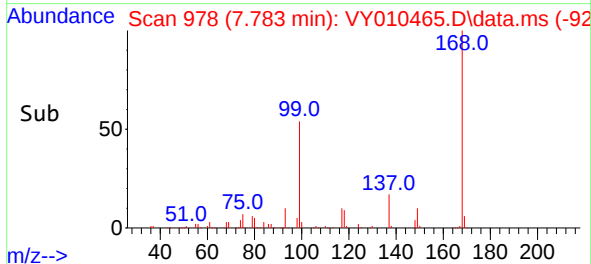
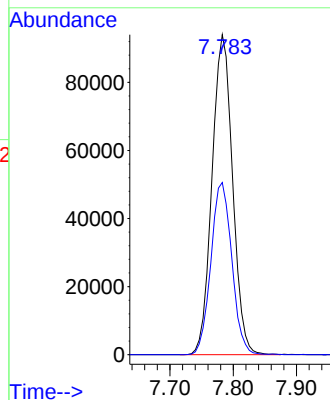
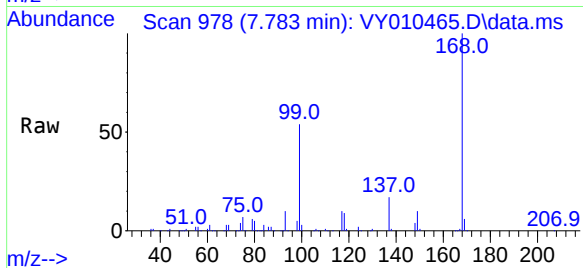




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

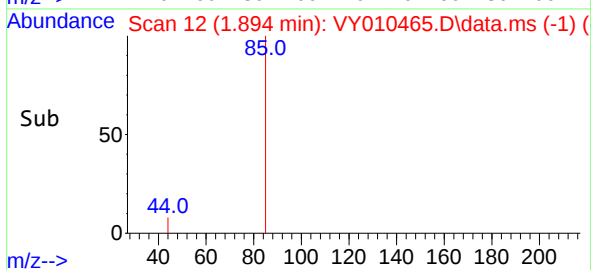
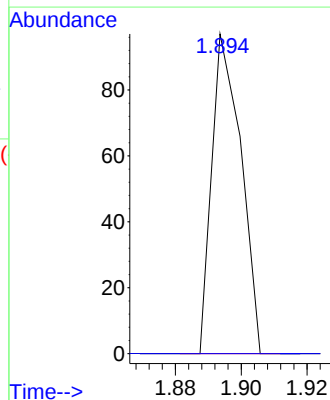
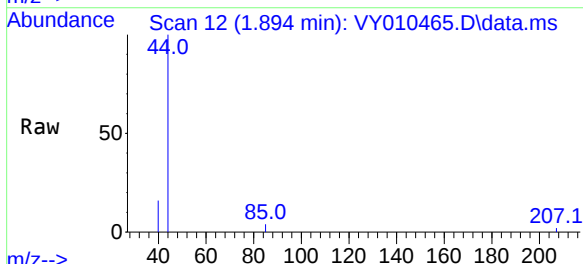
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

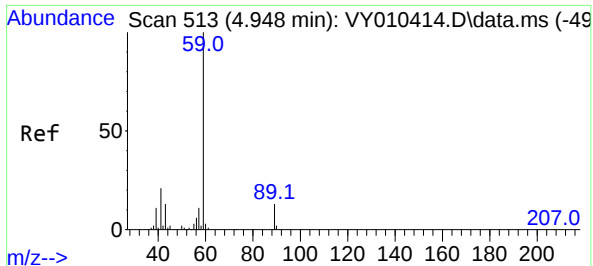
Tgt Ion:168 Resp: 211944
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

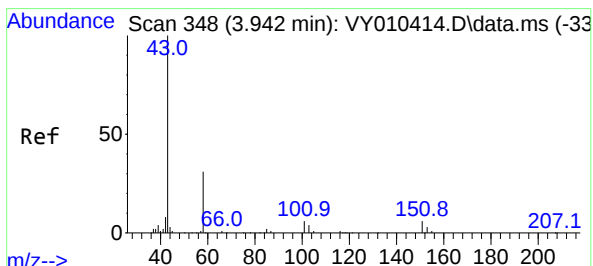
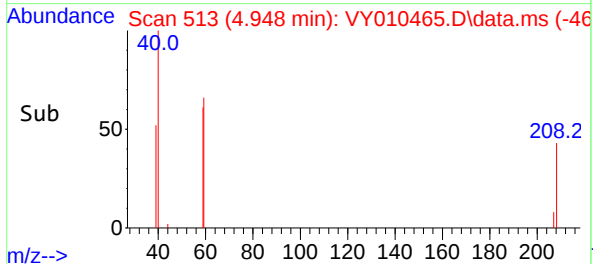
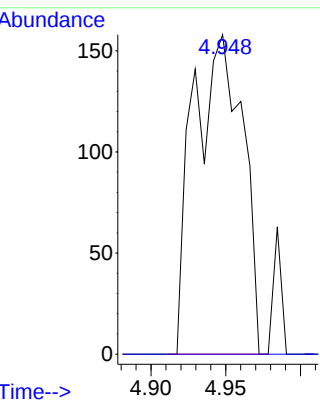
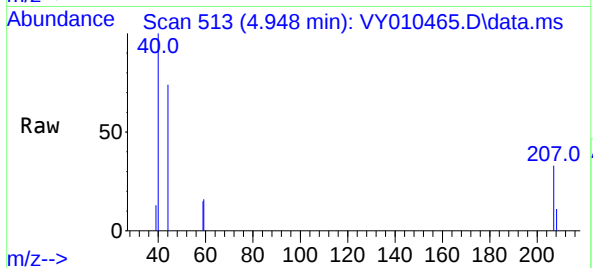




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

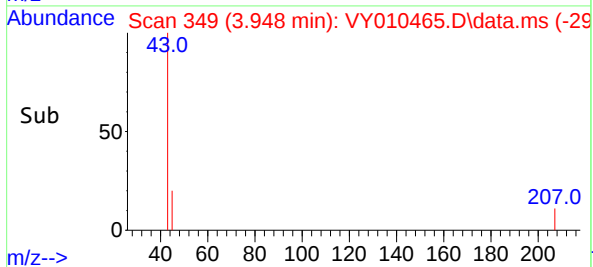
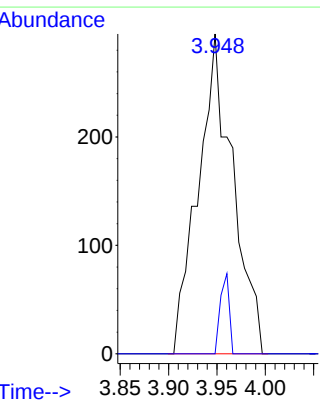
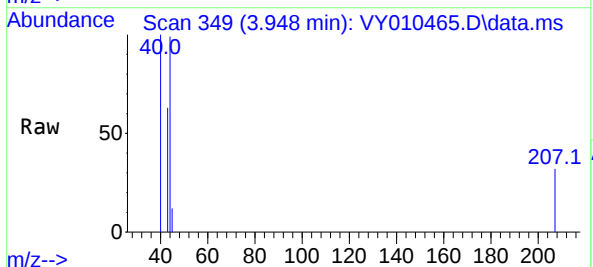
Instrument : MSVOA_Y
ClientSampleId : S1-SO_PW001-20220902

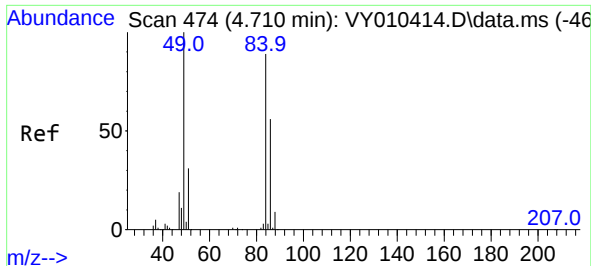
Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.502 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

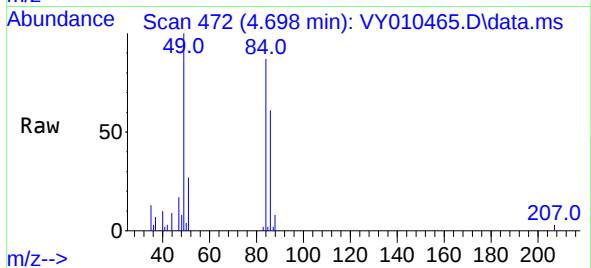
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





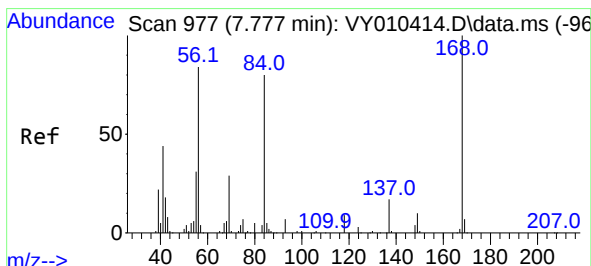
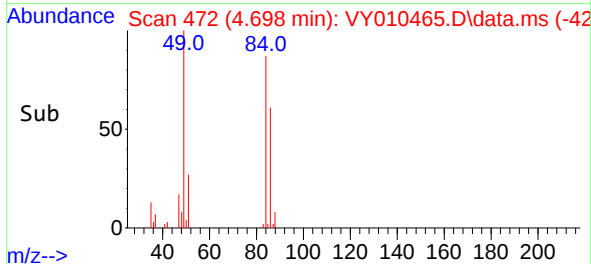
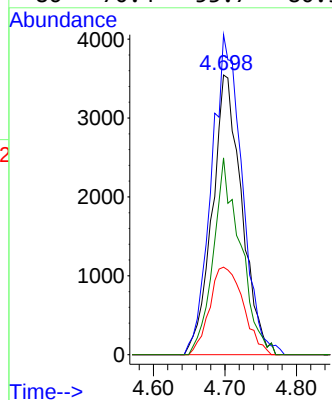
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902



Tgt Ion: 84 Resp: 10134

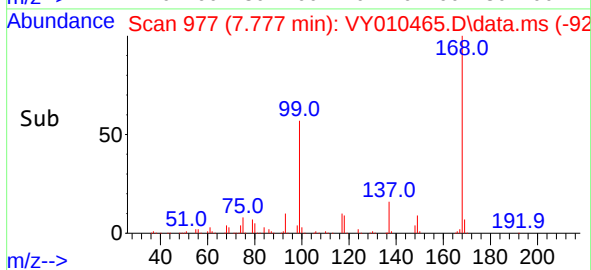
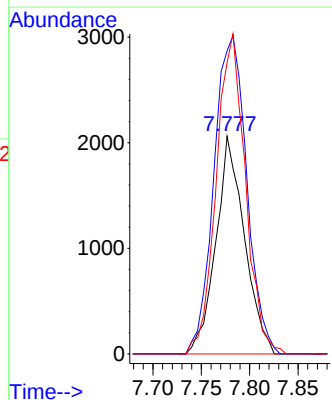
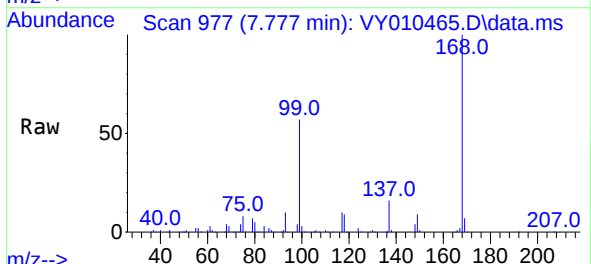
Ion	Ratio	Lower	Upper
84	100		
49	114.4	114.4	171.6
51	31.3	35.3	52.9#
86	70.4	53.7	80.5

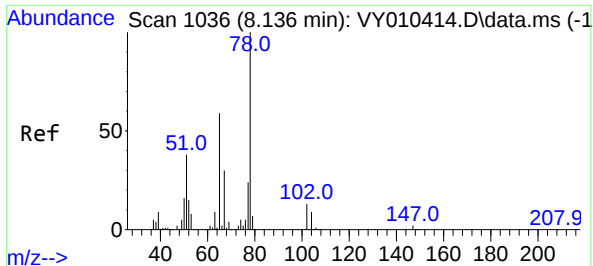


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 56 Resp: 4237

Ion	Ratio	Lower	Upper
56	100		
69	139.2	26.7	40.1#
84	133.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.791 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010465.D

Acq: 13 Sep 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

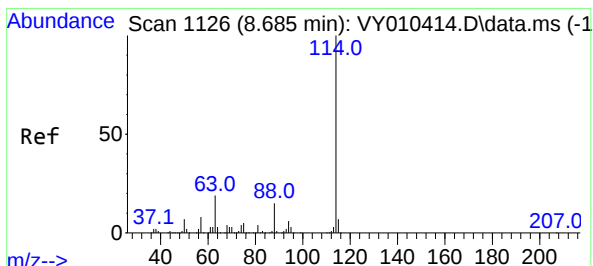
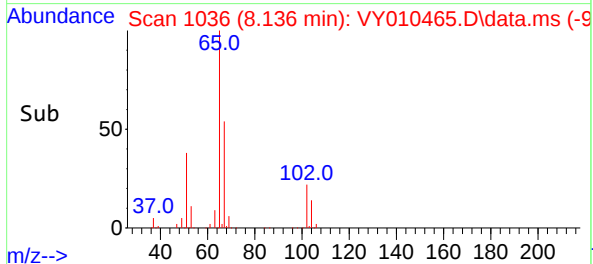
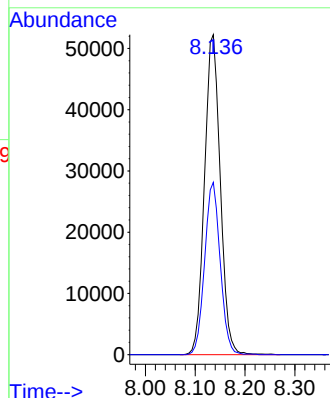
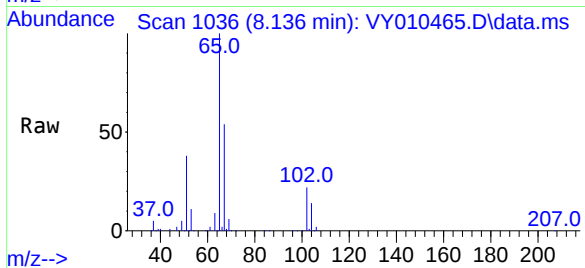
S1-SO_PW001-20220902

Tgt Ion: 65 Resp: 114824

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010465.D

Acq: 13 Sep 2022 17:42

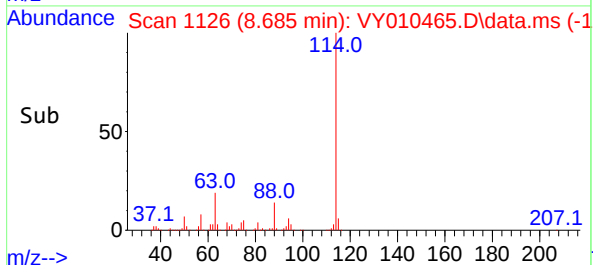
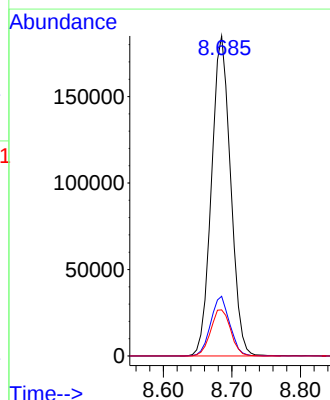
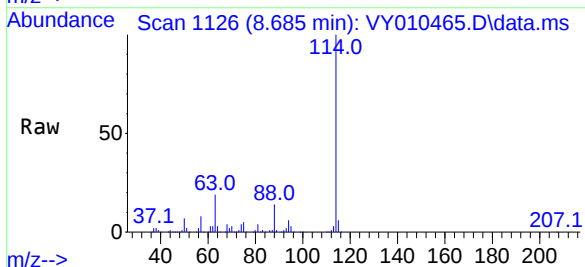
Tgt Ion: 114 Resp: 358520

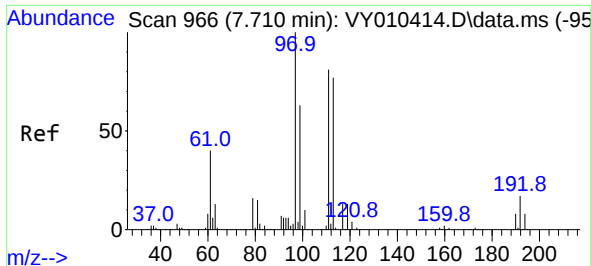
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

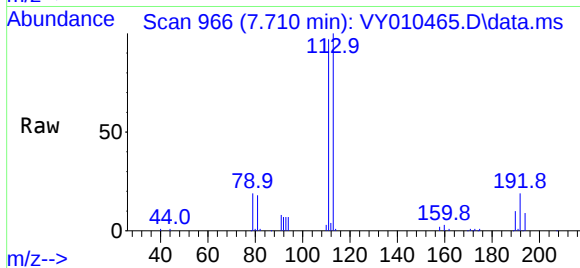
88 14.4 0.0 31.8



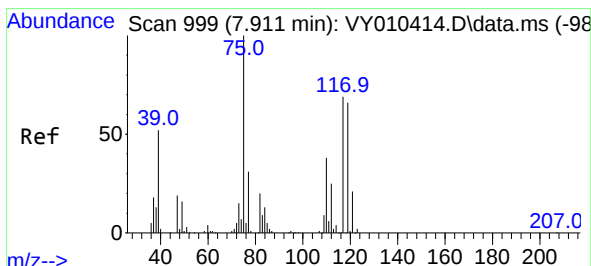
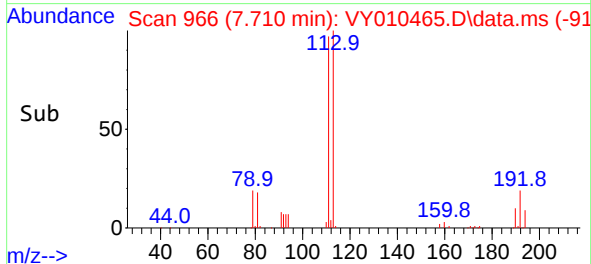
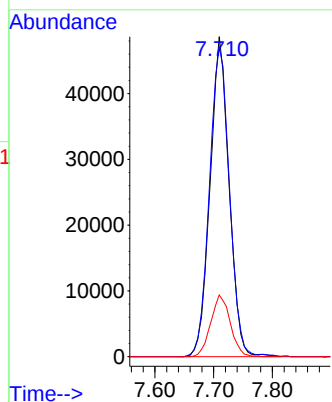


#35
Dibromofluoromethane
Concen: 42.916 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

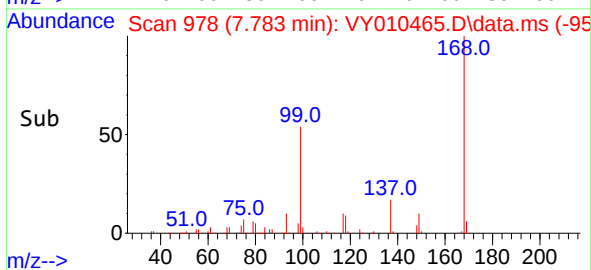
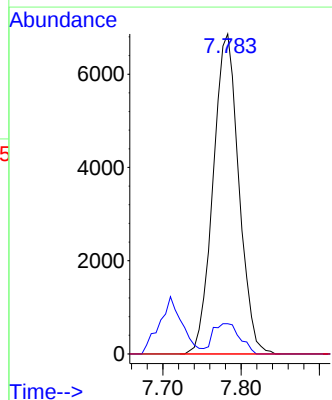
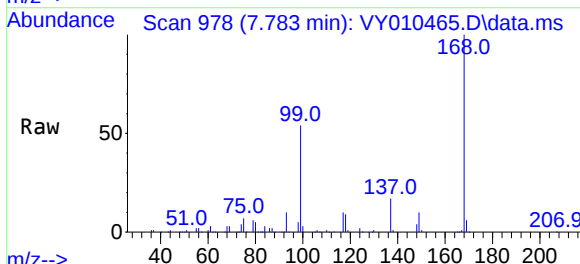


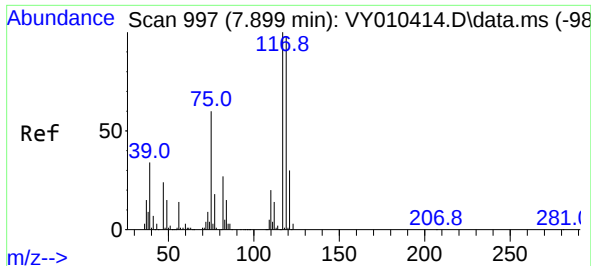
Tgt Ion:113 Resp: 109274
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 75 Resp: 15644
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

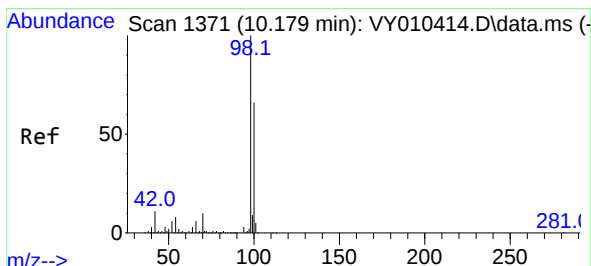
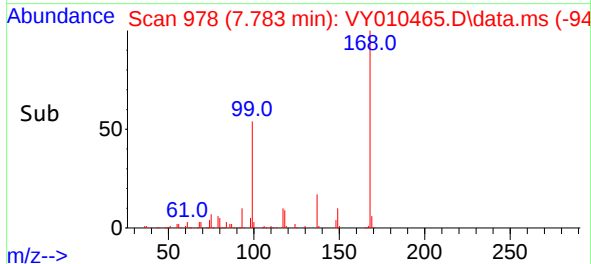
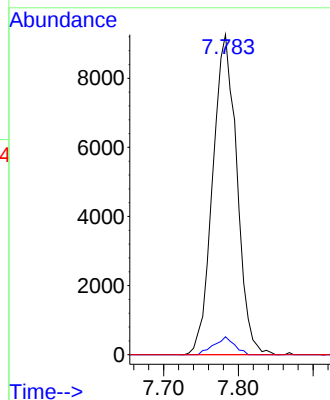
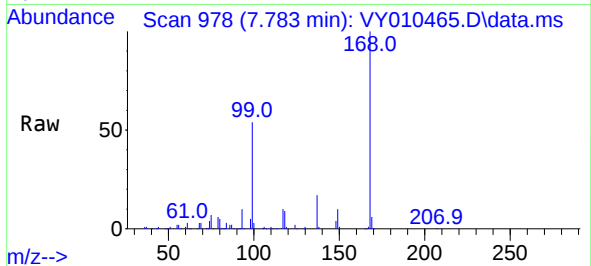




#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

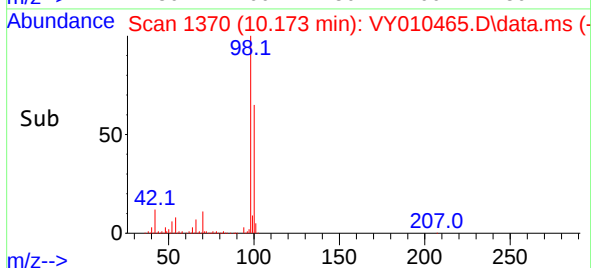
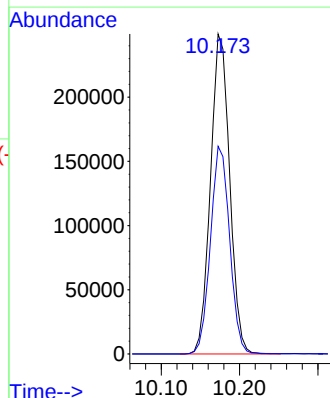
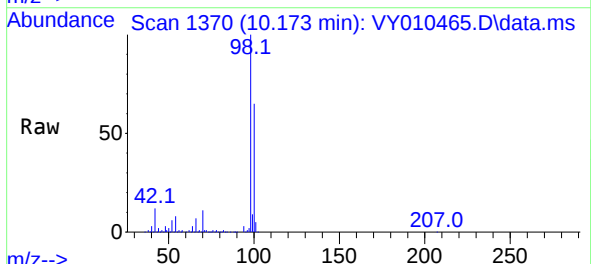
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ClientSampleId :
S1-SO_PW001-20220902

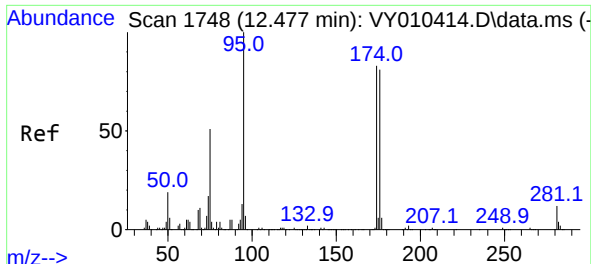
Tgt Ion:117 Resp: 20800
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.288 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 98 Resp: 423239
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

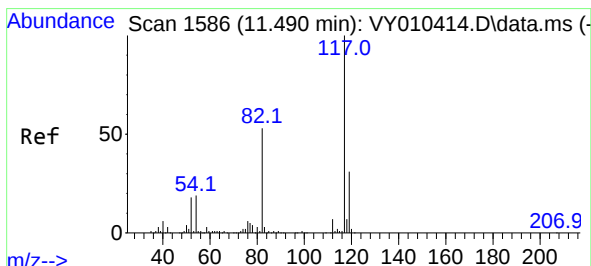
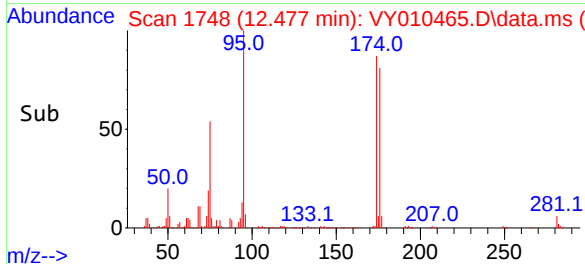
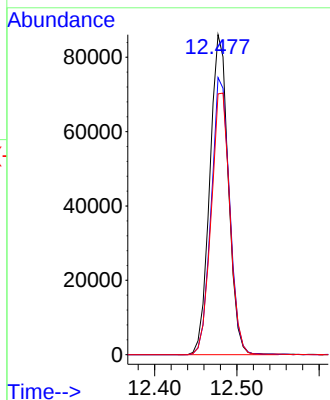
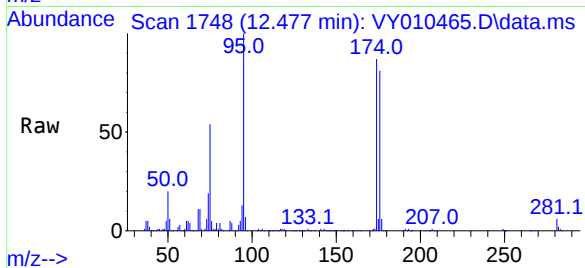




#62
4-Bromofluorobenzene
Concen: 40.098 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

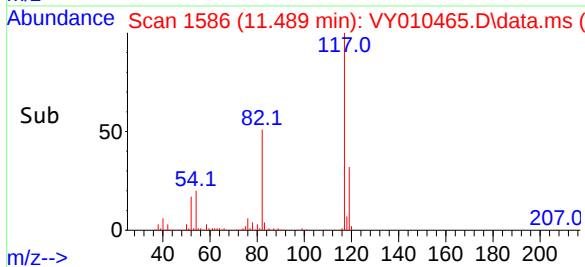
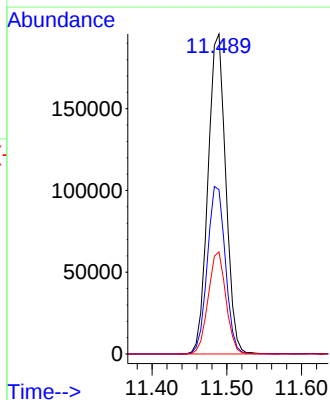
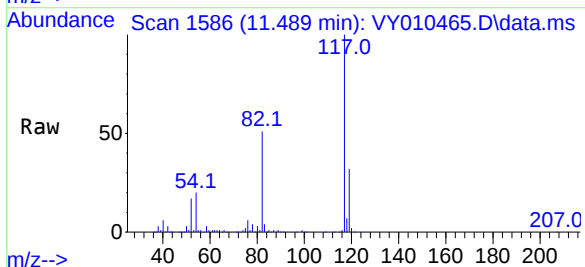
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

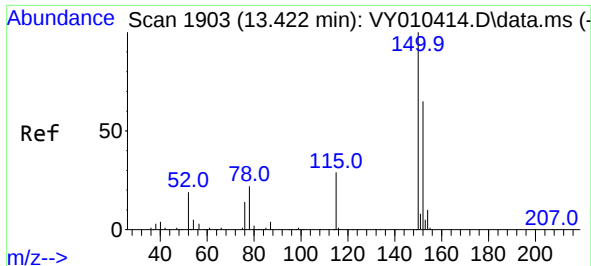
Tgt Ion: 95 Resp: 135148
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 117 Resp: 323073
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.9 25.4 38.0

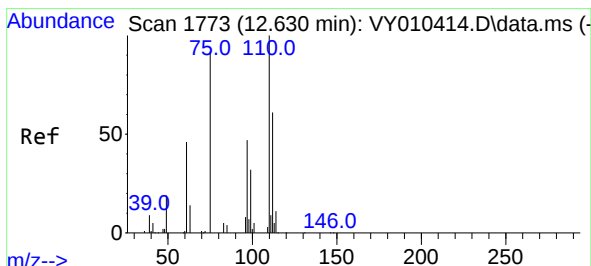
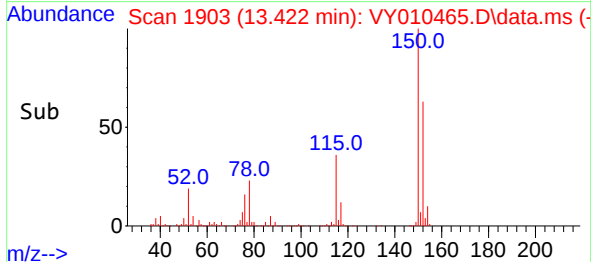
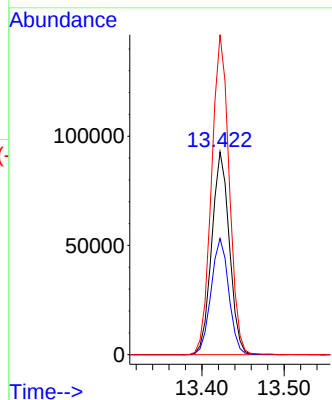
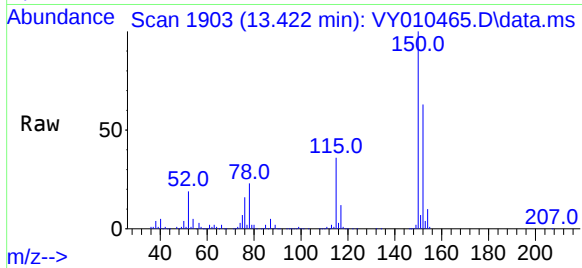




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

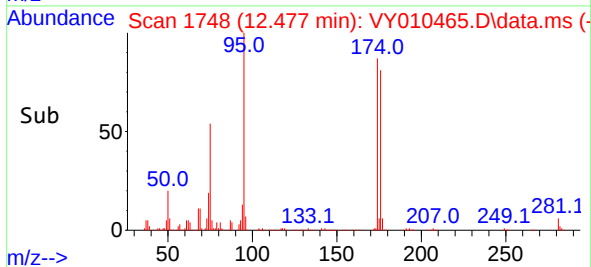
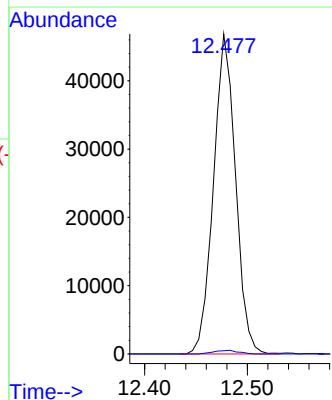
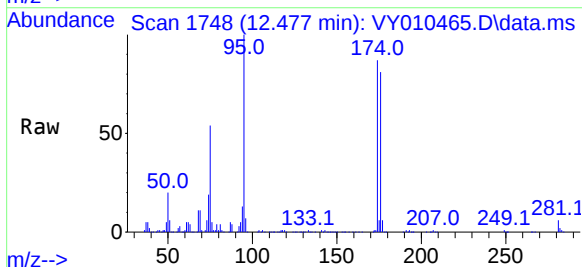
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

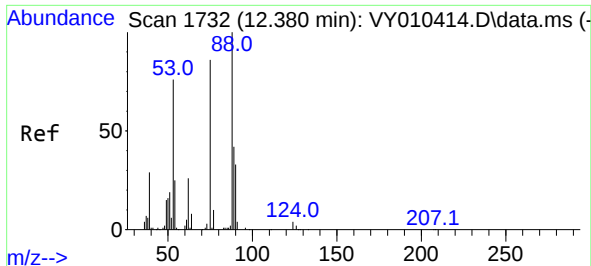
Tgt Ion:152 Resp: 138117
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.698 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

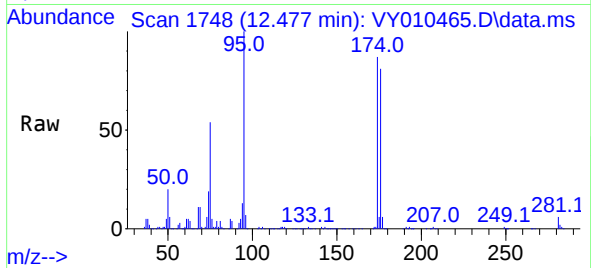
Tgt Ion: 75 Resp: 69660
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.466 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010465.D
 Acq: 13 Sep 2022 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_PW001-20220902



Tgt Ion: 75 Resp: 69660
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

