

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013578.D
 Acq On : 03 May 2023 13:49
 Operator : KP/MD
 Sample : 02554-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-42823RE

Quant Time: May 03 15:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

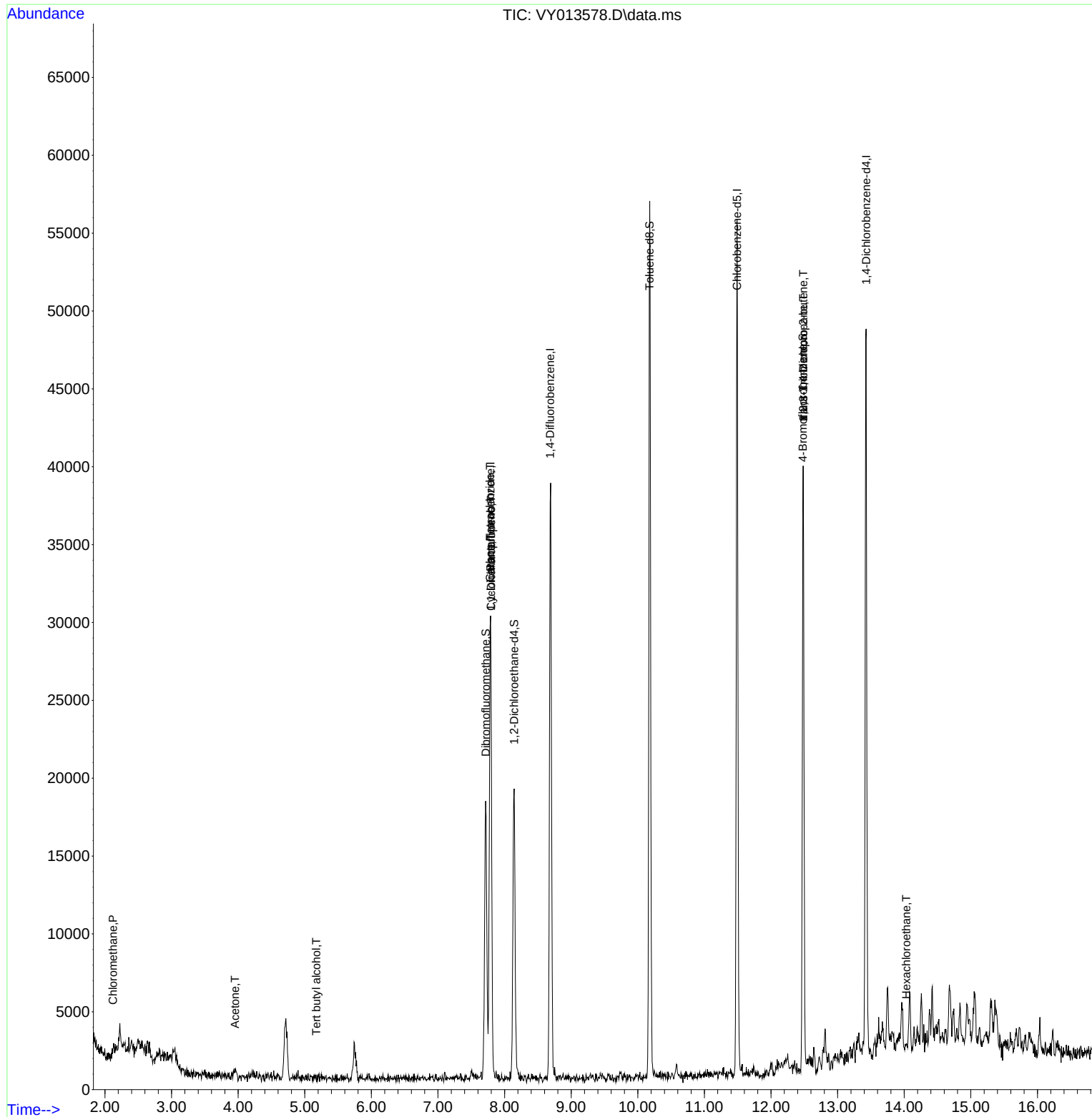
Internal Standards						
1) Pentafluorobenzene	7.789	168	23800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	33019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16026	61.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.860%	
35) Dibromofluoromethane	7.716	113	12086	58.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.400%	
50) Toluene-d8	10.179	98	37931	51.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.477	95	11299	45.366	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	341	1.124	ug/l #	42
11) Tert butyl alcohol	5.173	59	27	1.566	ug/l #	89
16) Acetone	3.954	43	719	6.998	ug/l #	43
20) Methylene Chloride	4.698	84	1423	Below Cal	#	81
31) Cyclohexane	7.795	56	668	1.430	ug/l #	63
36) 1,1-Dichloropropene	7.795	75	2024	5.872	ug/l #	46
38) Carbon Tetrachloride	7.783	117	2241	6.203	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	5550	33.619	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5550	68.770	ug/l #	13
90) Hexachloroethane	14.032	117	304	1.828	ug/l #	8

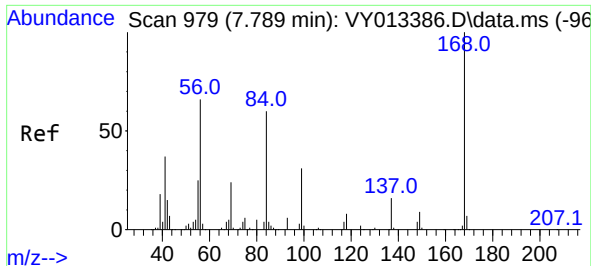
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
Data File : VY013578.D
Acq On : 03 May 2023 13:49
Operator : KP/MD
Sample : 02554-01RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

Quant Time: May 03 15:41:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

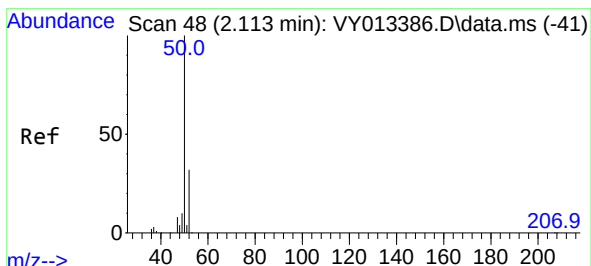
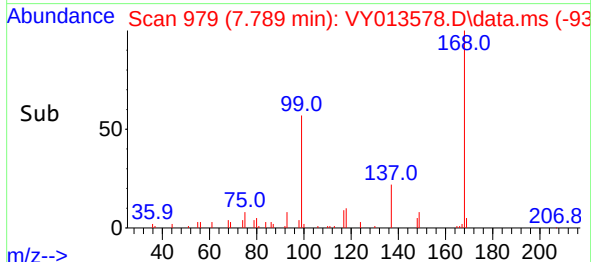
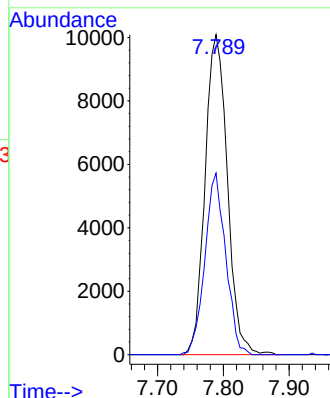
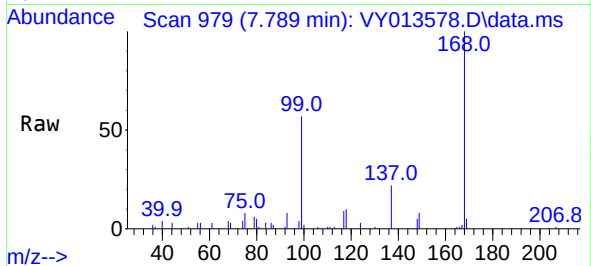




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

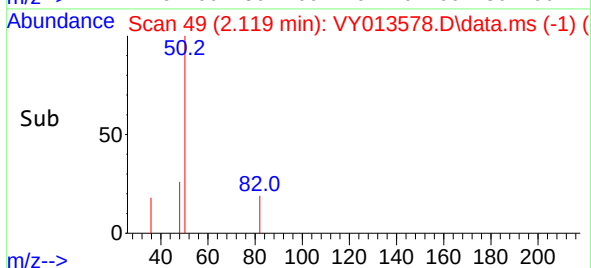
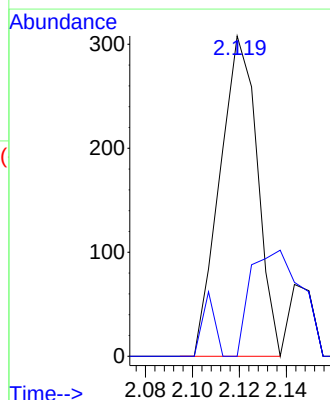
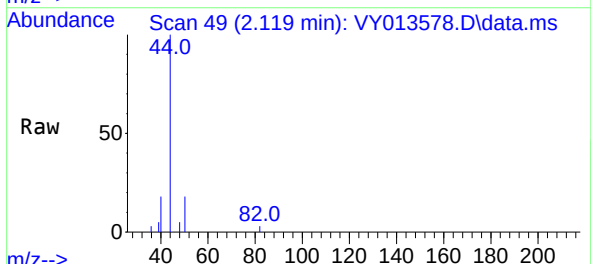
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

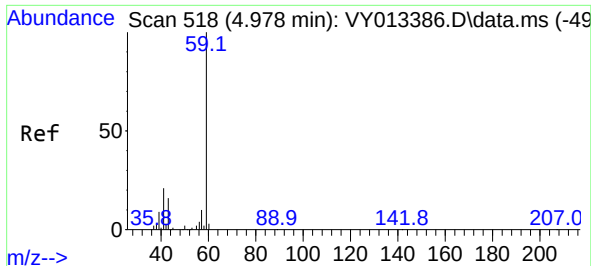
Tgt Ion:168 Resp: 23800
Ion Ratio Lower Upper
168 100
99 56.7 41.8 62.6



#3
Chloromethane
Concen: 1.124 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

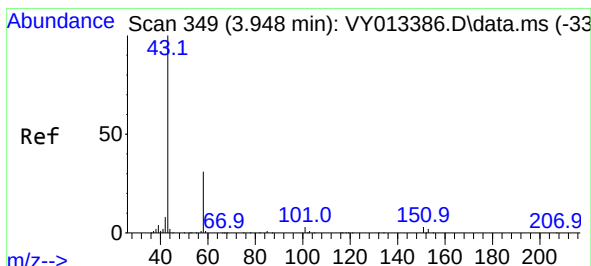
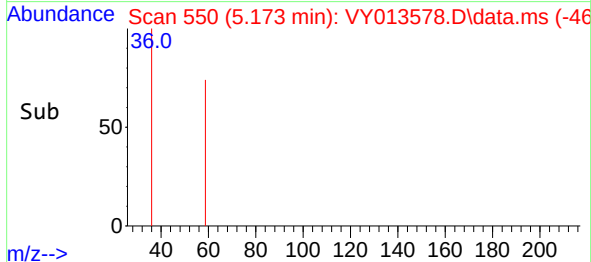
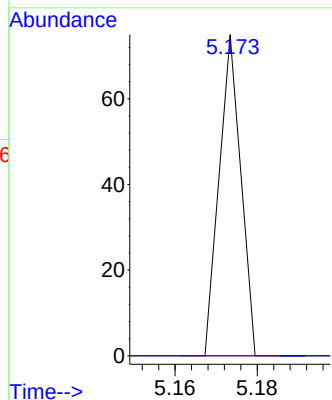
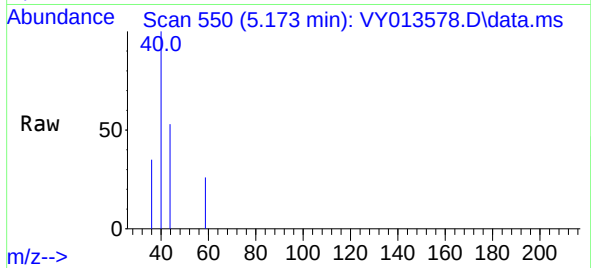




#11
Tert butyl alcohol
Concen: 1.566 ug/l
RT: 5.173 min Scan# 518
Delta R.T. 0.195 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

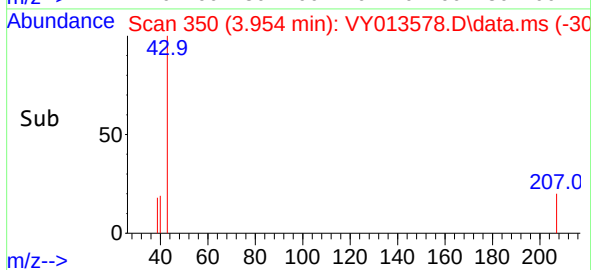
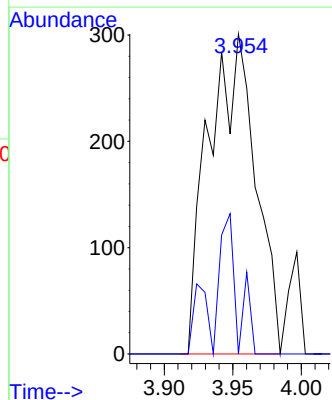
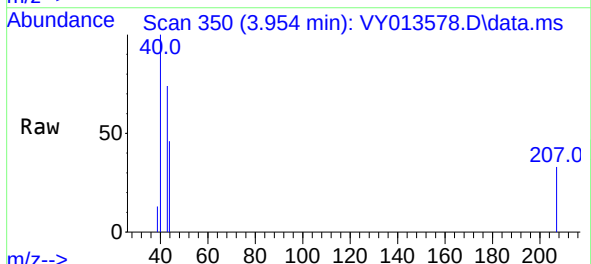
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

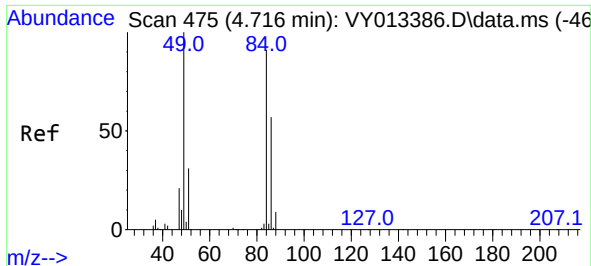
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 6.998 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

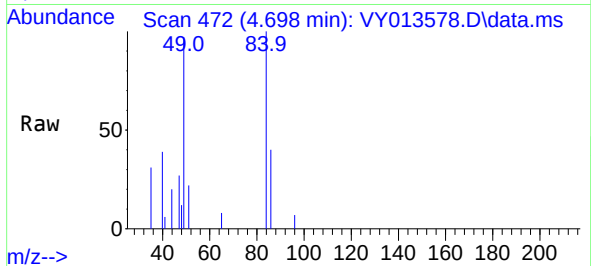
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#





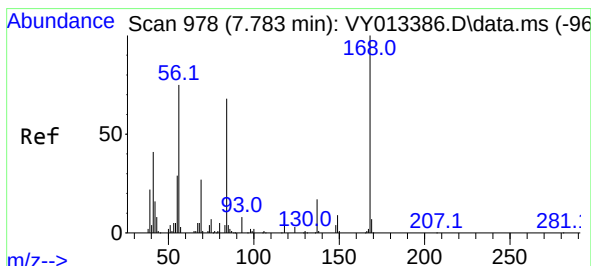
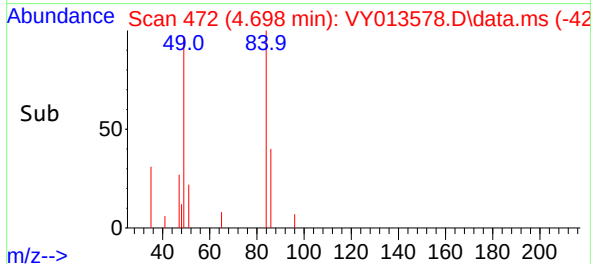
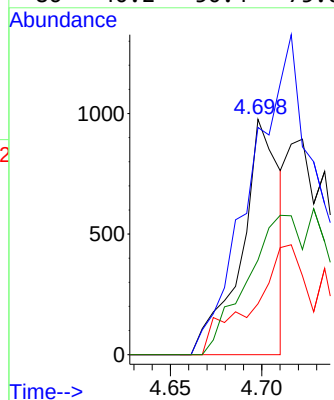
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE



Tgt Ion: 84 Resp: 1423

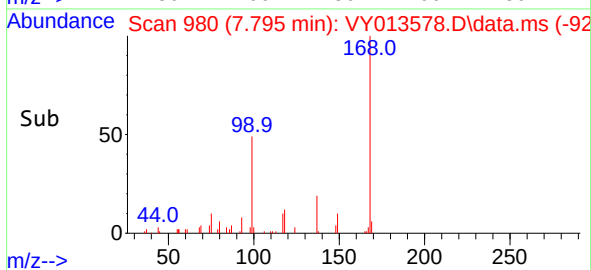
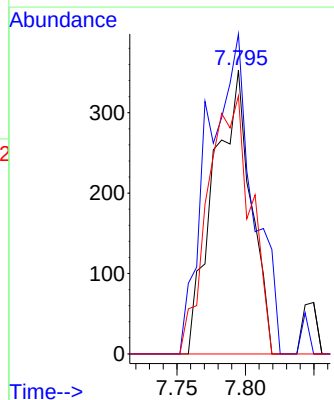
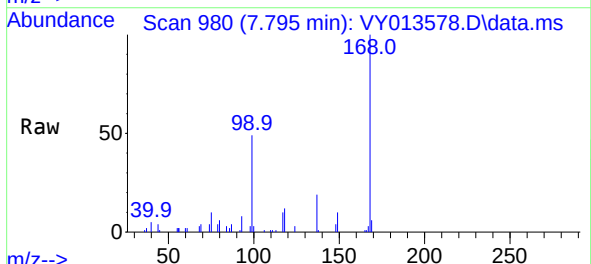
Ion	Ratio	Lower	Upper
84	100		
49	96.5	88.0	132.0
51	21.6	27.4	41.0#
86	40.2	50.4	75.6#

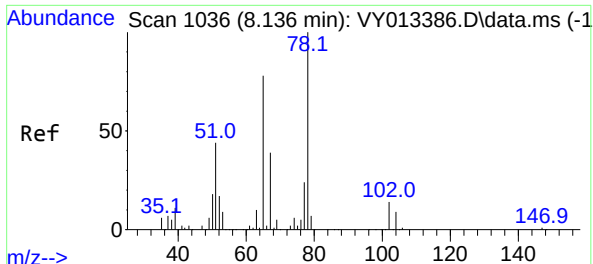


#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 56 Resp: 668

Ion	Ratio	Lower	Upper
56	100		
69	112.7	29.2	43.8#
84	90.9	73.0	109.6





#33

1,2-Dichloroethane-d4

Concen: 61.426 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013578.D

Acq: 03 May 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

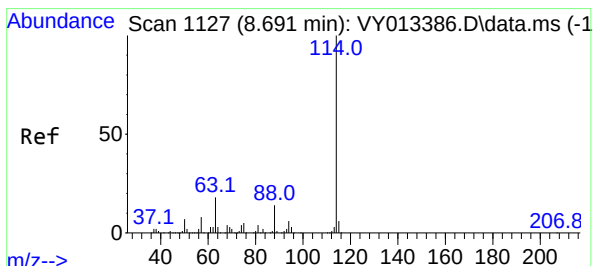
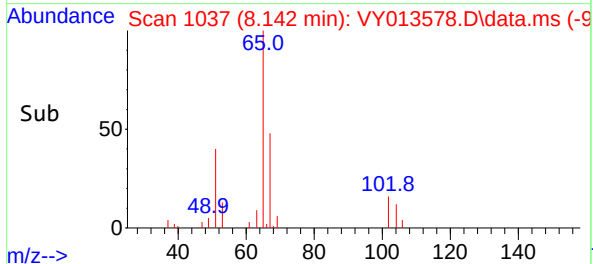
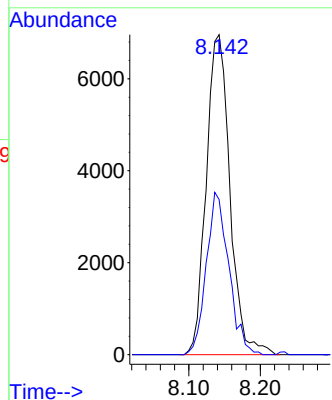
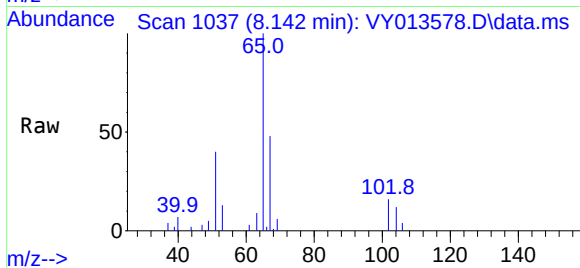
TR-04-42823RE

Tgt Ion: 65 Resp: 16026

Ion Ratio Lower Upper

65 100

67 48.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013578.D

Acq: 03 May 2023 13:49

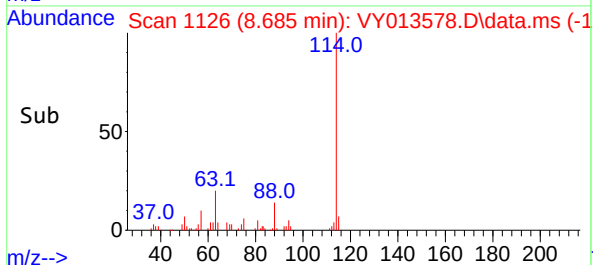
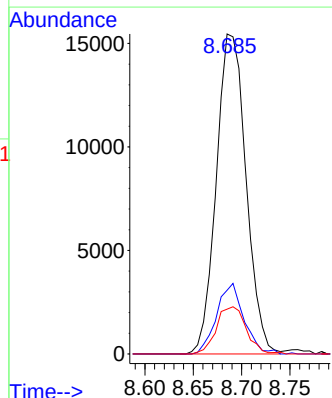
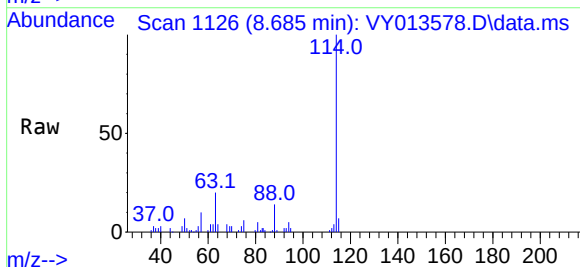
Tgt Ion: 114 Resp: 33019

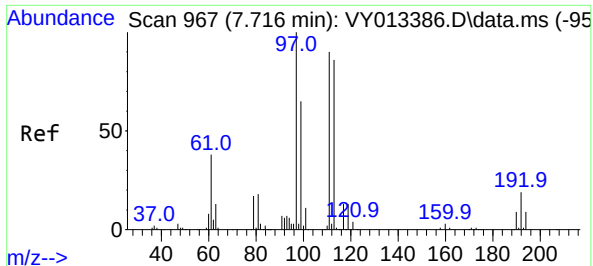
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 14.0 0.0 28.8

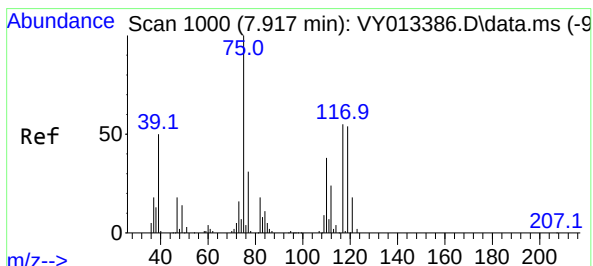
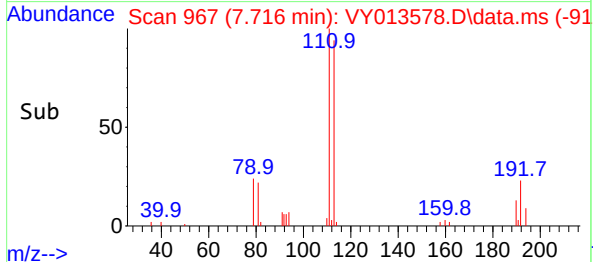
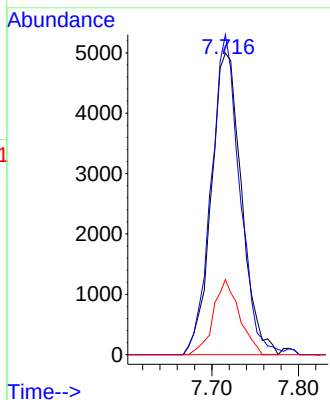
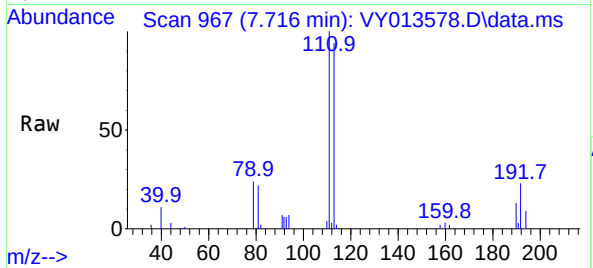




#35
Dibromofluoromethane
Concen: 58.197 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

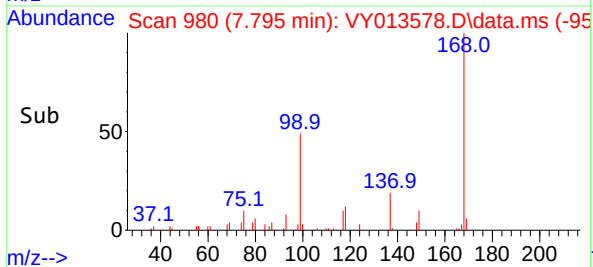
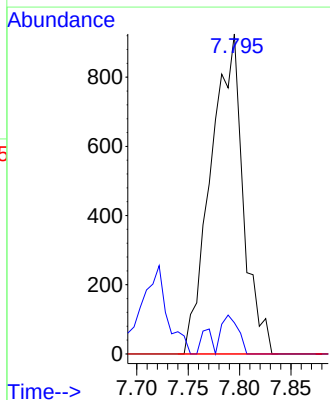
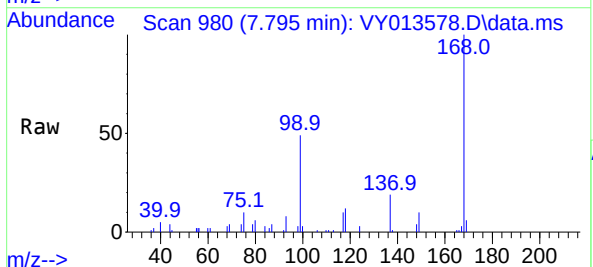
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

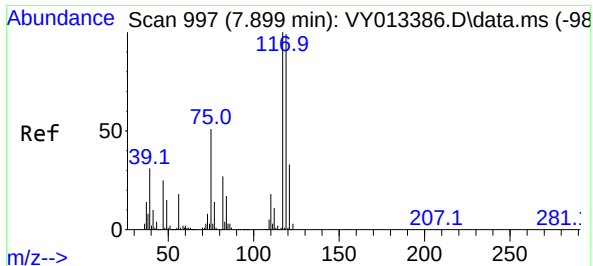
Tgt Ion:	113	Resp:	12086
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	21.4	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.872 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion:	75	Resp:	2024
Ion	Ratio	Lower	Upper
75	100		
110	6.3	18.7	56.1#
77	0.0	24.6	37.0#

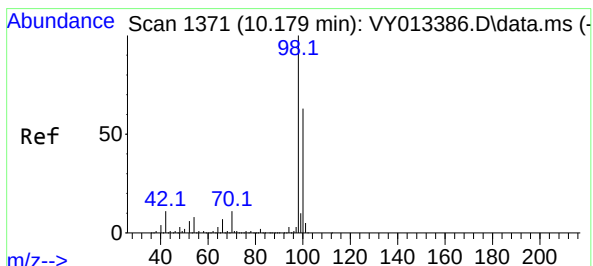
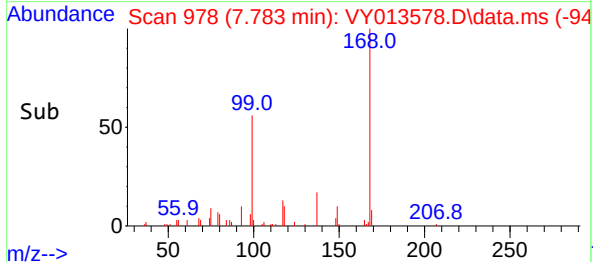
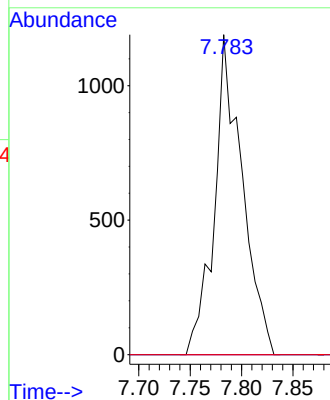
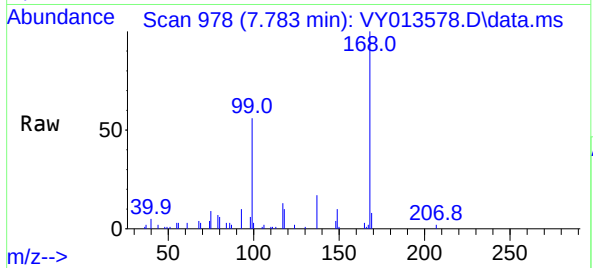




#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

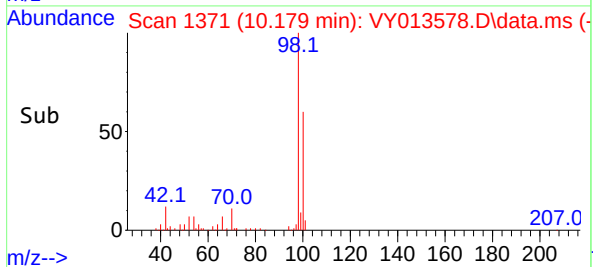
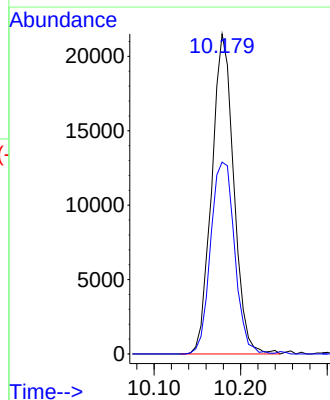
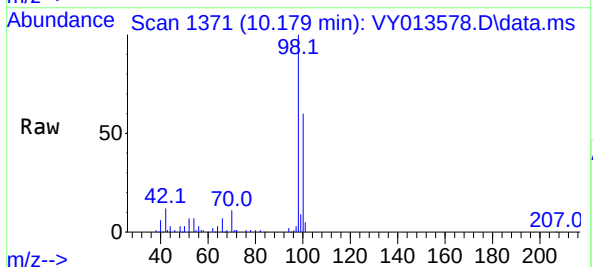
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

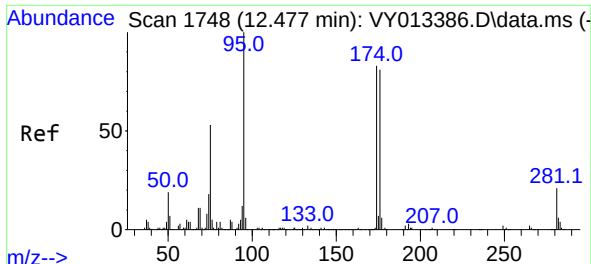
Tgt Ion:117 Resp: 2241
Ion Ratio Lower Upper
117 100
119 0.0 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 51.343 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 98 Resp: 37931
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7

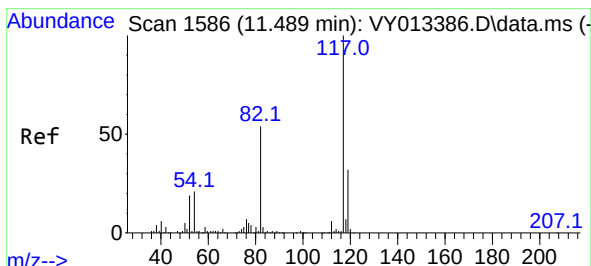
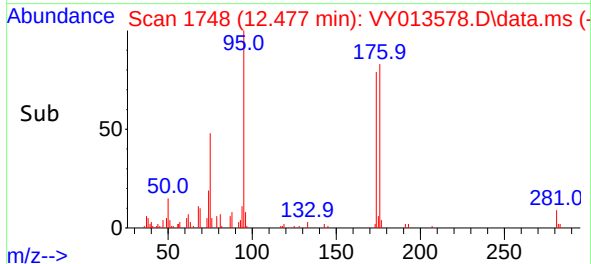
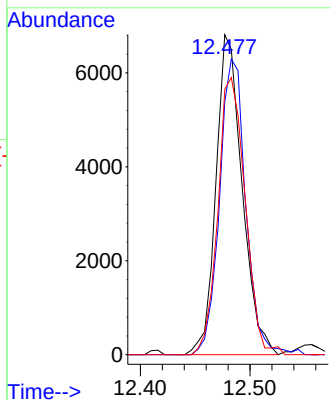
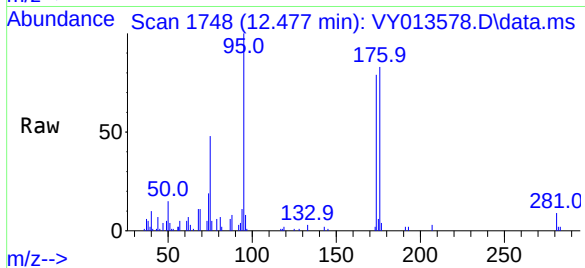




#62
4-Bromofluorobenzene
Concen: 45.366 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

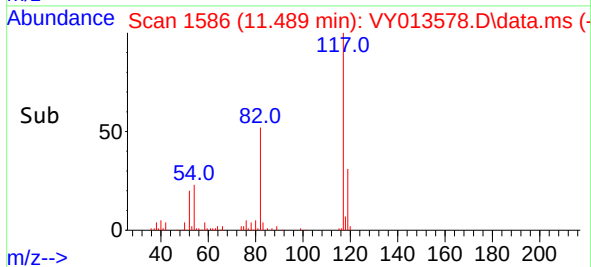
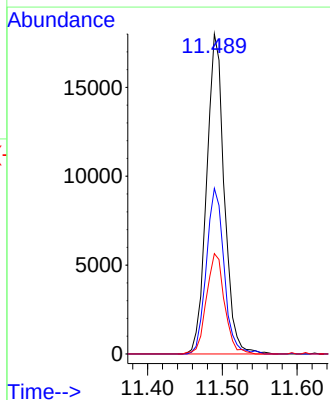
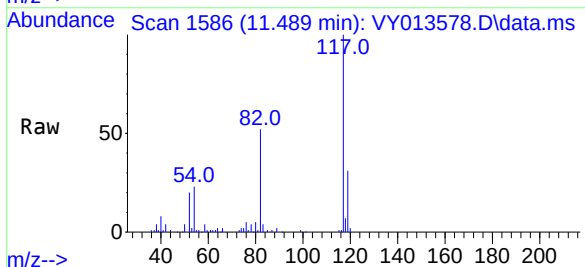
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

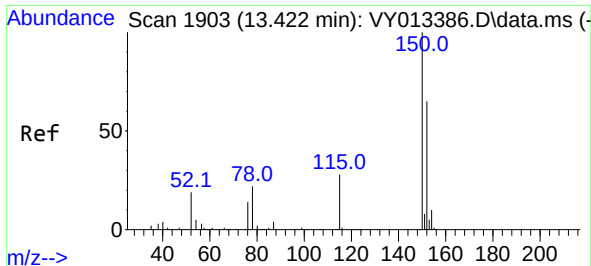
Tgt Ion: 95 Resp: 11299
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.0
176 90.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 117 Resp: 29498
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.6
119 31.4 25.5 38.3

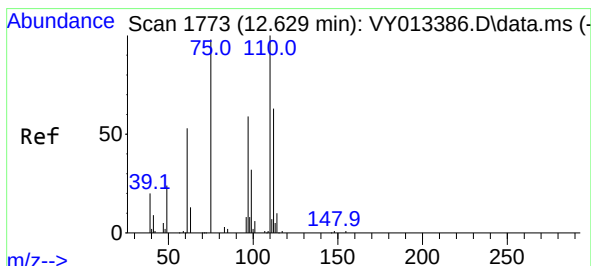
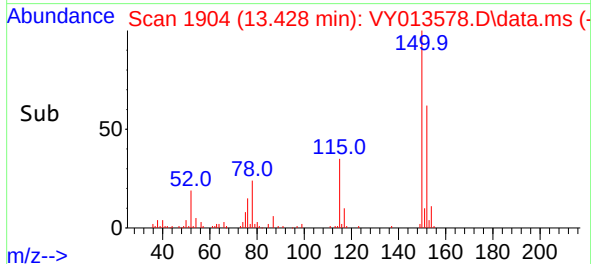
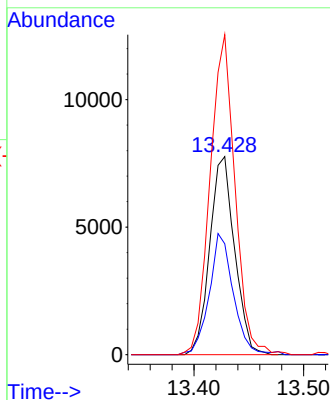
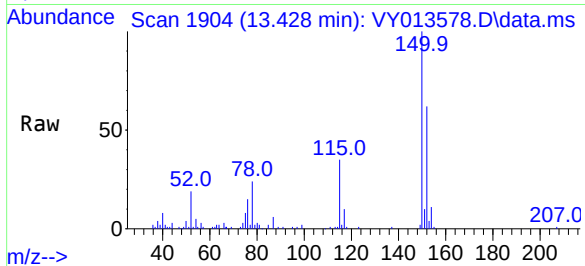




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

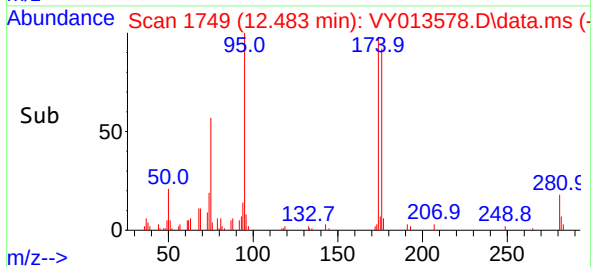
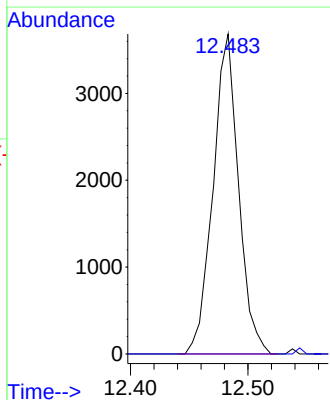
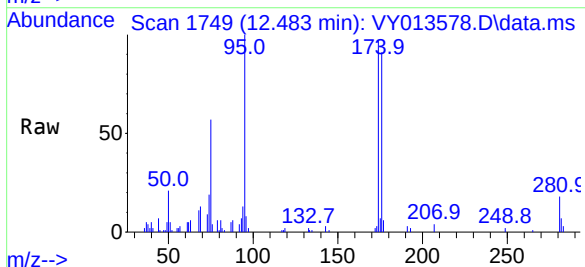
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

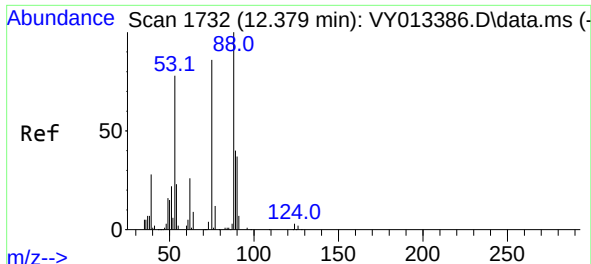
Tgt Ion:152 Resp: 12241
Ion Ratio Lower Upper
152 100
115 59.5 28.1 84.2
150 161.7 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 33.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 75 Resp: 5550
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

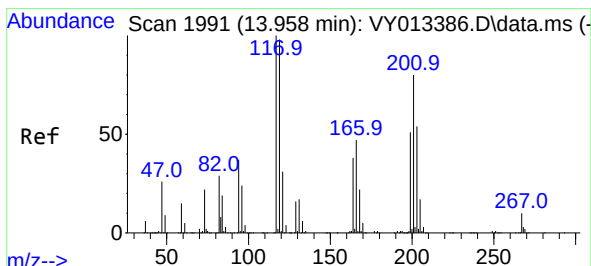
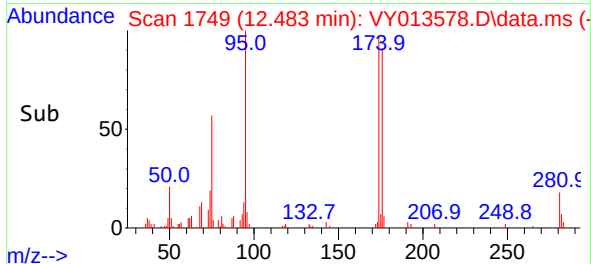
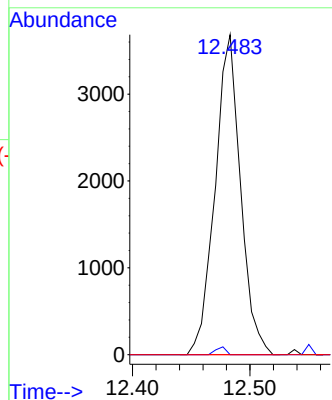
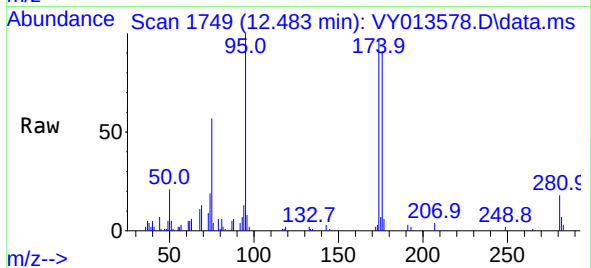




#81
trans-1,4-Dichloro-2-butene
Concen: 68.770 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

Tgt Ion: 75 Resp: 5550
Ion Ratio Lower Upper
75 100
53 1.0 73.2 109.8#
89 0.0 38.0 57.0#



#90
Hexachloroethane
Concen: 1.828 ug/l
RT: 14.032 min Scan# 2003
Delta R.T. 0.074 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 117 Resp: 304
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

