

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010380.D
 Acq On : 07 Sep 2022 18:26
 Operator : KP/MD
 Sample : N4509-03
 Misc : 5..02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_114D-20220902

Quant Time: Sep 08 04:14:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118013	51.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.440%
35) Dibromofluoromethane	7.716	113	114093	45.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.179	98	443291	53.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.483	95	151077	44.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.300%

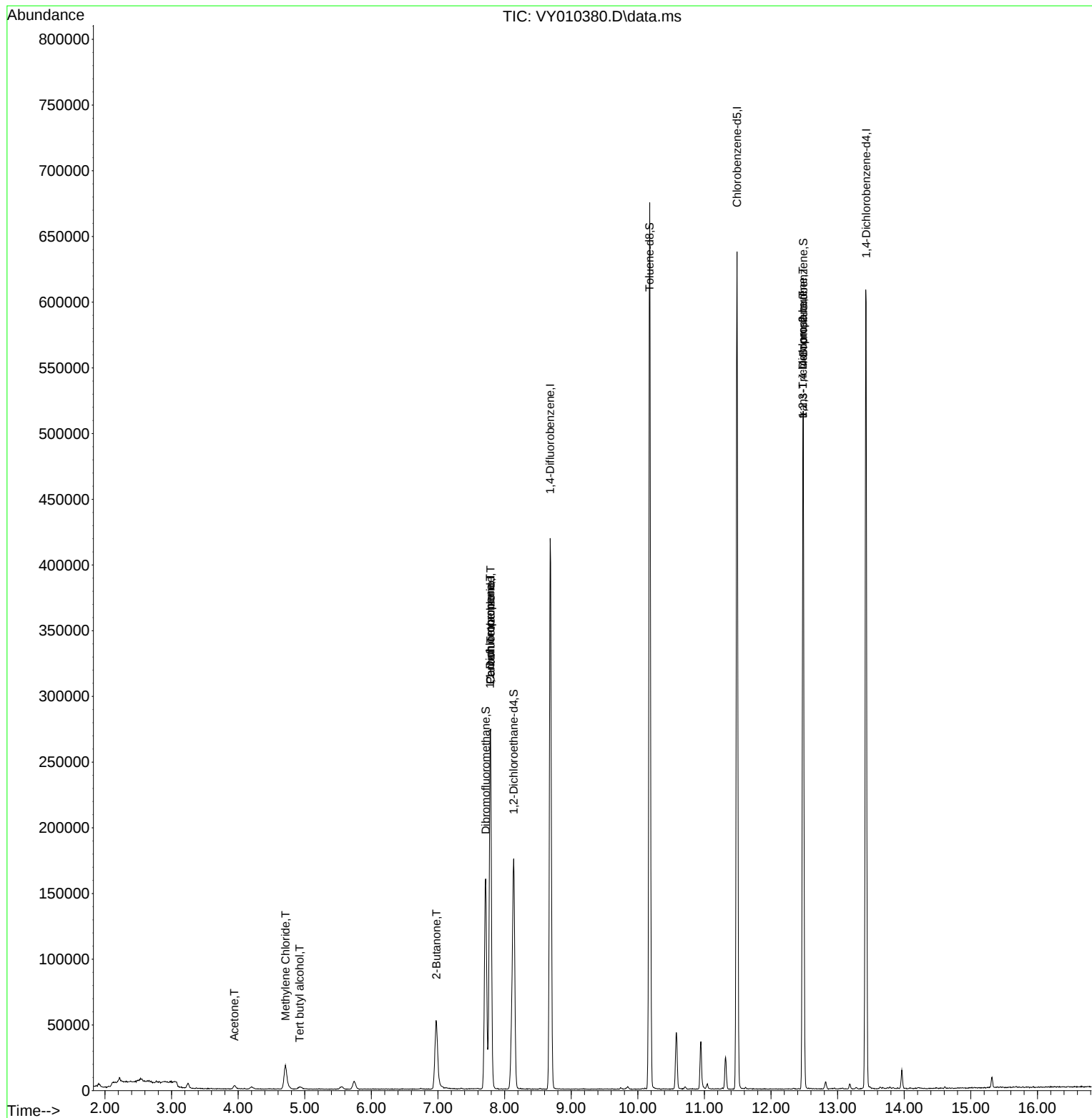
Target Compounds					Qvalue	
5) Bromomethane	2.668	94	385	Below Cal	#	39
11) Tert butyl alcohol	4.924	59	1616	5.919	ug/l #	77
16) Acetone	3.942	43	5116	8.968	ug/l	96
20) Methylene Chloride	4.710	84	13220	4.802	ug/l	87
25) 2-Butanone	6.978	43	2895	3.092	ug/l #	89
36) 1,1-Dichloropropene	7.783	75	16234	4.451	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21144	5.625	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	77170	39.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77170	82.558	ug/l #	7

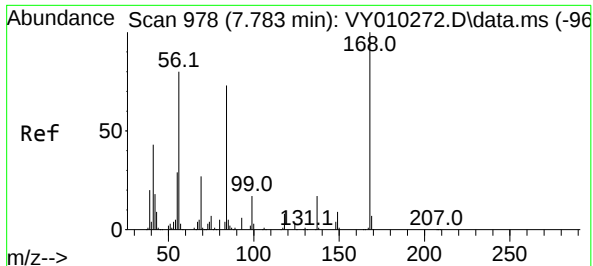
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
Data File : VY010380.D
Acq On : 07 Sep 2022 18:26
Operator : KP/MD
Sample : N4509-03
Misc : 5..02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

Quant Time: Sep 08 04:14:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 16:41:46 2022
Response via : Initial Calibration

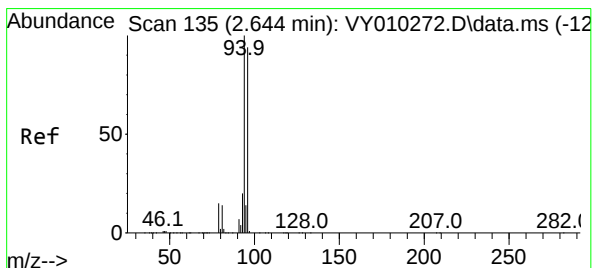
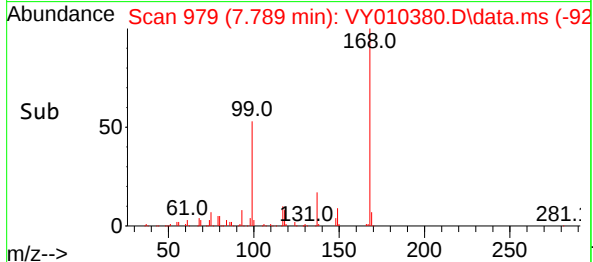
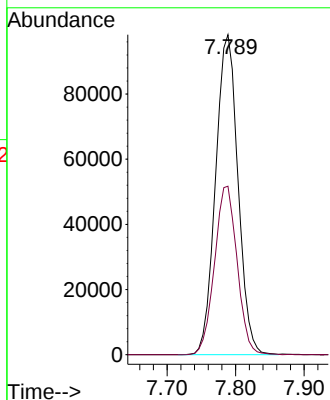
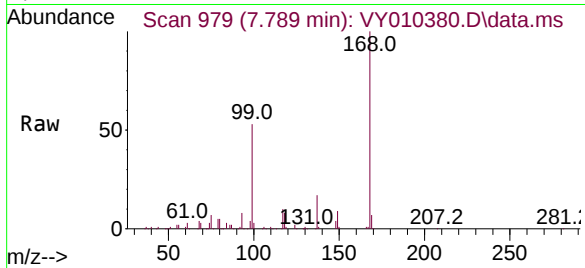




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

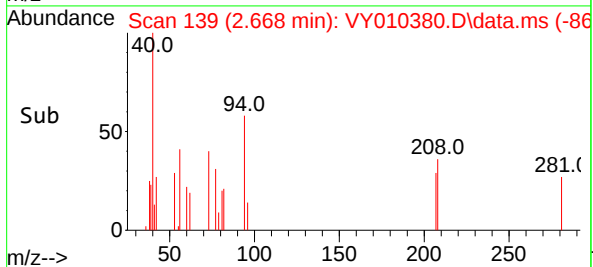
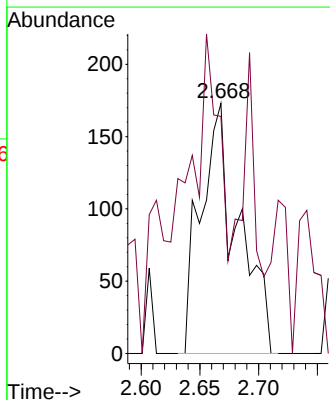
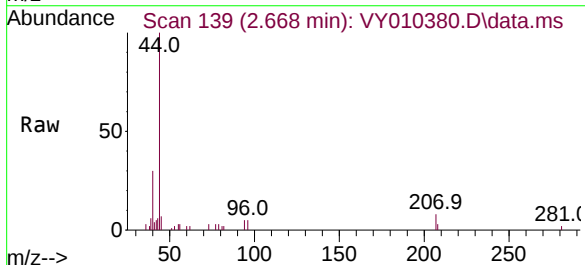
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

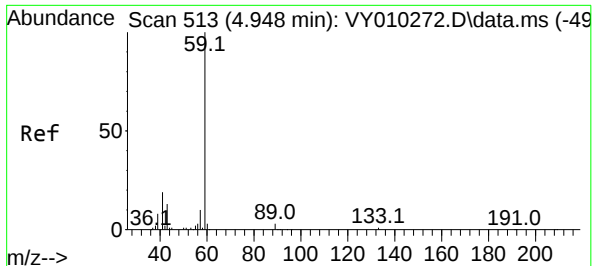
Tgt Ion:168 Resp: 222548
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.024 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 33.5 73.5 110.3#

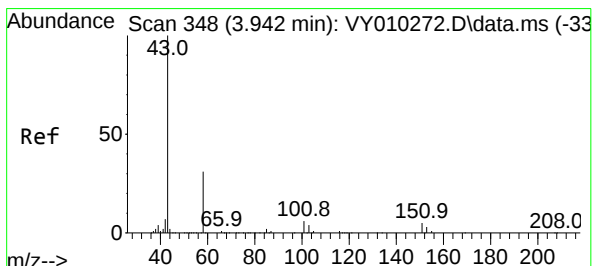
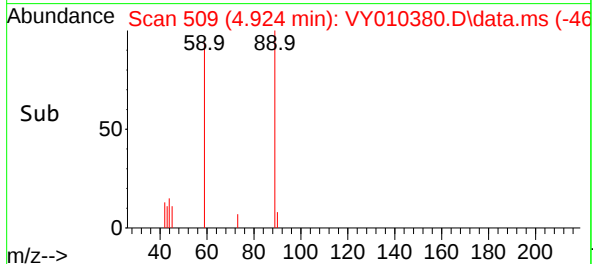
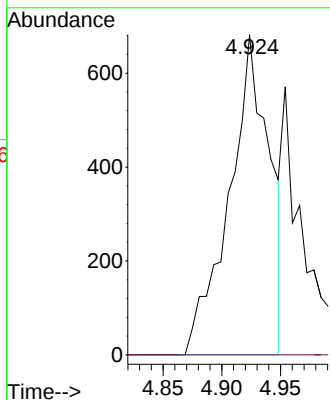
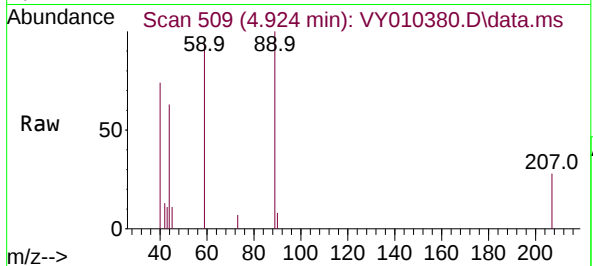




#11
Tert butyl alcohol
Concen: 5.919 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

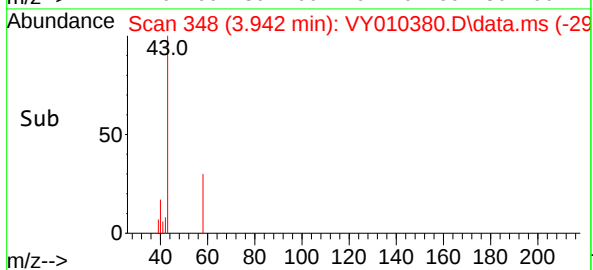
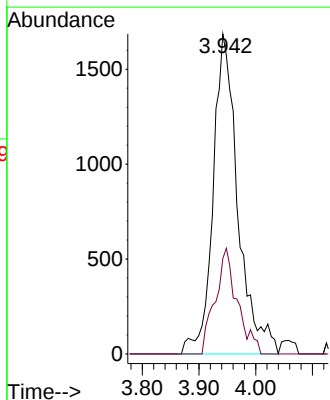
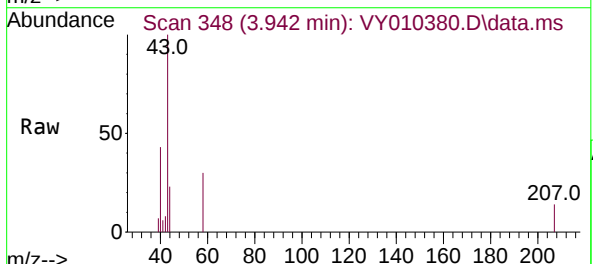
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

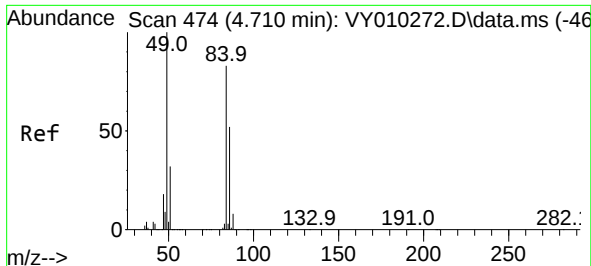
Tgt Ion: 59 Resp: 1616
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 8.968 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 43 Resp: 5116
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0

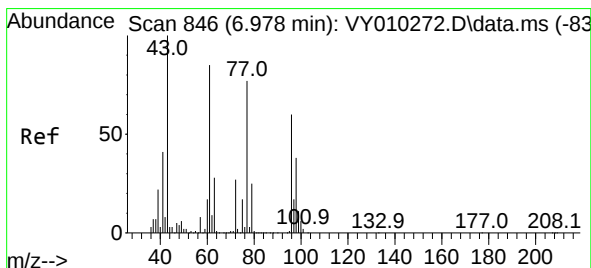
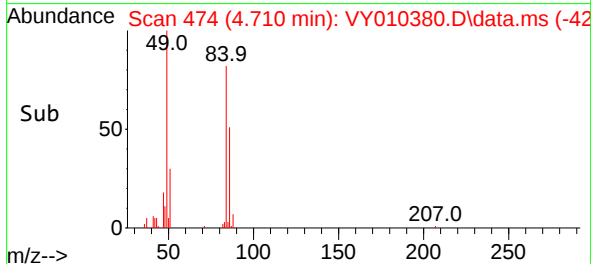
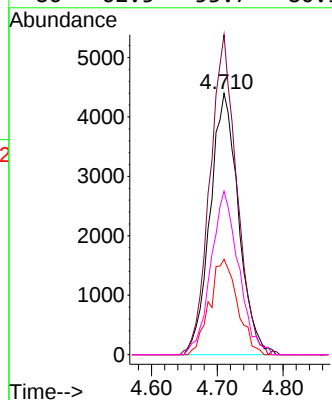
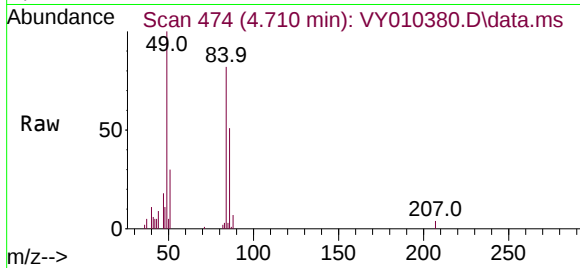




#20
Methylene Chloride
Concen: 4.802 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

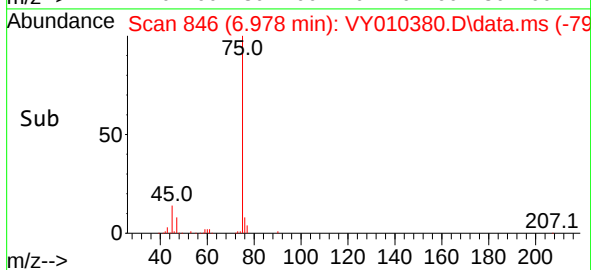
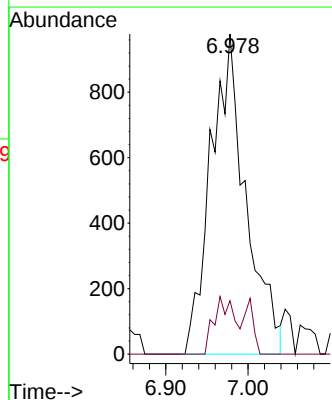
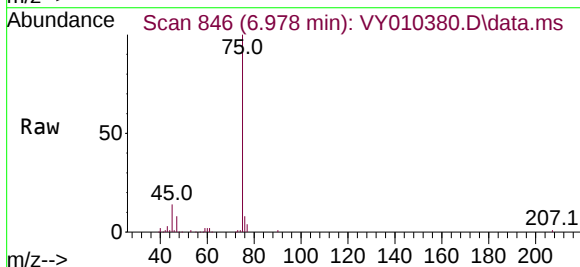
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

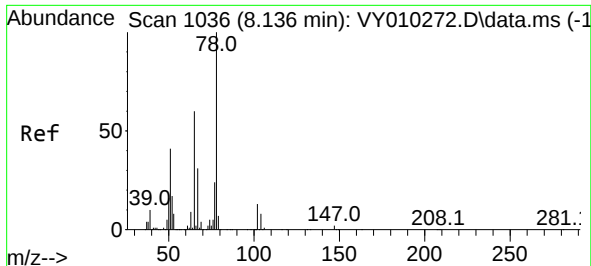
Tgt Ion:	84	Resp:	13220
Ion	Ratio	Lower	Upper
84	100		
49	122.5	114.4	171.6
51	36.5	35.3	52.9
86	62.5	53.7	80.5



#25
2-Butanone
Concen: 3.092 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion:	43	Resp:	2895
Ion	Ratio	Lower	Upper
43	100		
72	16.7	17.7	26.5#





#33

1,2-Dichloroethane-d4

Concen: 51.715 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY010380.D

Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

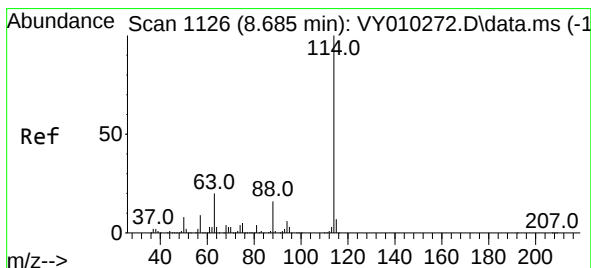
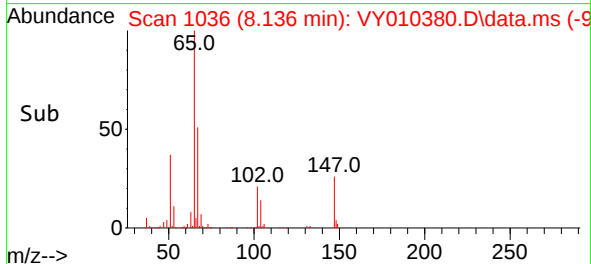
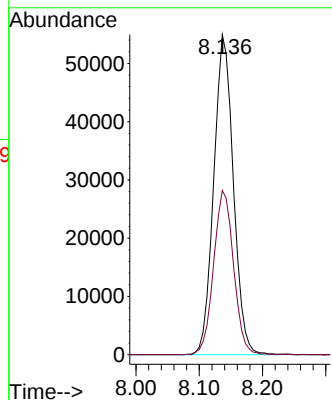
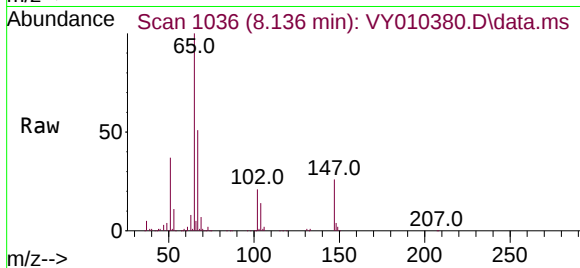
S1-SO_114D-20220902

Tgt Ion: 65 Resp: 118013

Ion Ratio Lower Upper

65 100

67 52.3 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: VY010380.D

Acq: 07 Sep 2022 18:26

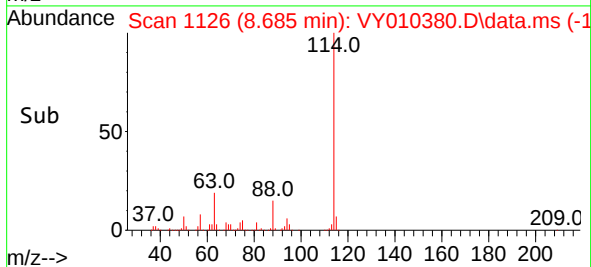
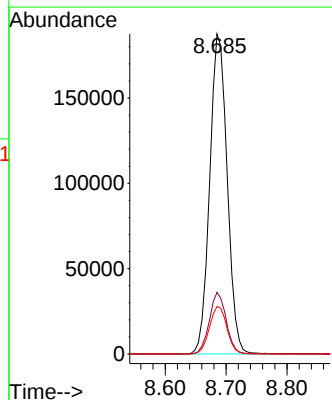
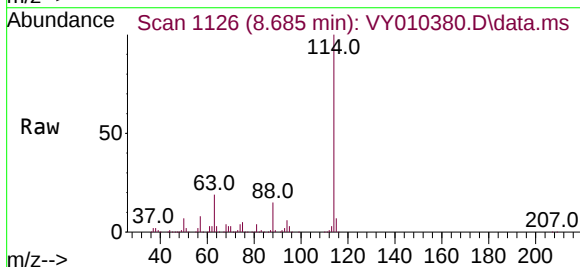
Tgt Ion: 114 Resp: 373402

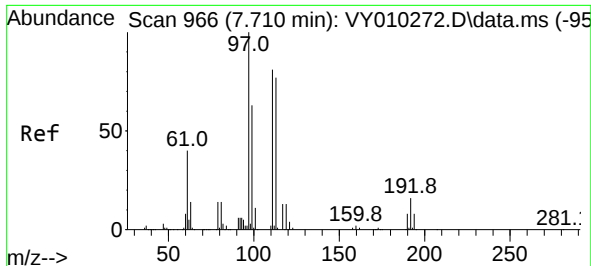
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.8 0.0 31.8

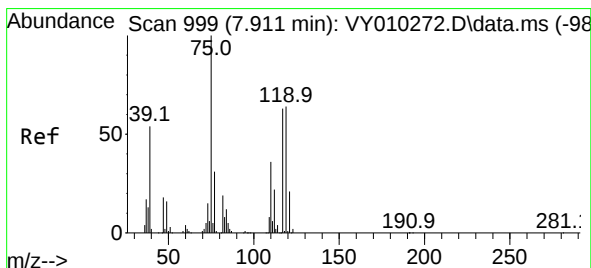
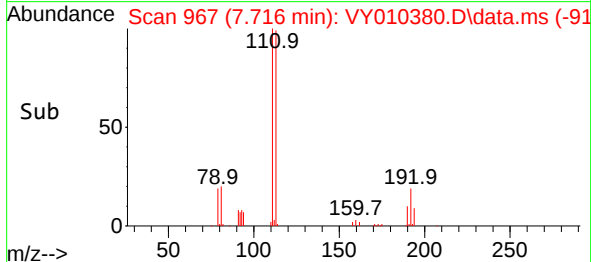
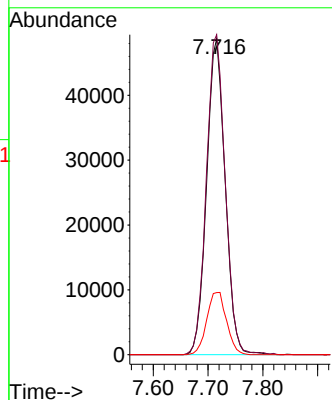
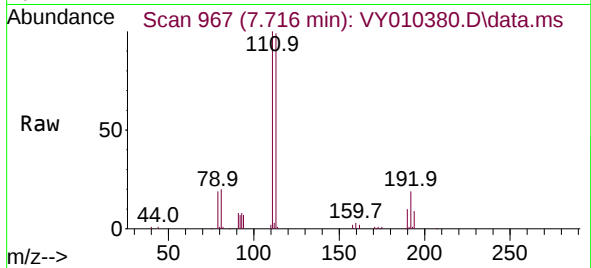




#35
Dibromofluoromethane
Concen: 45.898 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

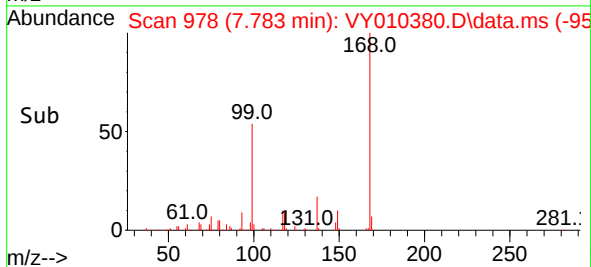
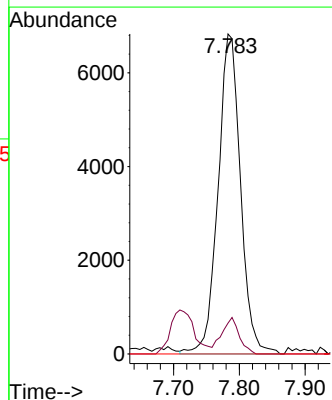
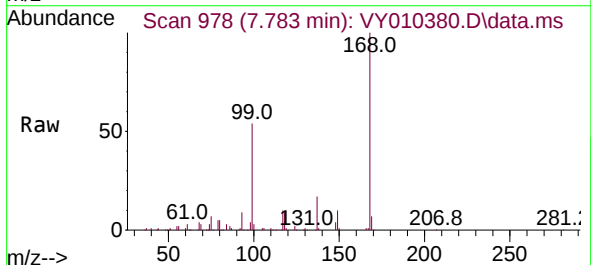
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

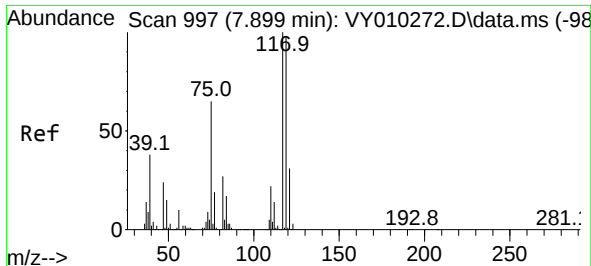
Tgt Ion:113 Resp: 114093
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 75 Resp: 16234
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

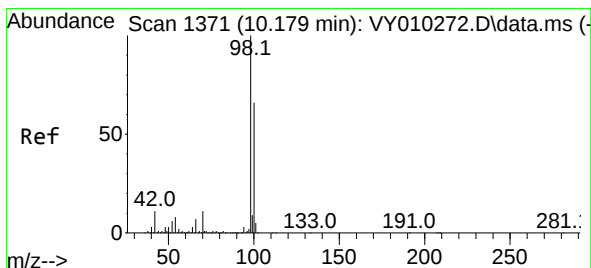
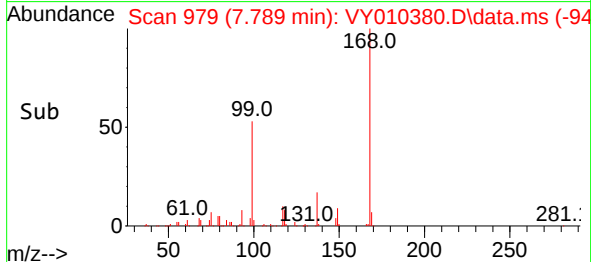
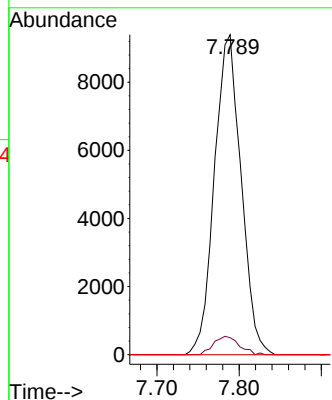
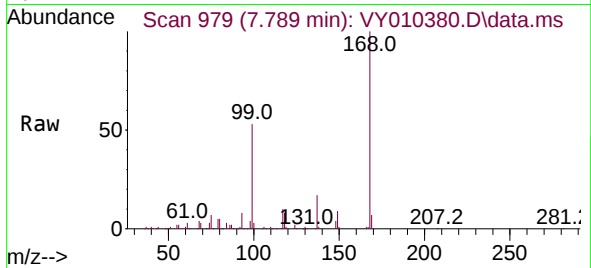




#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

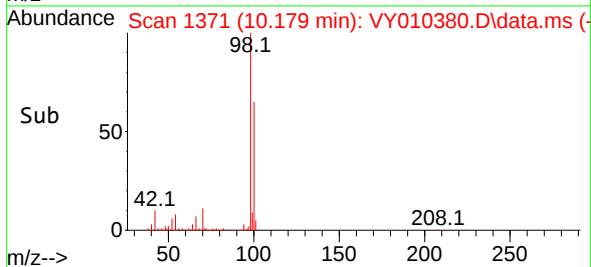
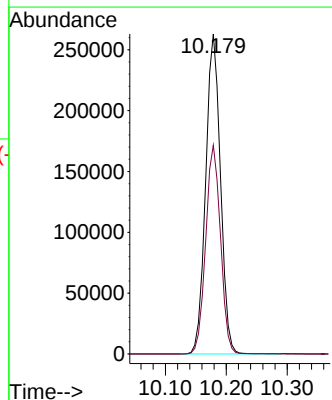
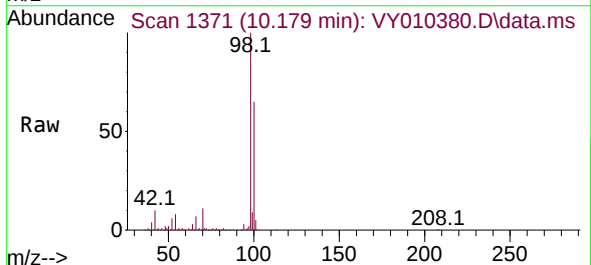
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

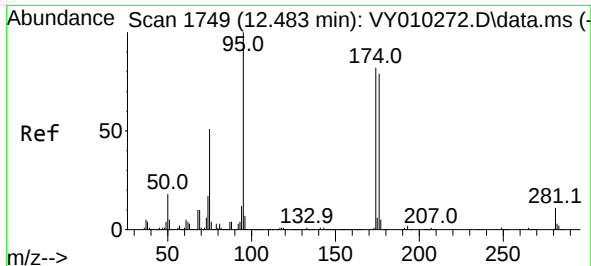
Tgt Ion:117 Resp: 21144
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.264 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 98 Resp: 443291
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

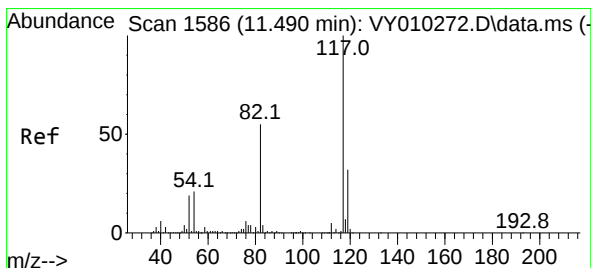
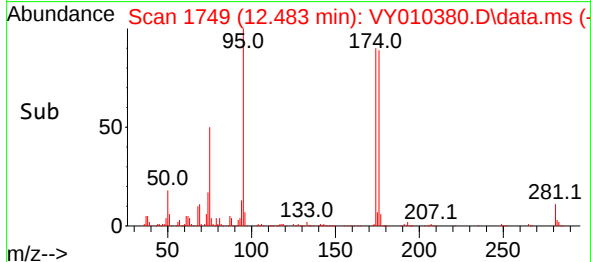
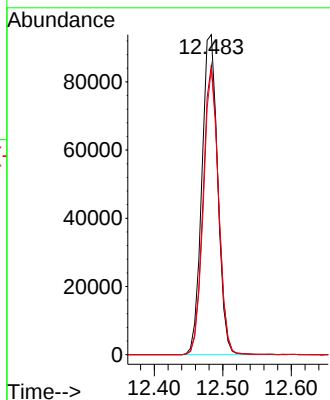
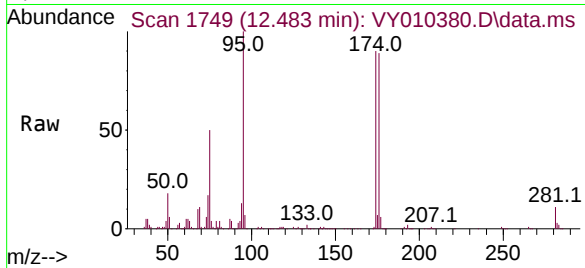




#62
4-Bromofluorobenzene
Concen: 44.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

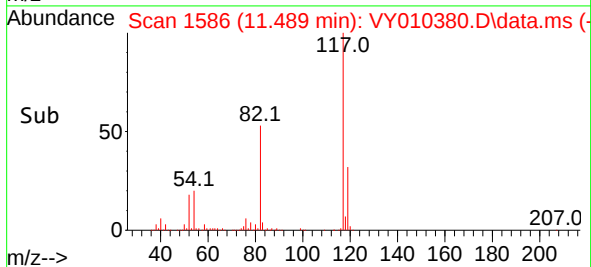
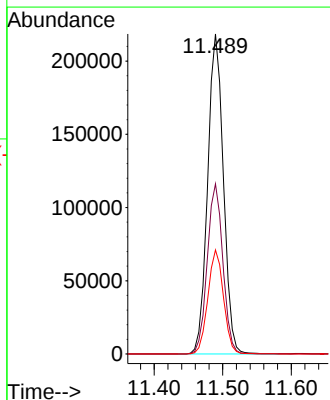
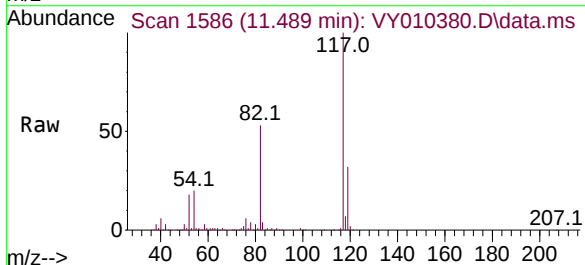
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_114D-20220902

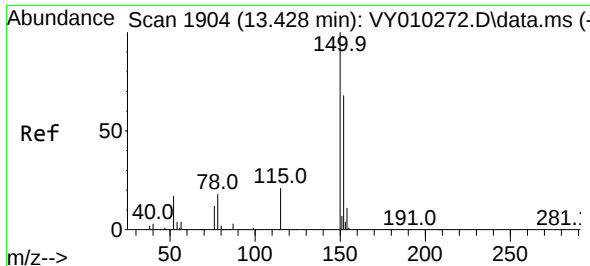
Tgt Ion: 95 Resp: 151077
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010380.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 117 Resp: 349292
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.5 25.4 38.0

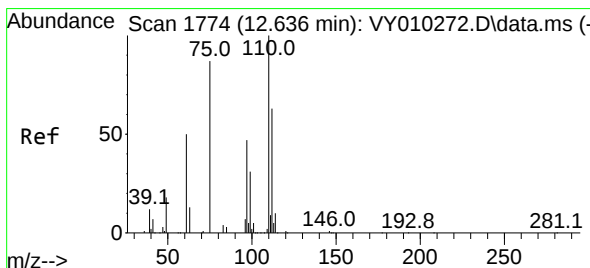
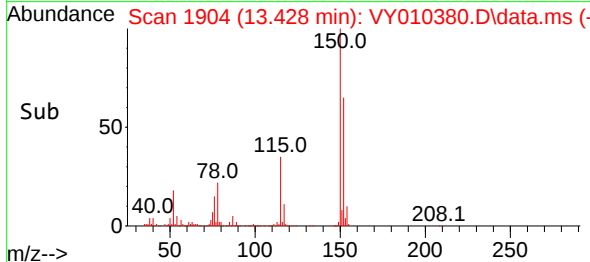
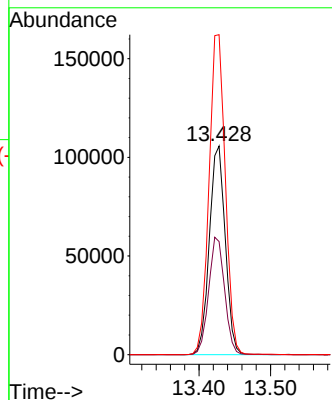
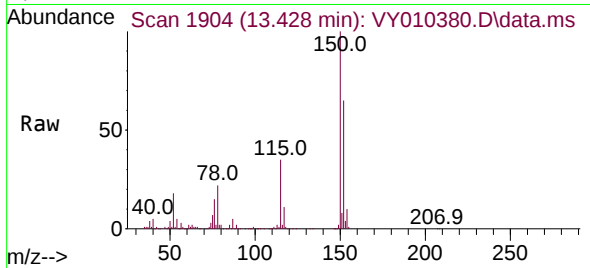




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010380.D
 Acq: 07 Sep 2022 18:26

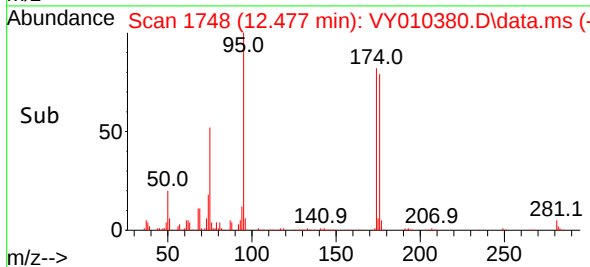
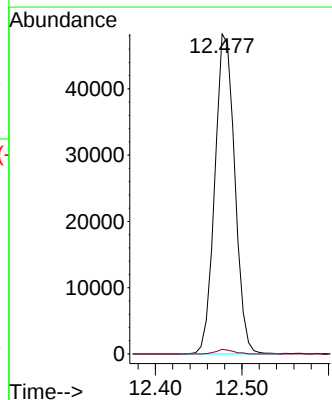
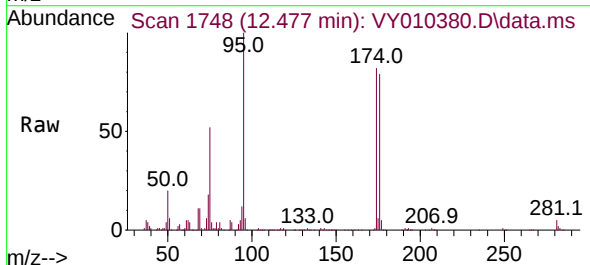
Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_114D-20220902

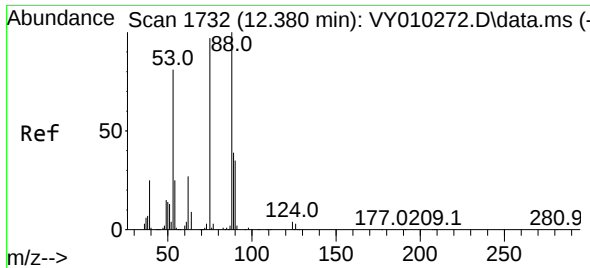
Tgt Ion:152 Resp: 163858
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.575 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010380.D
 Acq: 07 Sep 2022 18:26

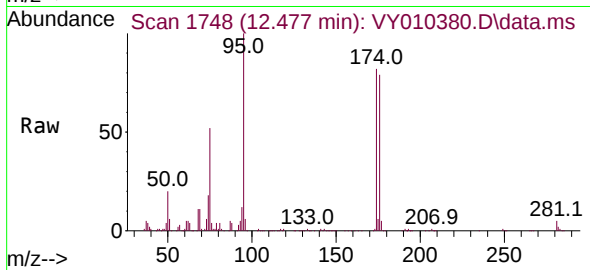
Tgt Ion: 75 Resp: 77170
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.558 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010380.D
 Acq: 07 Sep 2022 18:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_114D-20220902



Tgt Ion:	75	Resp:	77170
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.2	37.0	55.4#

