

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010895.D
 Acq On : 10 Oct 2022 17:04
 Operator : KP/MD
 Sample : N5080-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 09:45:25 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)

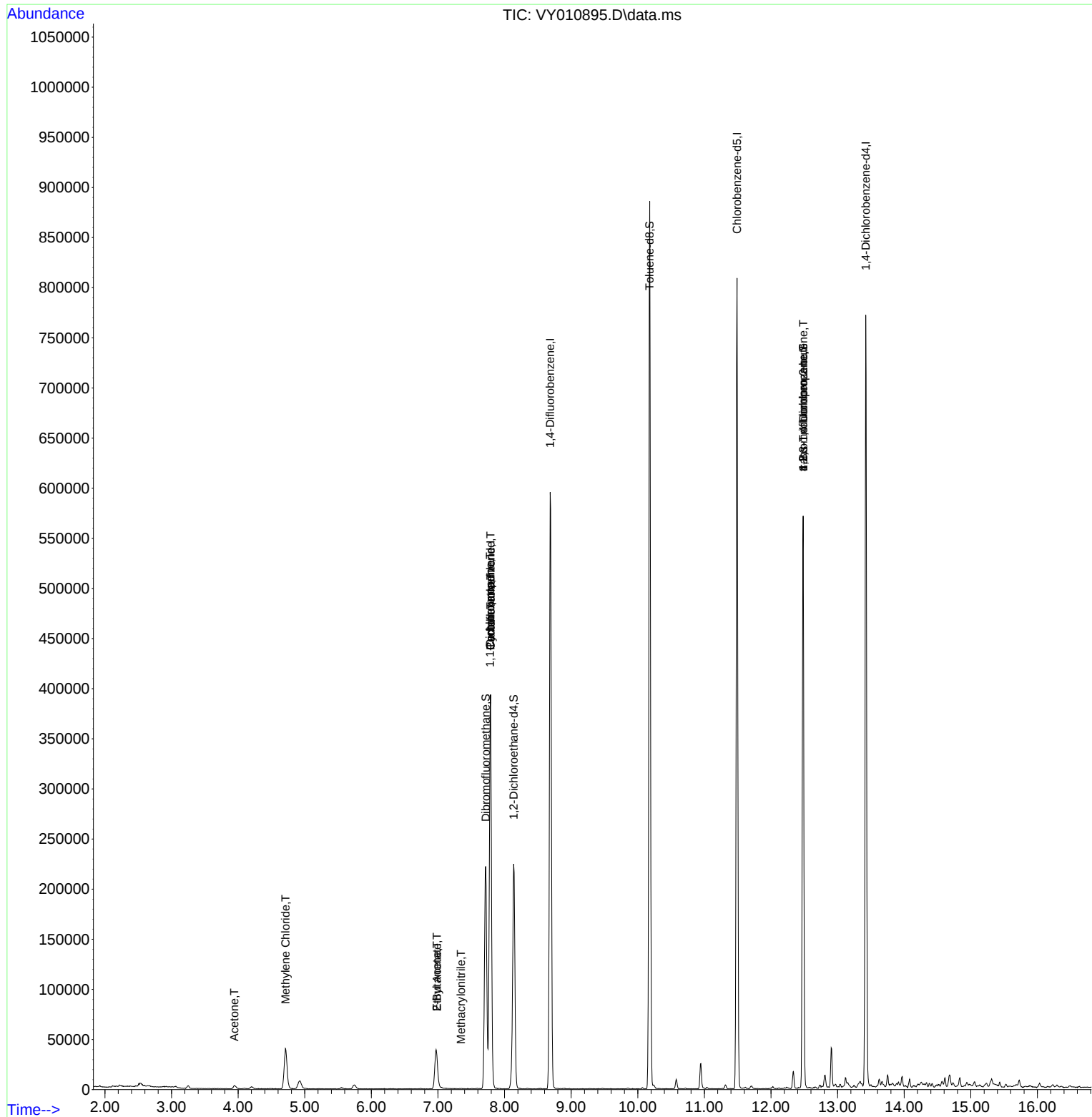
Internal Standards						
1) Pentafluorobenzene	7.789	168	300646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	521413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	438923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	168037	55.141	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.280%			
35) Dibromofluoromethane	7.716	113	161183	46.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.140%			
50) Toluene-d8	10.179	98	570760	48.219	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.483	95	174800	36.830	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 73.660%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	8486	Below Cal	#	77
16) Acetone	3.942	43	6122	7.910	ug/l	92
20) Methylene Chloride	4.710	84	30173	4.105	ug/l	85
25) 2-Butanone	6.984	43	3216	2.890	ug/l #	79
31) Cyclohexane	7.789	56	6169	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23236	4.650	ug/l #	50
37) Ethyl Acetate	6.984	43	3216	1.312	ug/l #	10
38) Carbon Tetrachloride	7.789	117	30049	5.774	ug/l #	16
41) Methacrylonitrile	7.344	41	72	2.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	89499	45.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89499	95.214	ug/l #	7

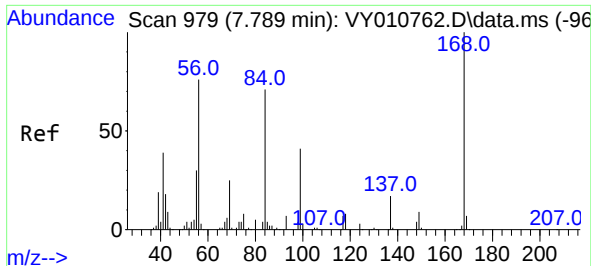
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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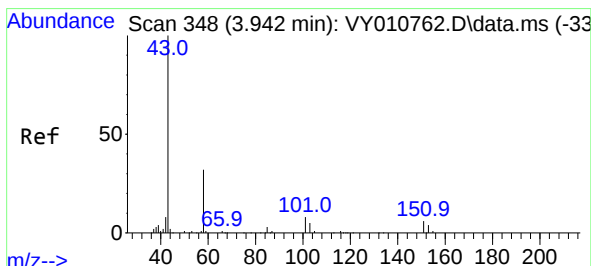
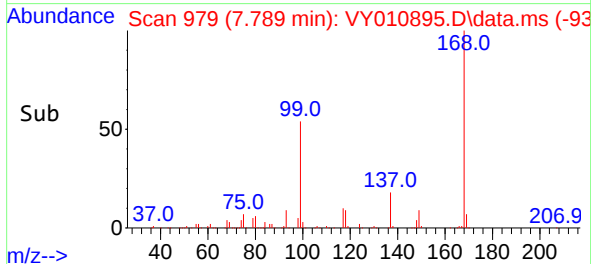
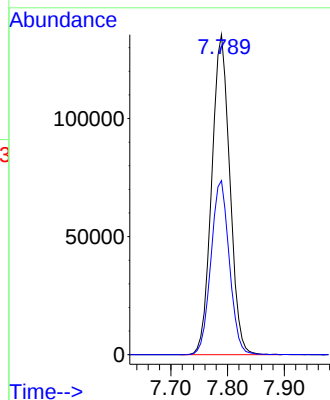
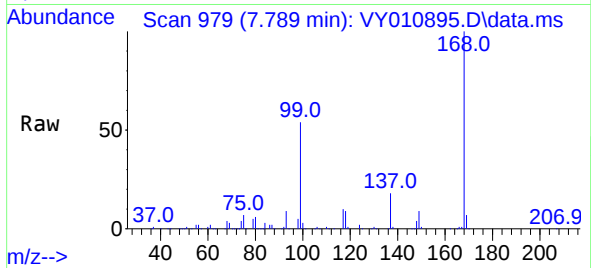




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

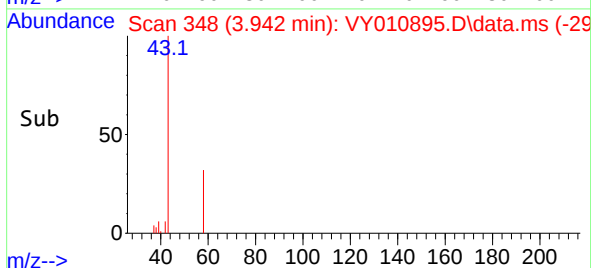
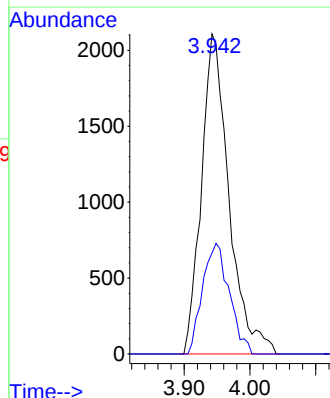
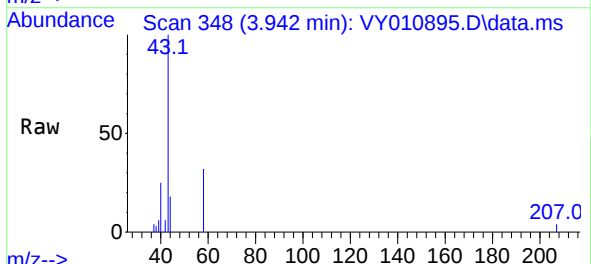
Instrument :
MSVOA_Y
ClientSampleId :

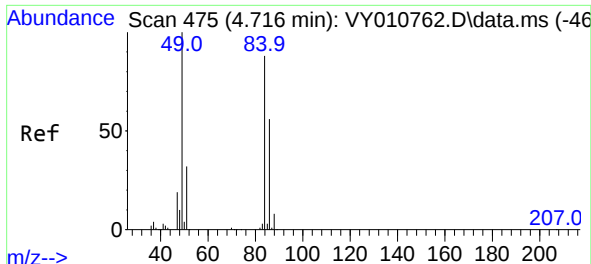
Tgt Ion:168 Resp: 300646
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 7.910 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

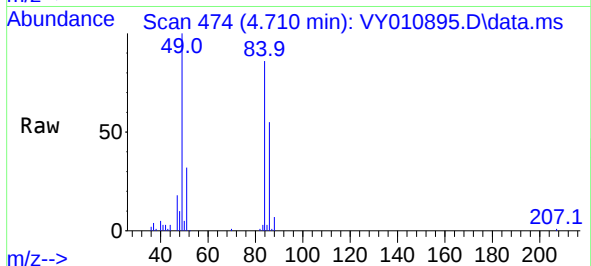
Tgt Ion: 43 Resp: 6122
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0





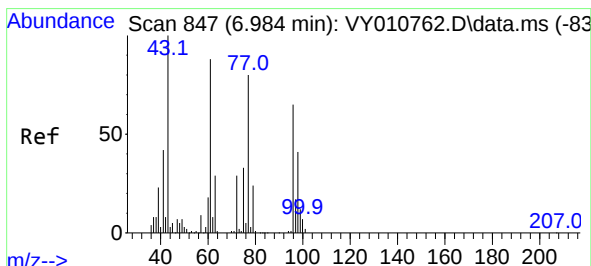
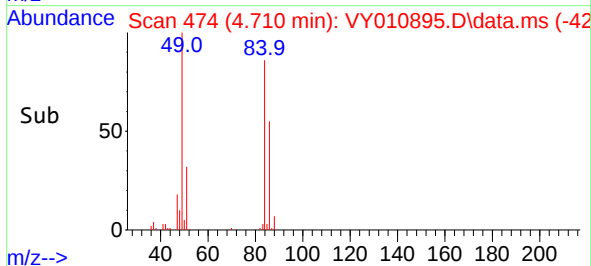
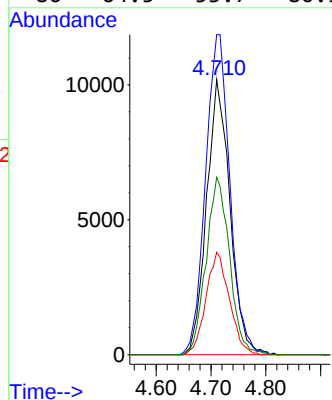
#20
Methylene Chloride
Concen: 4.105 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 30173

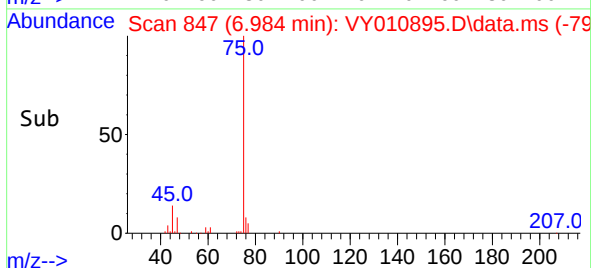
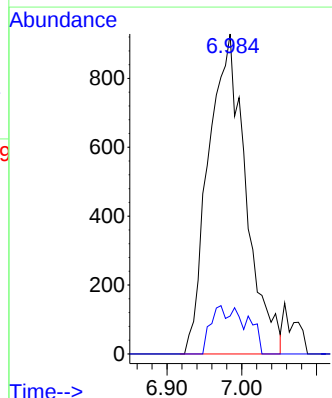
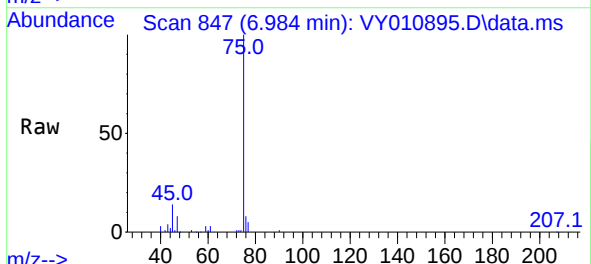
Ion	Ratio	Lower	Upper
84	100		
49	116.3	114.4	171.6
51	37.2	35.3	52.9
86	64.5	53.7	80.5

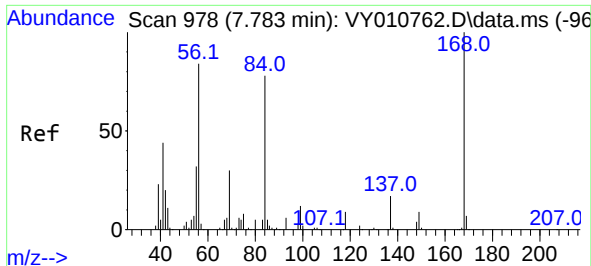


#25
2-Butanone
Concen: 2.890 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 43 Resp: 3216

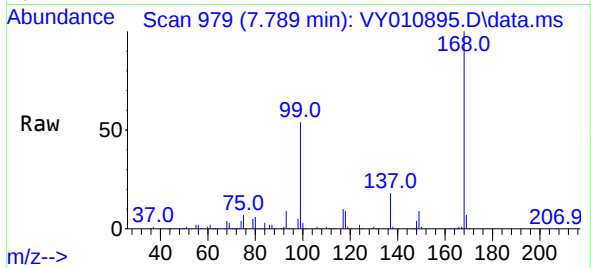
Ion	Ratio	Lower	Upper
43	100		
72	11.8	17.7	26.5#



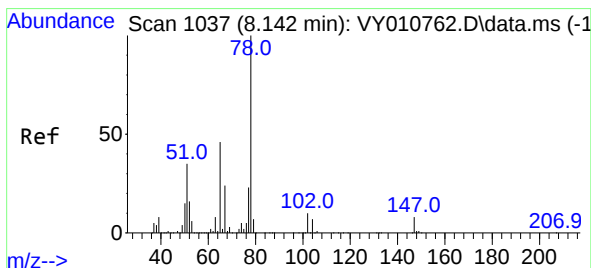
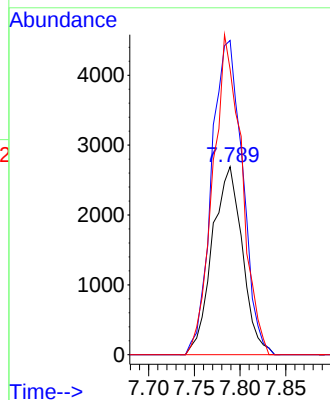
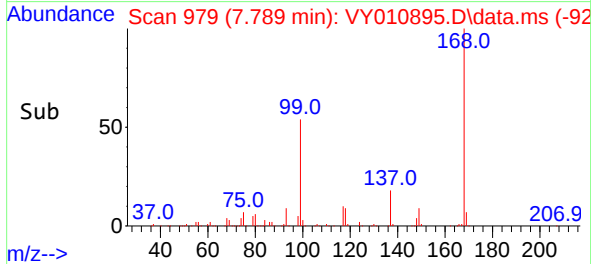


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

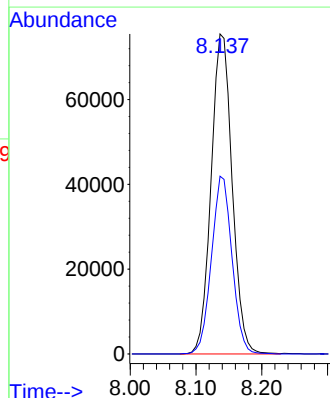
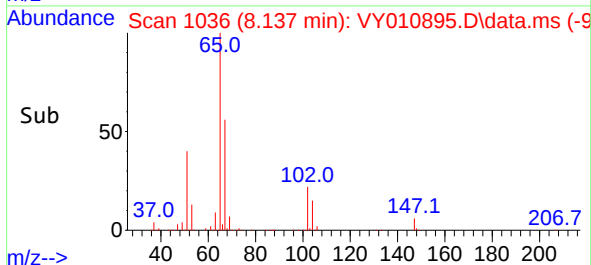
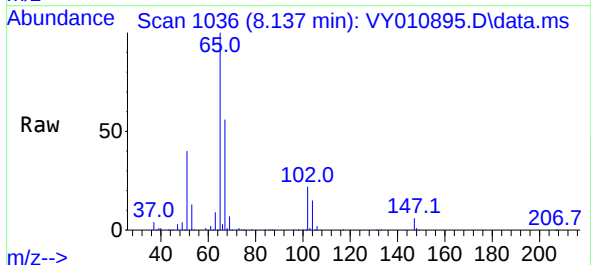


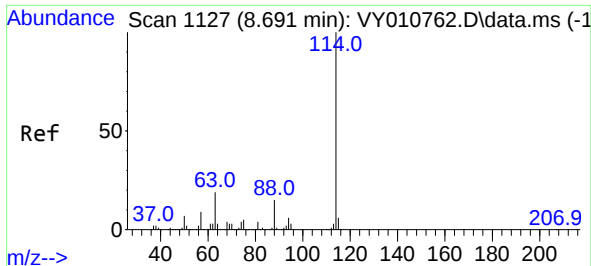
Tgt Ion: 56 Resp: 6169
Ion Ratio Lower Upper
56 100
69 167.1 26.7 40.1#
84 151.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.141 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 65 Resp: 168037
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010895.D

Acq: 10 Oct 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

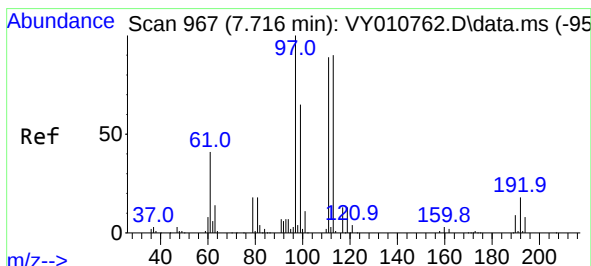
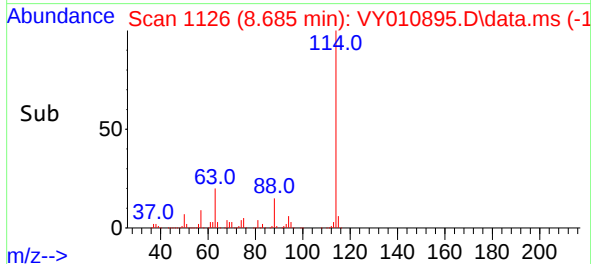
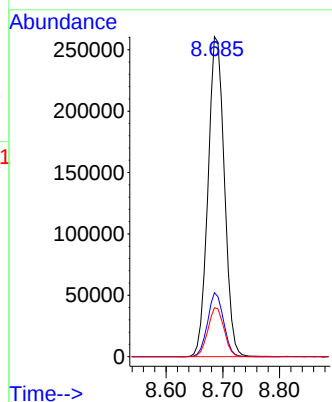
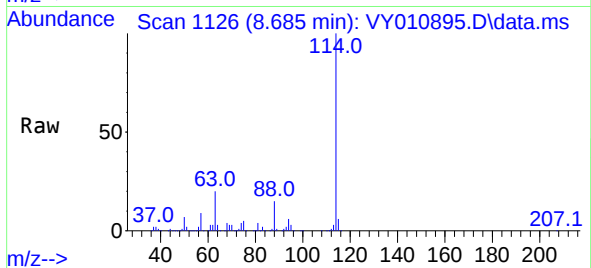
Tgt Ion:114 Resp: 521413

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.569 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010895.D

Acq: 10 Oct 2022 17:04

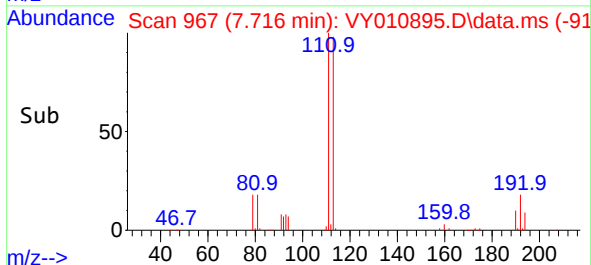
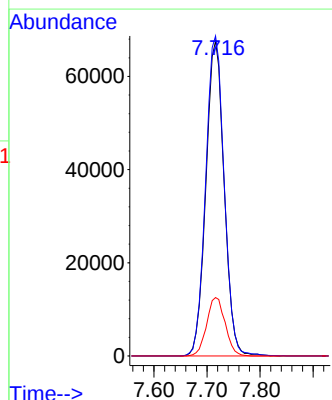
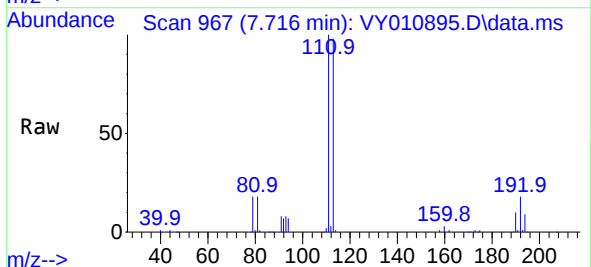
Tgt Ion:113 Resp: 161183

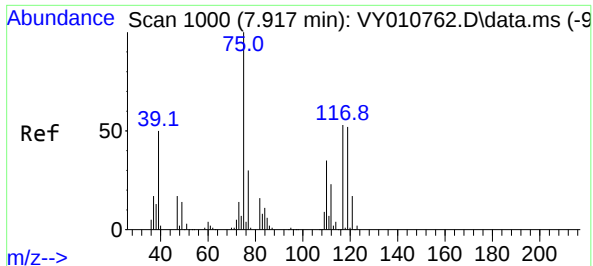
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.650 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

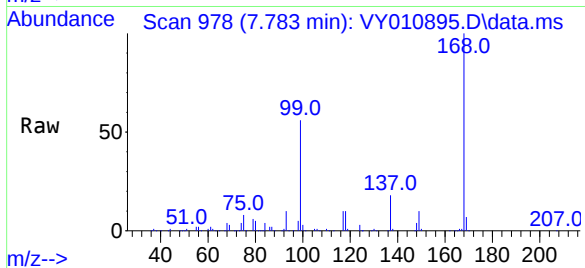
Lab File: VY010895.D

Acq: 10 Oct 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :



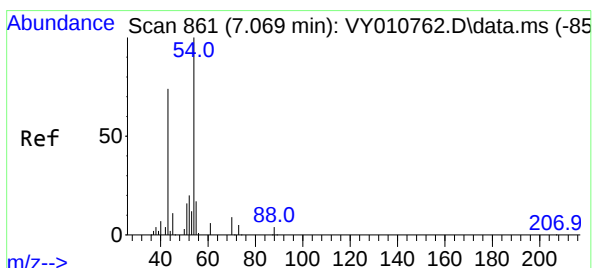
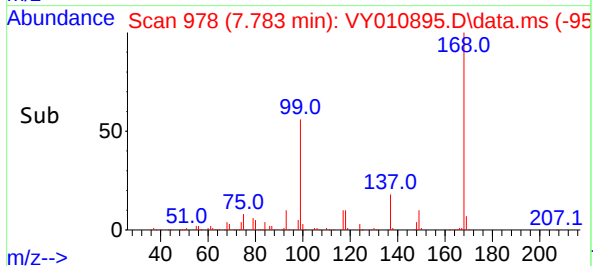
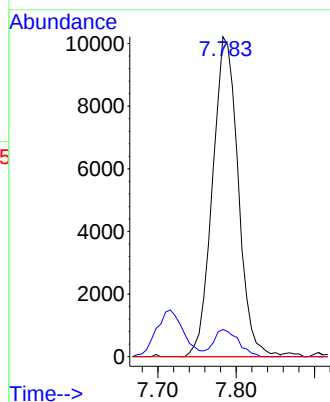
Tgt Ion: 75 Resp: 23236

Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.312 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY010895.D

Acq: 10 Oct 2022 17:04

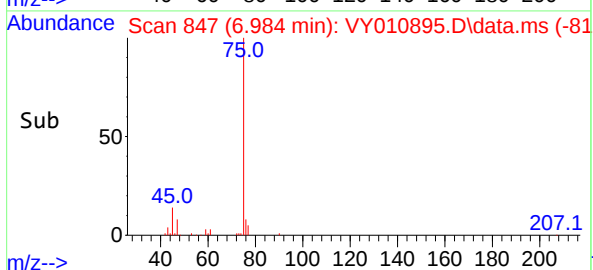
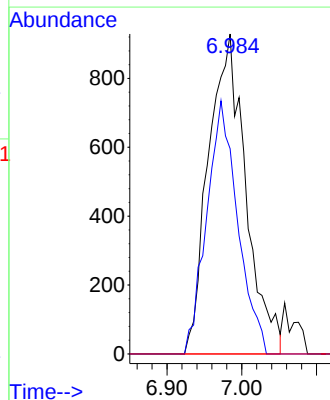
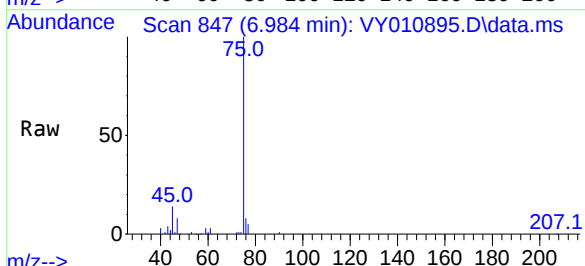
Tgt Ion: 43 Resp: 3216

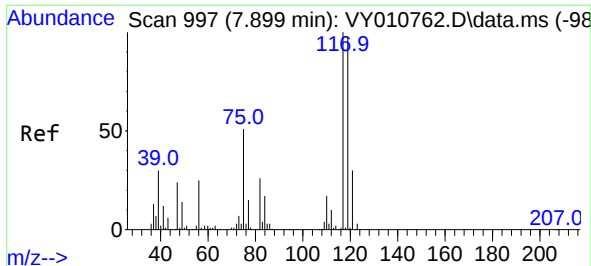
Ion Ratio Lower Upper

43 100

61 65.8 9.7 14.5#

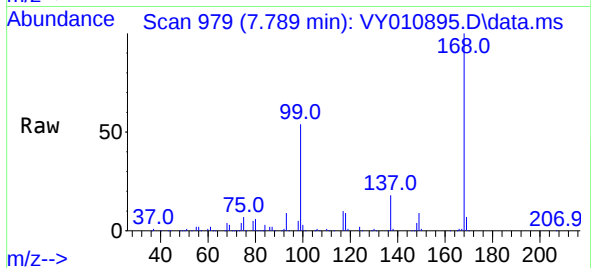
70 0.0 7.1 10.7#



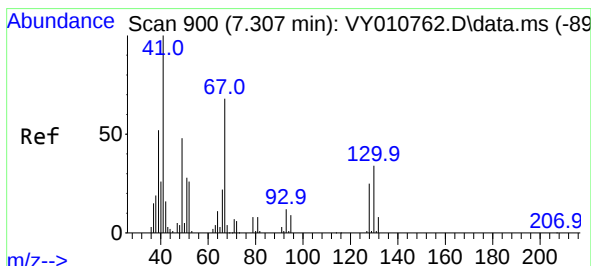
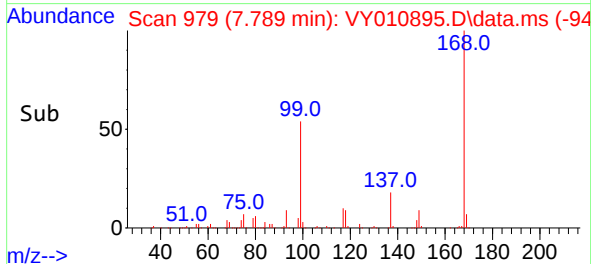
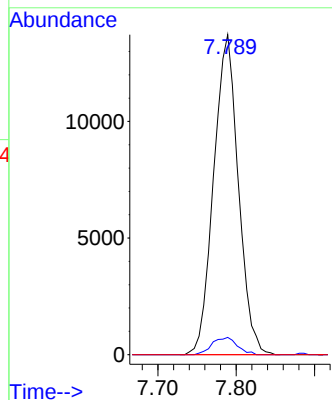


#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

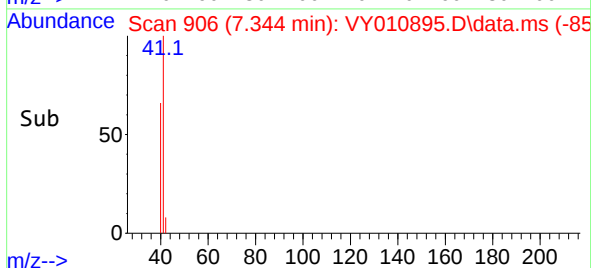
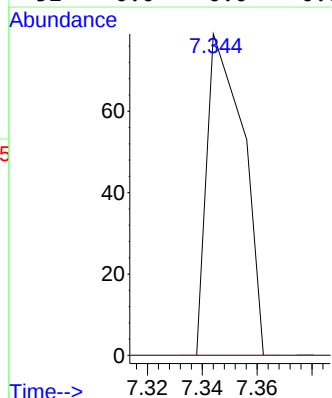
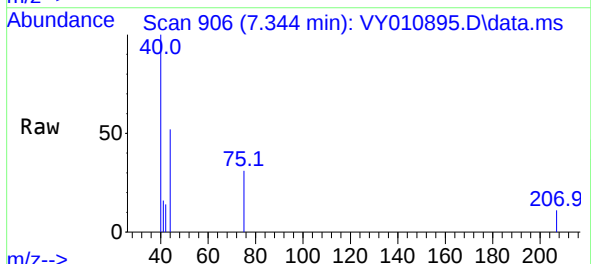


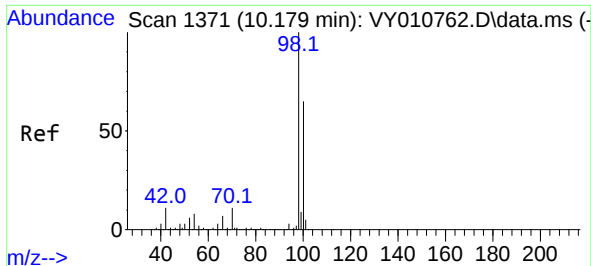
Tgt Ion:117 Resp: 30049
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.629 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 41 Resp: 72
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

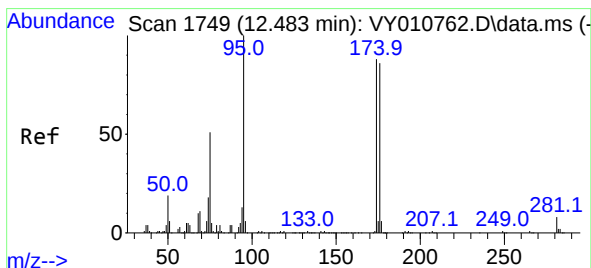
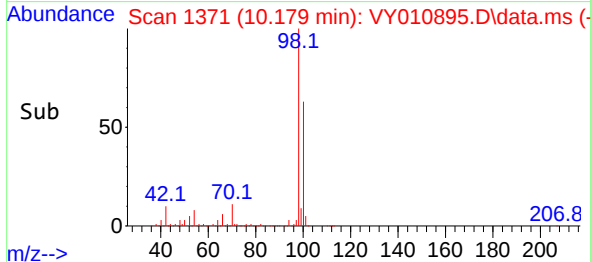
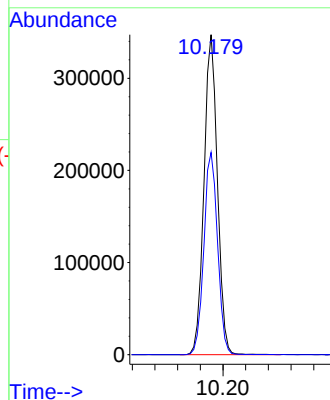
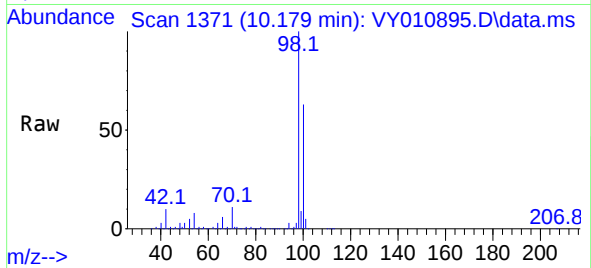




#50
Toluene-d8
Concen: 48.219 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

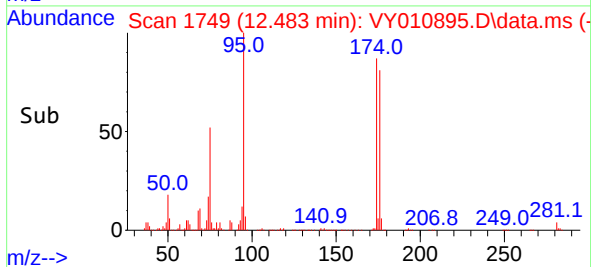
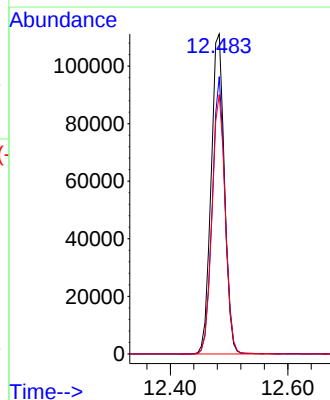
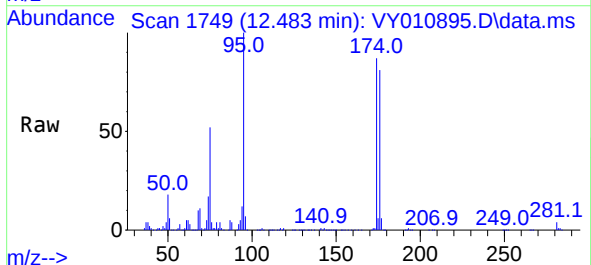
Instrument :
MSVOA_Y
ClientSampleId :

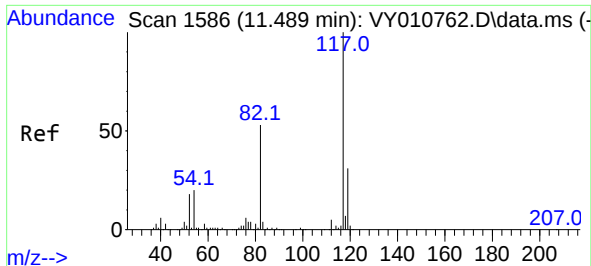
Tgt Ion: 98 Resp: 570760
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

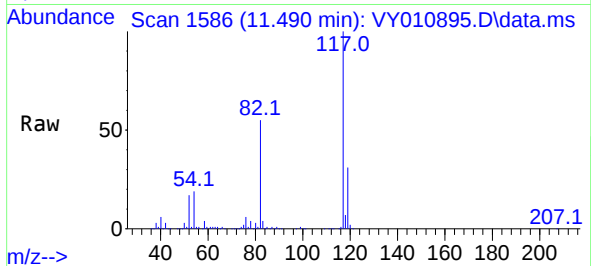
Tgt Ion: 95 Resp: 174800
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.0 0.0 175.8



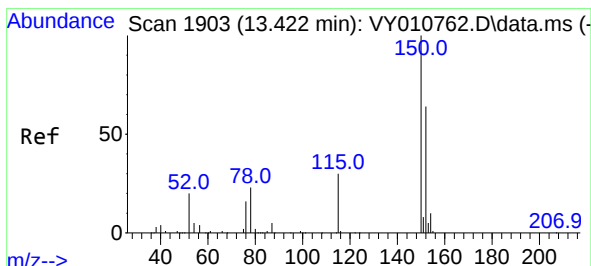
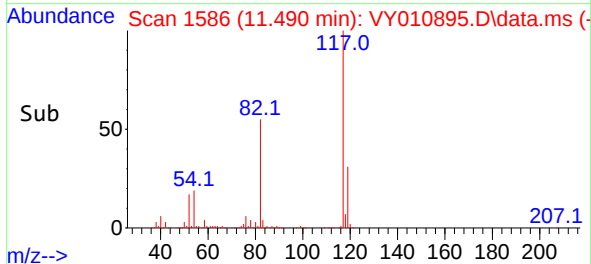
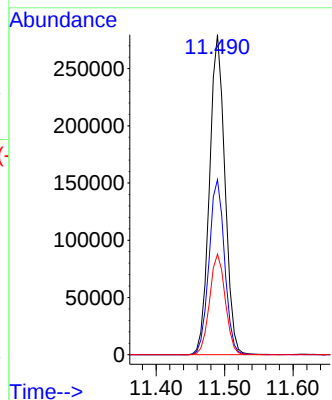


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

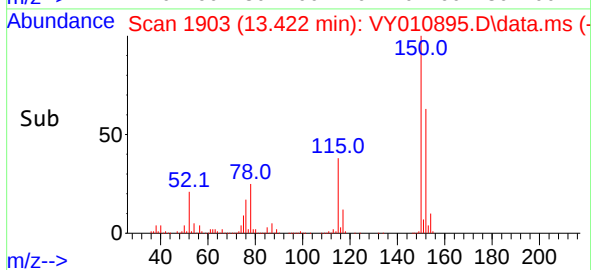
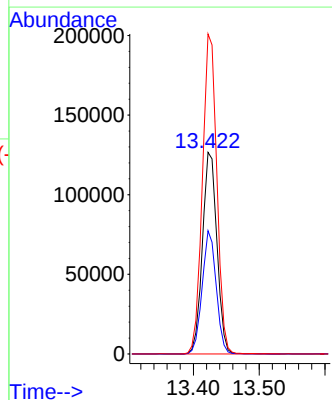
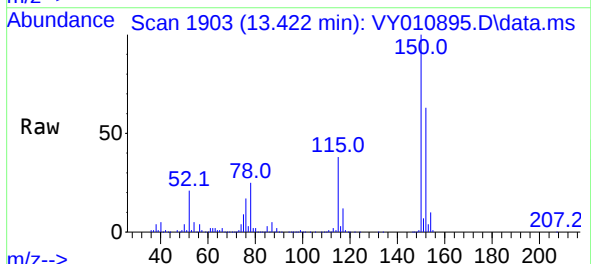


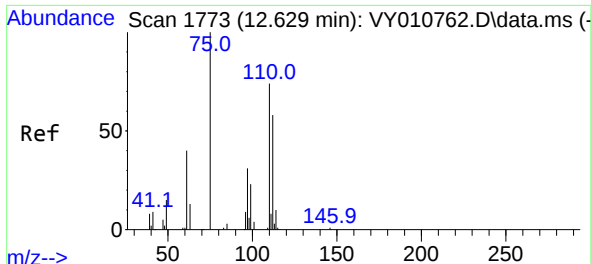
Tgt Ion:117 Resp: 438923
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Tgt Ion:152 Resp: 193892
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 158.0 0.0 347.6

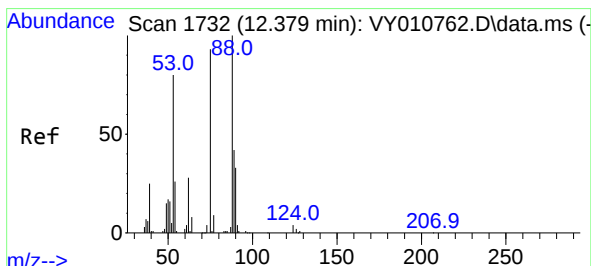
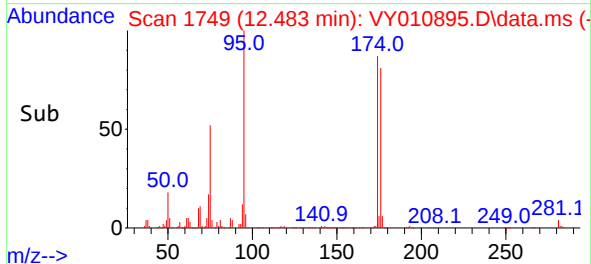
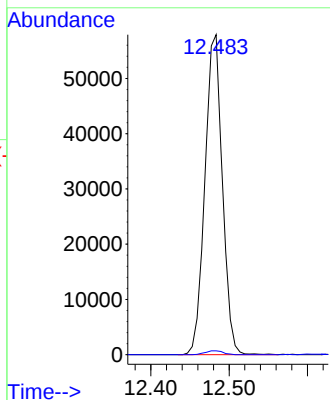
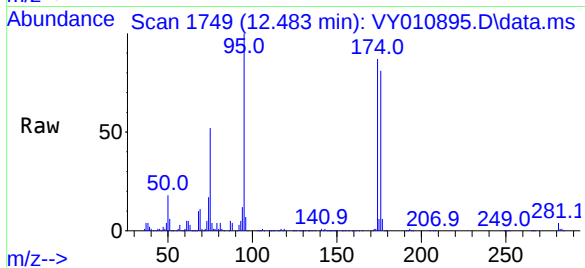




#76
1,2,3-Trichloropropane
Concen: 45.581 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 89499
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010895.D
Acq: 10 Oct 2022 17:04

Tgt Ion: 75 Resp: 89499
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

