

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010786.D
 Acq On : 04 Oct 2022 11:46
 Operator : KP/MD
 Sample : N4936-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

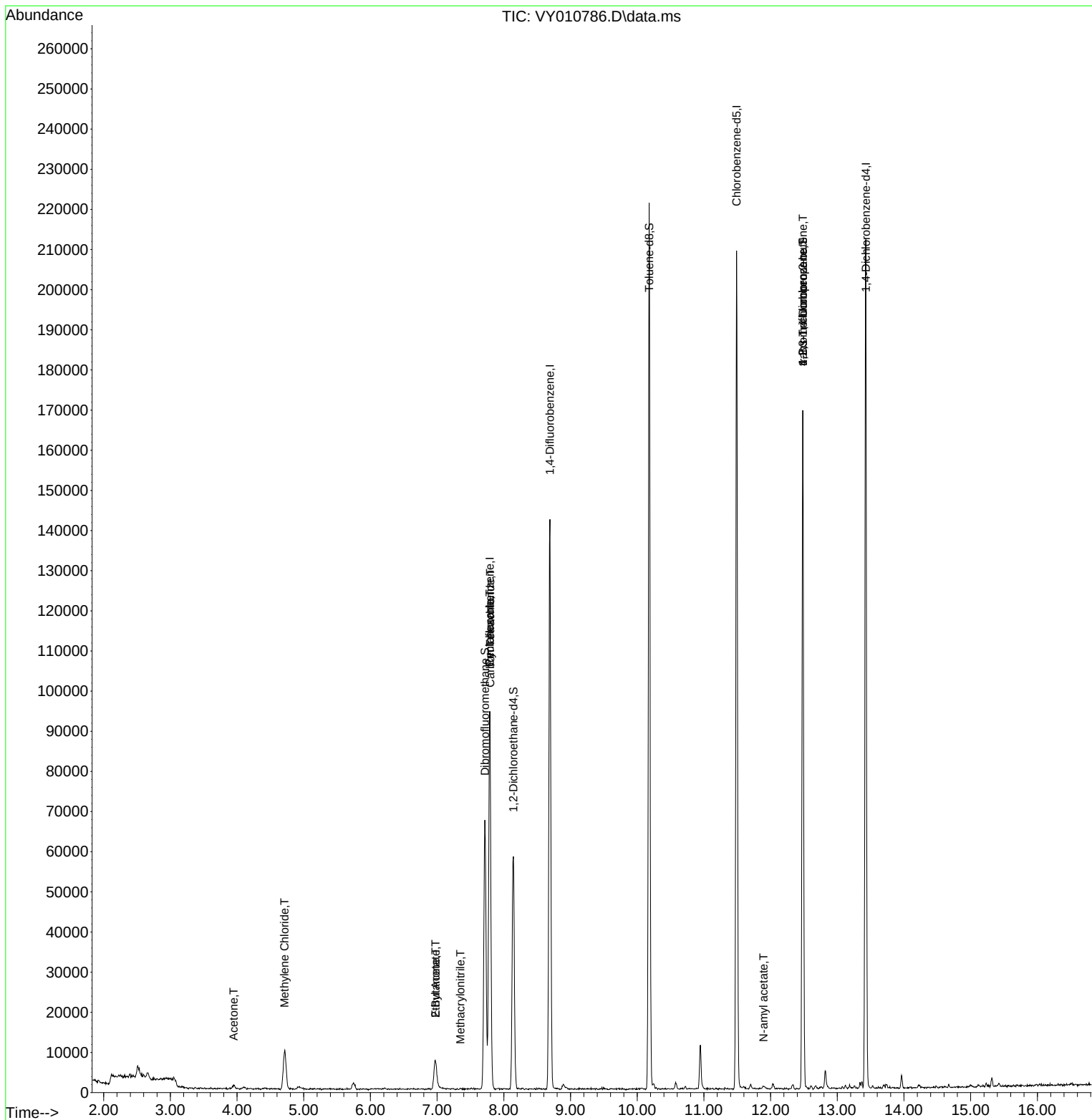
Quant Time: Oct 05 07:26:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

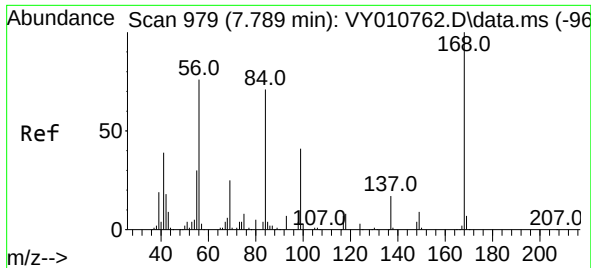
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	73718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	122013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46847	62.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.380%	
35) Dibromofluoromethane	7.716	113	47466	58.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.220%	
50) Toluene-d8	10.179	98	144673	52.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.483	95	50843	46.744	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.480%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.924	59	534	Below Cal	#	77
16) Acetone	3.948	43	1722	9.074	ug/l #	81
20) Methylene Chloride	4.710	84	7551	4.310	ug/l #	85
25) 2-Butanone	6.978	43	707	2.591	ug/l #	54
31) Cyclohexane	7.789	56	1739	1.300	ug/l #	14
37) Ethyl Acetate	6.978	43	707	1.232	ug/l #	22
38) Carbon Tetrachloride	7.795	117	7582	6.226	ug/l #	14
41) Methacrylonitrile	7.350	41	69	2.776	ug/l #	1
74) N-amyl acetate	11.892	43	945	1.008	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	25936	46.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25936	96.456	ug/l #	7

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

Quant Time: Oct 05 07:26:15 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

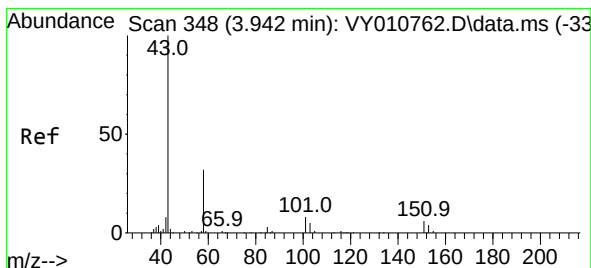
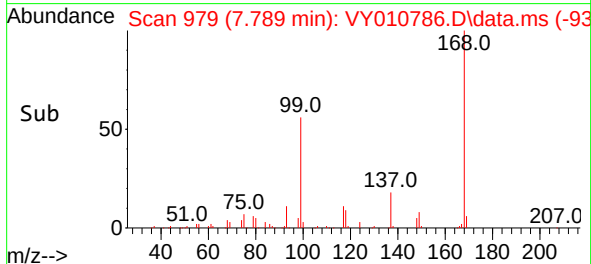
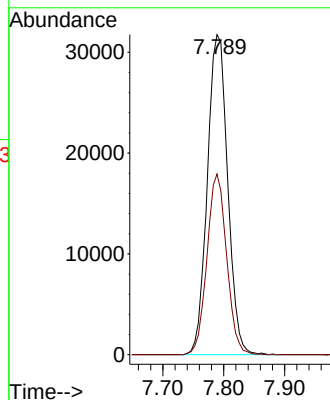
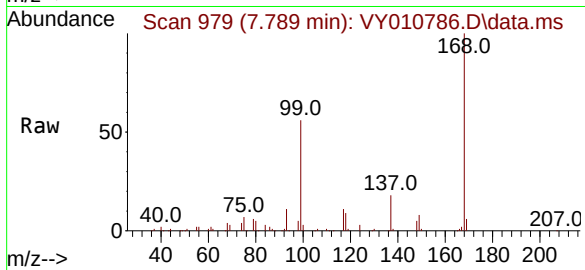




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

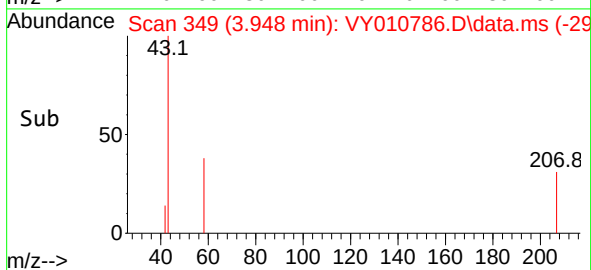
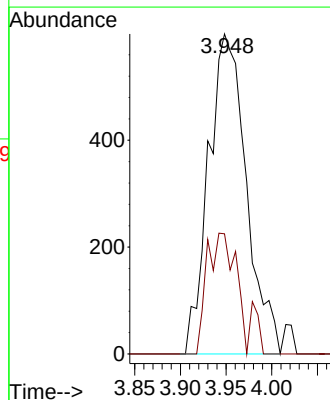
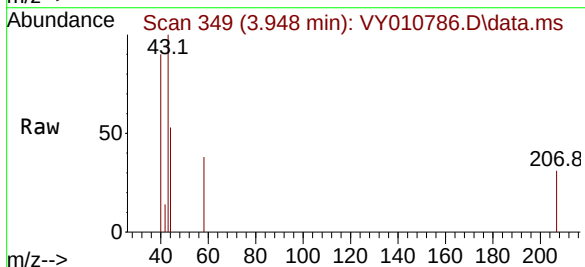
Instrument :
MSVOA_Y
ClientSampleId :

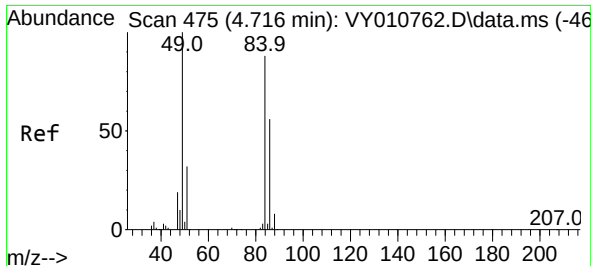
Tgt Ion:168 Resp: 73718
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#16
Acetone
Concen: 9.074 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

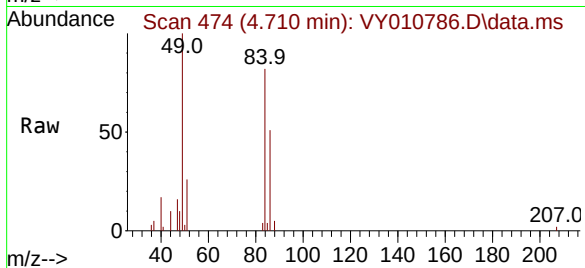
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 37.6 22.0 33.0#



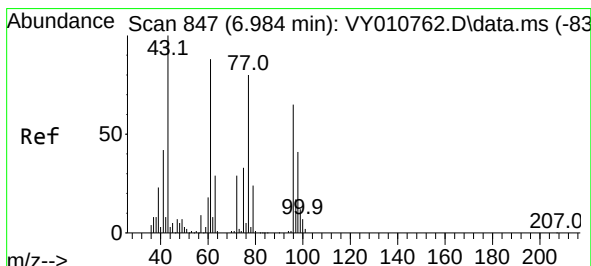
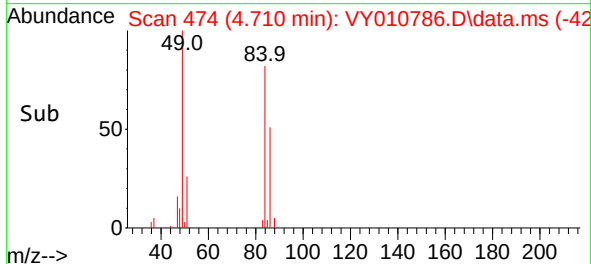
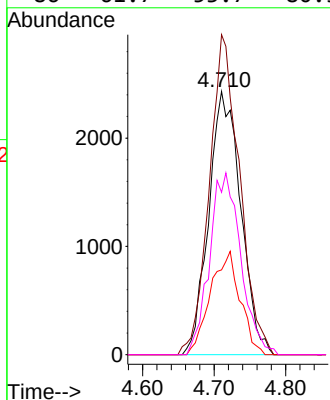


#20
Methylene Chloride
Concen: 4.310 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Instrument :
MSVOA_Y
ClientSampleId :

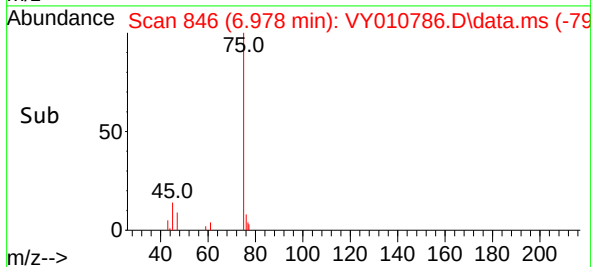
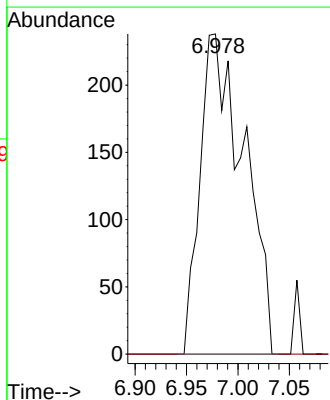
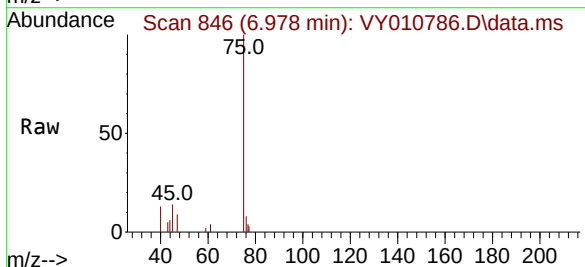


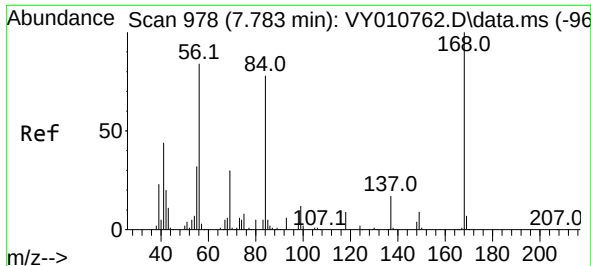
Tgt Ion: 84 Resp: 7551
Ion Ratio Lower Upper
84 100
49 121.6 114.4 171.6
51 32.2 35.3 52.9#
86 61.7 53.7 80.5



#25
2-Butanone
Concen: 2.591 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

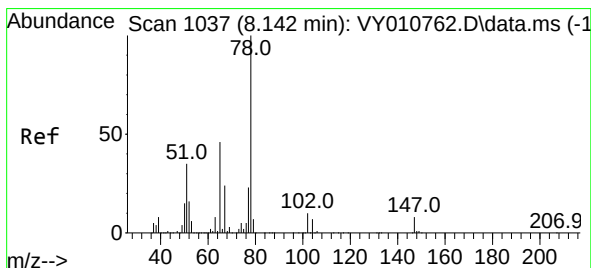
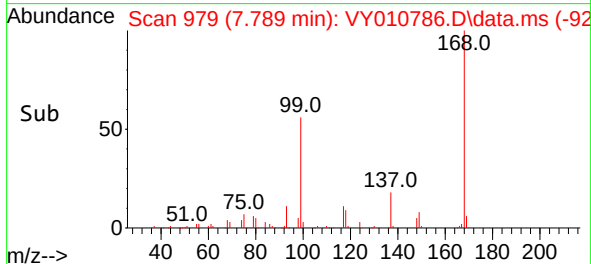
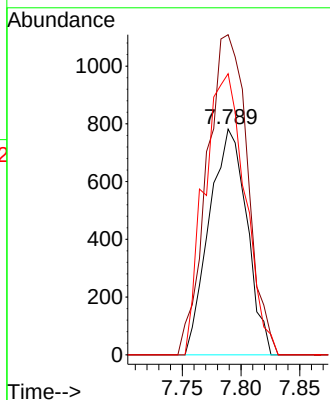
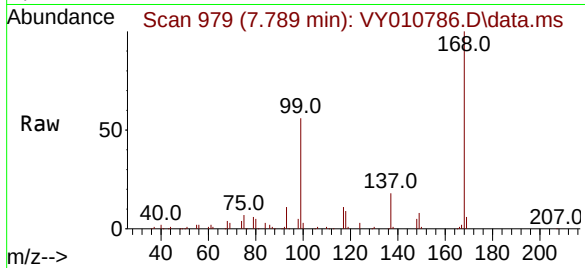




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

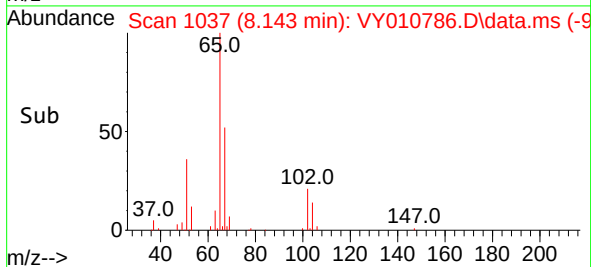
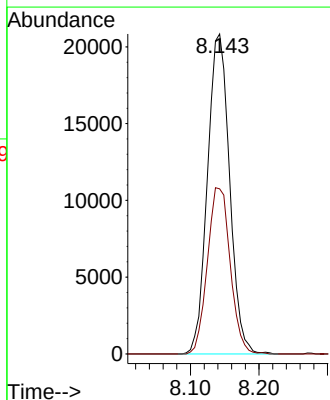
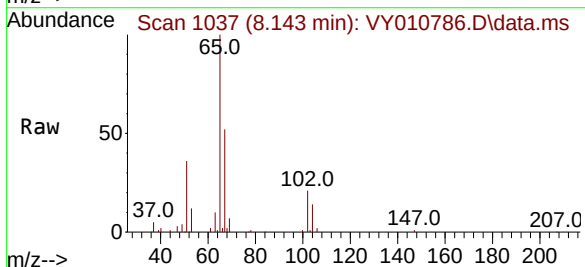
Instrument :
MSVOA_Y
ClientSampleId :

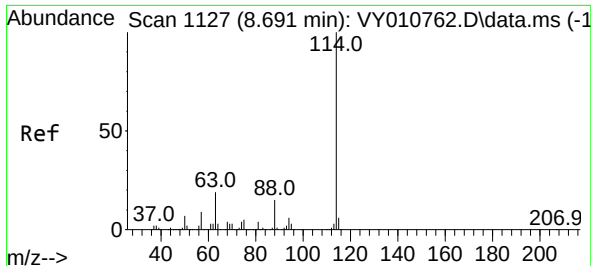
Tgt Ion: 56 Resp: 1739
Ion Ratio Lower Upper
56 100
69 141.8 26.7 40.1#
84 124.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.695 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Tgt Ion: 65 Resp: 46847
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010786.D

Acq: 04 Oct 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

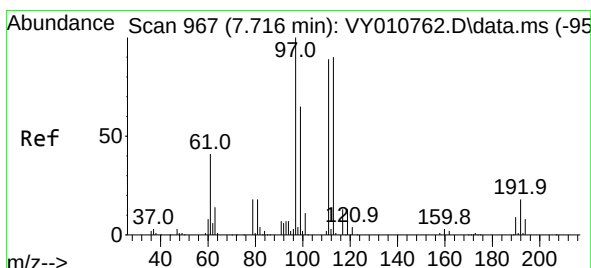
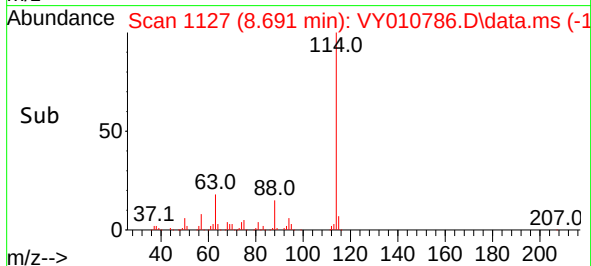
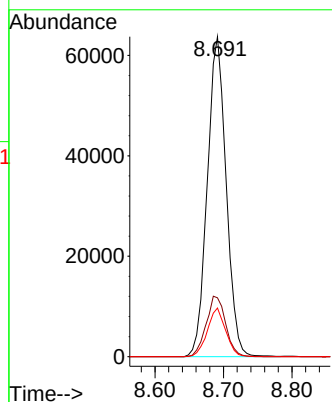
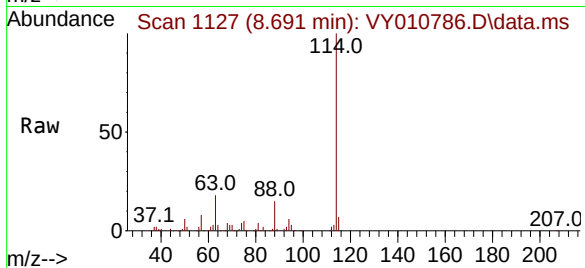
Tgt Ion:114 Resp: 122013

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.605 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010786.D

Acq: 04 Oct 2022 11:46

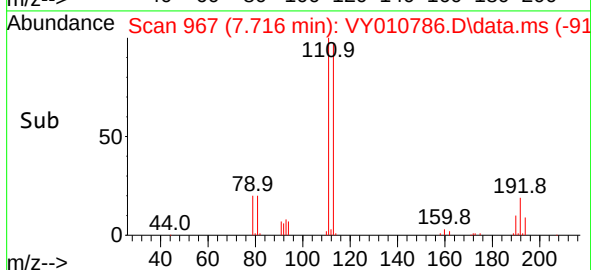
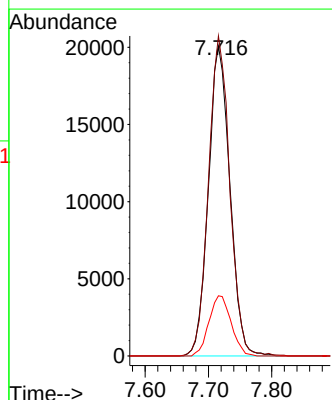
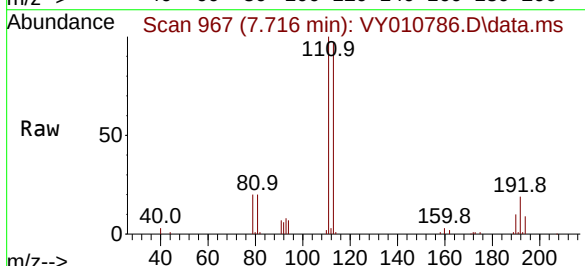
Tgt Ion:113 Resp: 47466

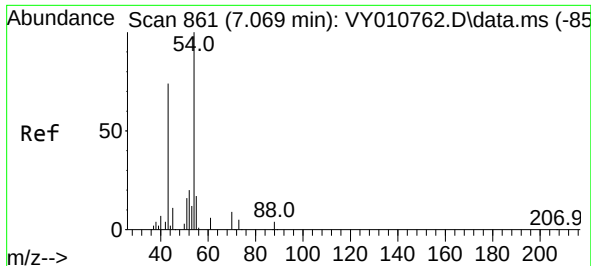
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

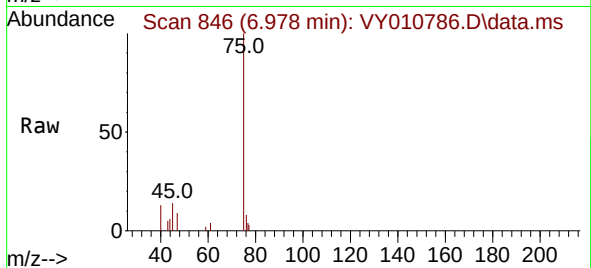
192 20.0 17.6 26.4



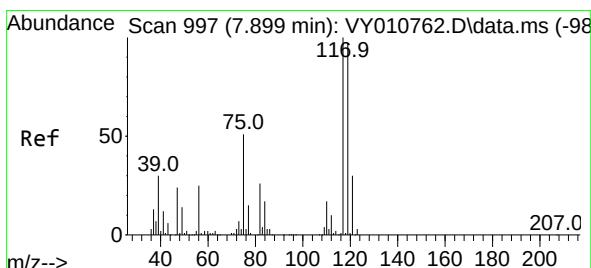
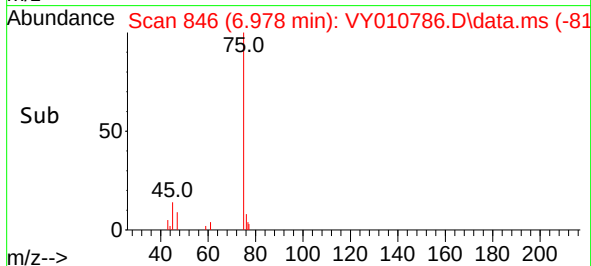
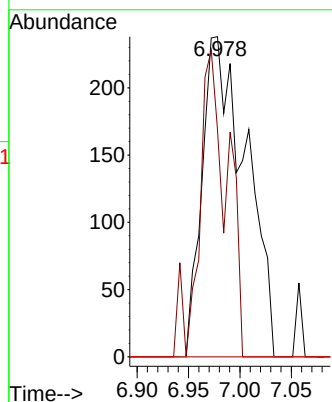


#37
Ethyl Acetate
Concen: 1.232 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Instrument :
MSVOA_Y
ClientSampleId :

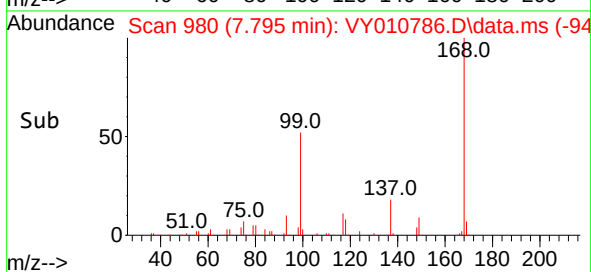
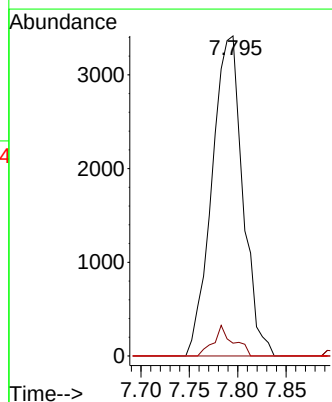
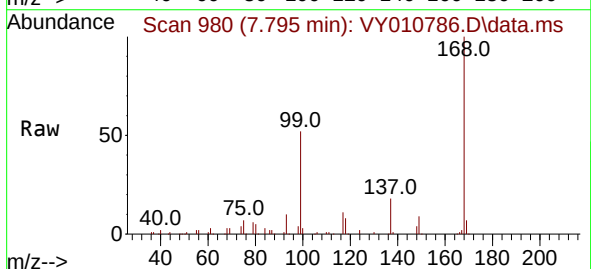


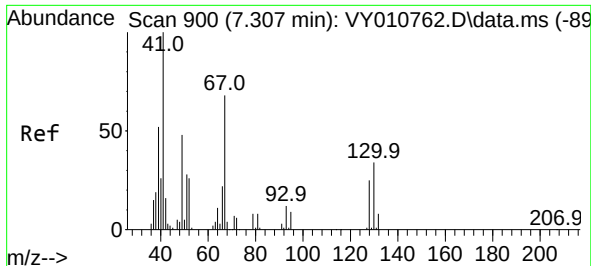
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
61 58.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.226 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

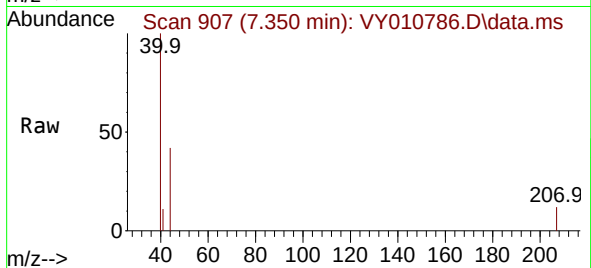
Tgt Ion: 117 Resp: 7582
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



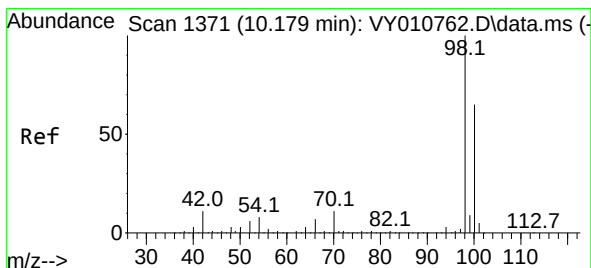
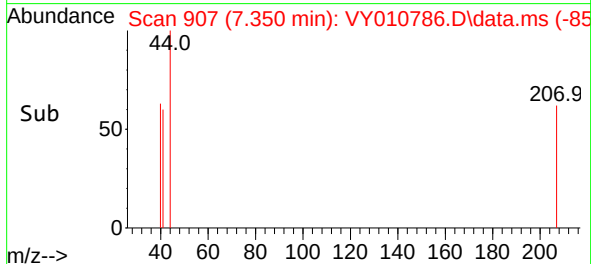
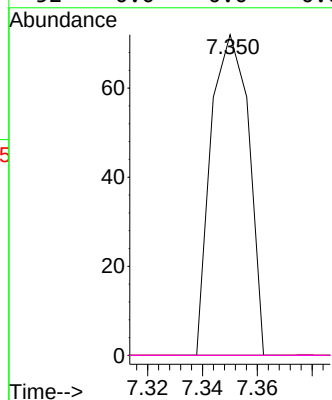


#41
Methacrylonitrile
Concen: 2.776 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Instrument :
MSVOA_Y
ClientSampleId :

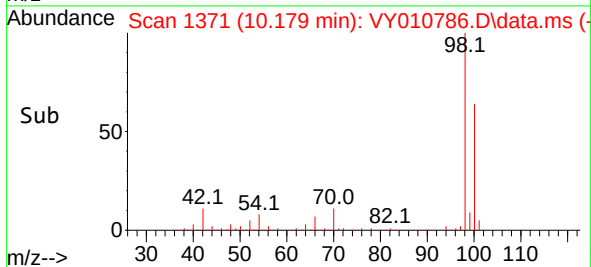
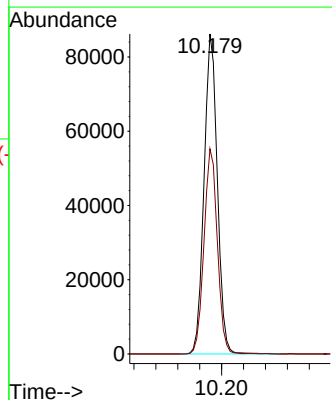
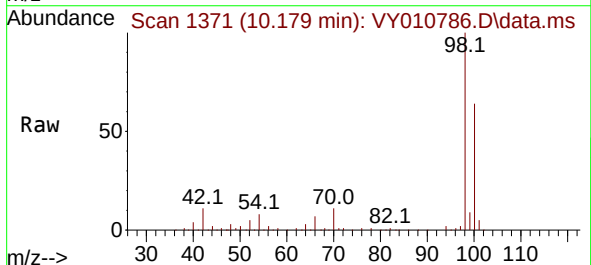


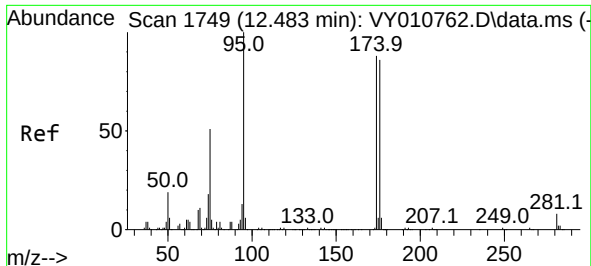
Tgt Ion: 41	Resp: 69
Ion Ratio	Lower Upper
41	100
39	0.0 92.9 139.3#
67	0.0 0.0 0.0
52	0.0 0.0 0.0



#50
Toluene-d8
Concen: 52.231 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Tgt Ion: 98	Resp: 144673
Ion Ratio	Lower Upper
98	100
100	64.4 50.2 75.2

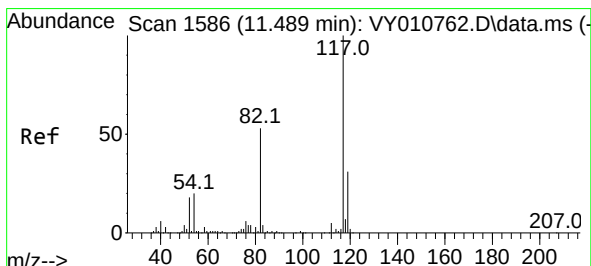
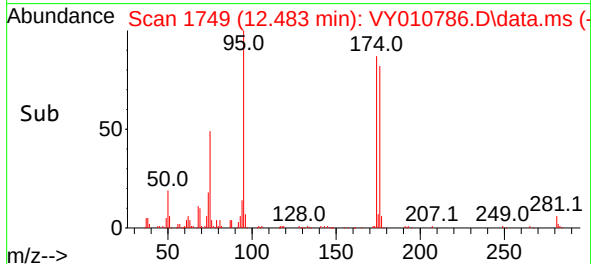
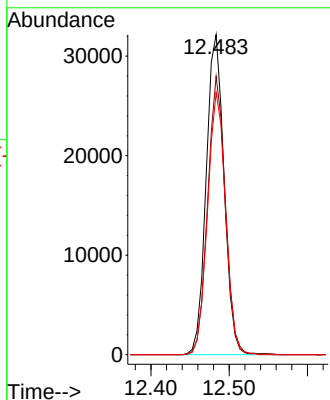
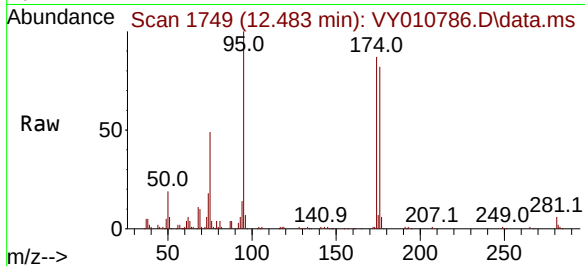




#62
4-Bromofluorobenzene
Concen: 46.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

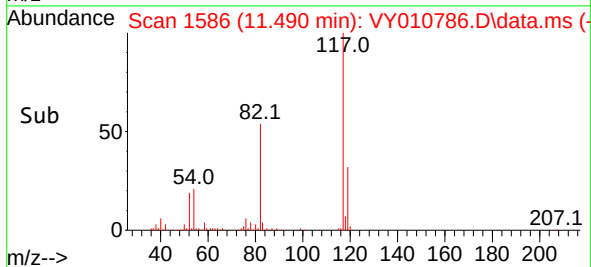
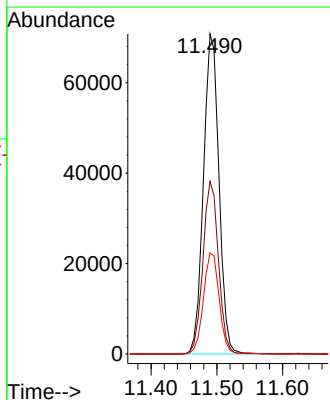
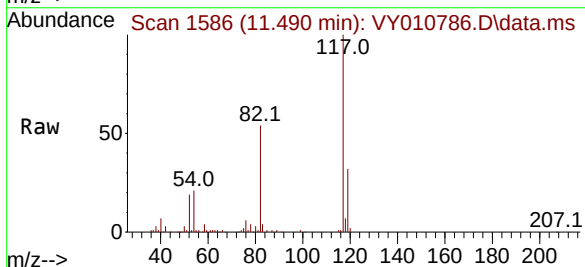
Instrument :
MSVOA_Y
ClientSampleId :

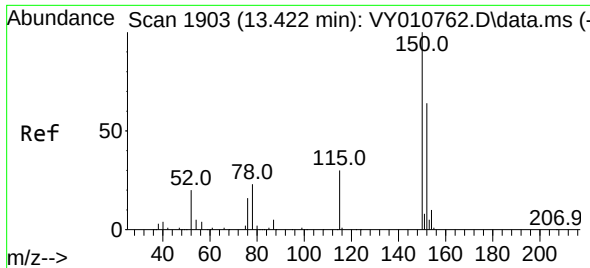
Tgt Ion: 95 Resp: 50843
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 82.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

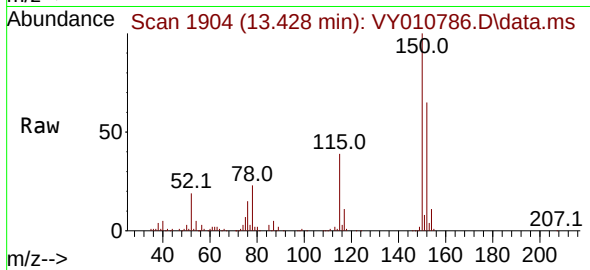
Tgt Ion: 117 Resp: 116096
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.5 25.4 38.0



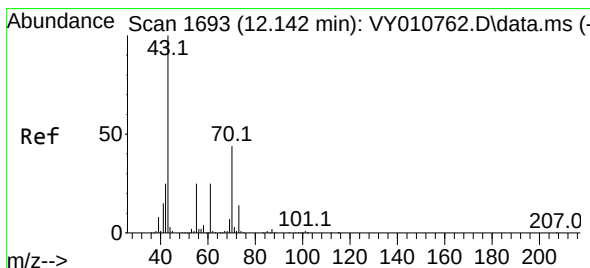
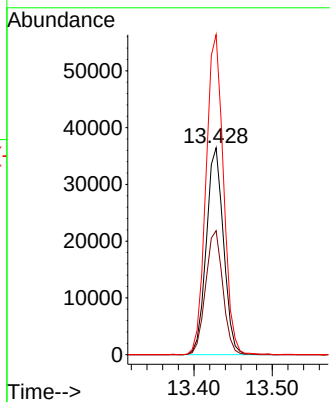
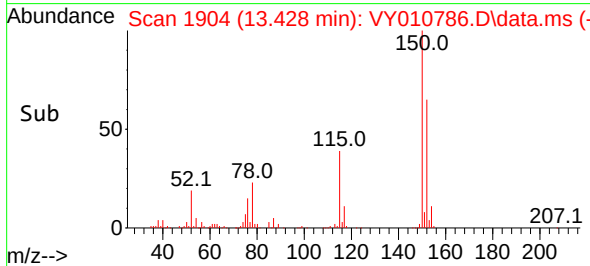


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY010786.D
 Acq: 04 Oct 2022 11:46

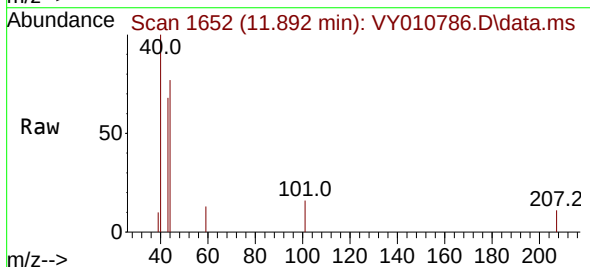
Instrument :
 MSVOA_Y
 ClientSampleId :



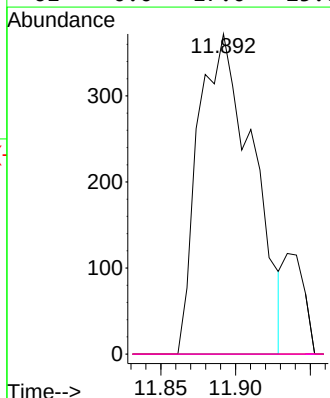
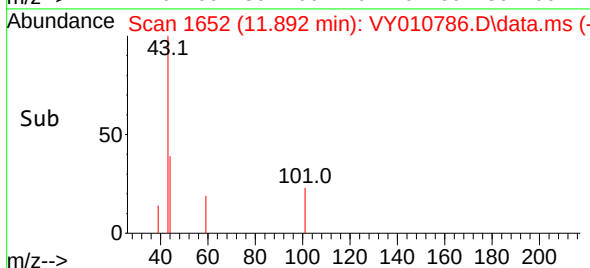
Tgt Ion:152 Resp: 55465
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.2 84.7
 150 157.3 0.0 347.6

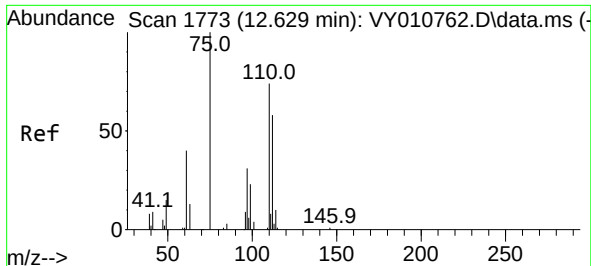


#74
 N-ethyl acetate
 Concen: 1.008 ug/l
 RT: 11.892 min Scan# 1652
 Delta R.T. -0.250 min
 Lab File: VY010786.D
 Acq: 04 Oct 2022 11:46



Tgt Ion: 43 Resp: 945
 Ion Ratio Lower Upper
 43 100
 70 0.0 28.7 43.1#
 55 0.0 17.3 25.9#
 61 0.0 17.0 25.6#

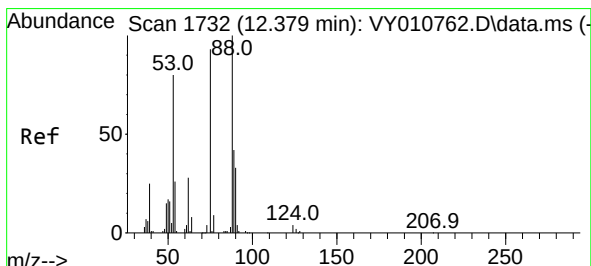
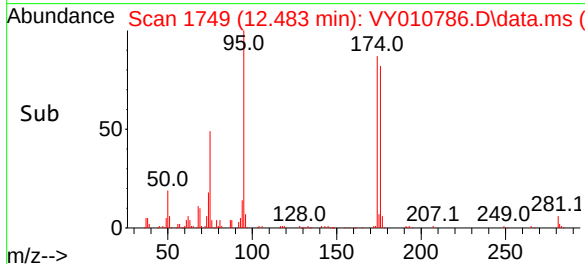
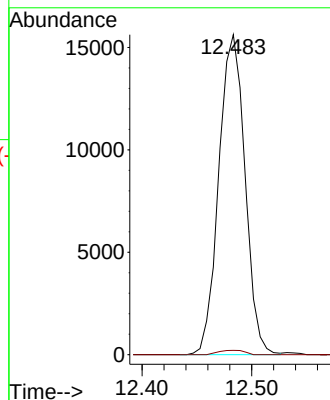
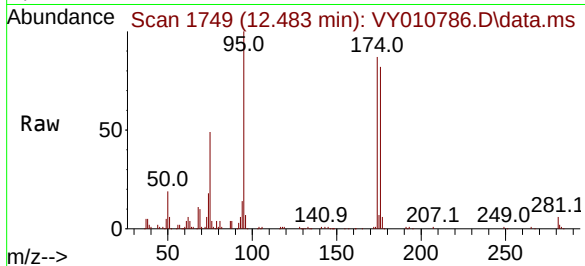




#76
1,2,3-Trichloropropane
Concen: 46.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 25936
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Tgt Ion: 75 Resp: 25936
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

