

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007958.D
 Acq On : 21 Mar 2022 16:35
 Operator : SY/MD
 Sample : N1958-05RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-5-4-5RE

Quant Time: Mar 22 03:40:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

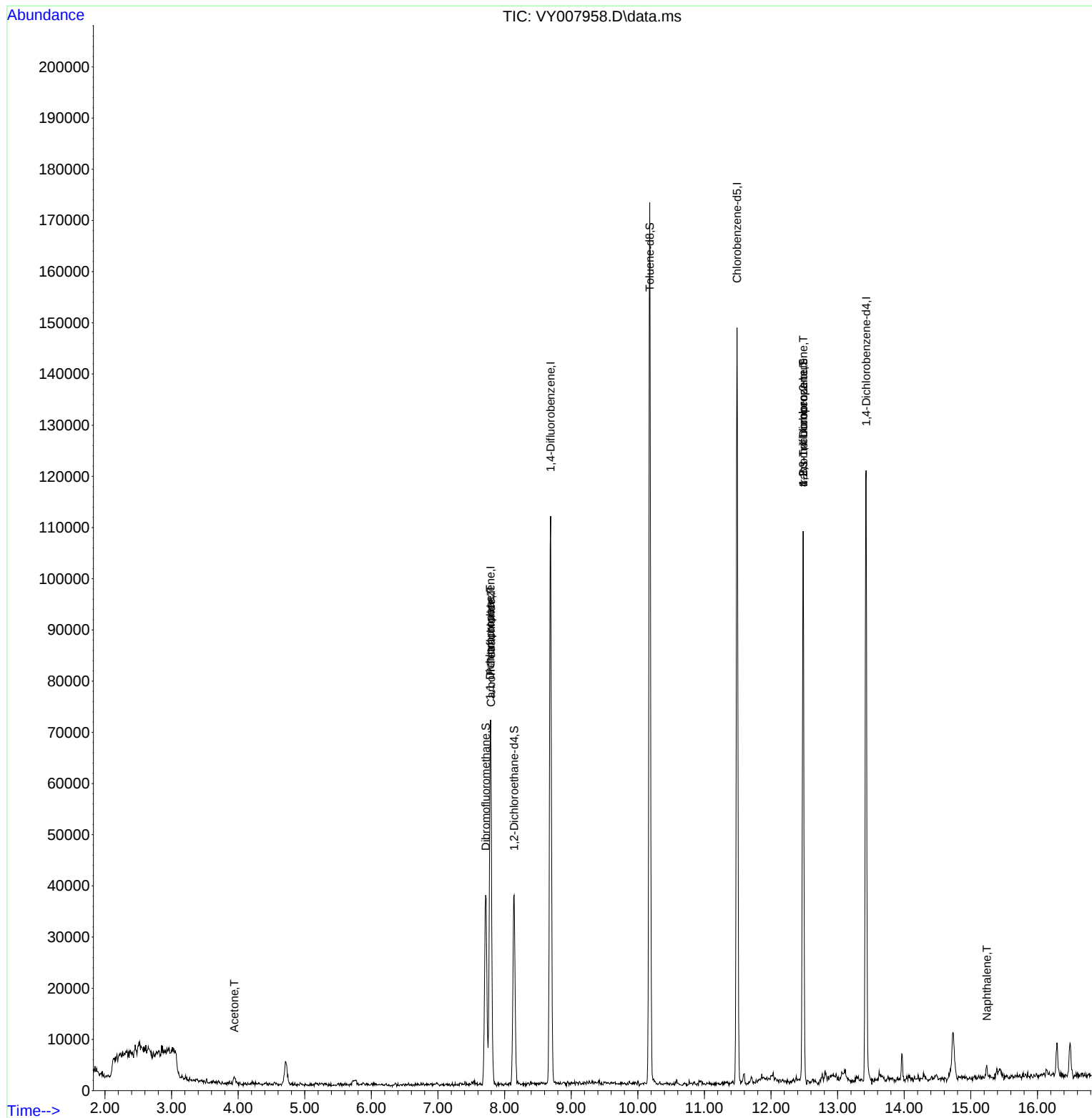
Internal Standards						
1) Pentafluorobenzene	7.789	168	52632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	77471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28831	48.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.080%		
35) Dibromofluoromethane	7.716	113	27288	41.346	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.700%		
50) Toluene-d8	10.179	98	112769	57.468	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	114.940%		
62) 4-Bromofluorobenzene	12.483	95	34010	35.906	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	71.820%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	271	Below Cal	#	44
4) Vinyl Chloride	2.259	62	123	Below Cal	#	43
5) Bromomethane	2.674	94	558	Below Cal		89
16) Acetone	3.942	43	2493	15.660	ug/l #	77
18) Methyl Acetate	4.479	43	237	Below Cal	#	79
31) Cyclohexane	7.783	56	1351	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	4503	4.600	ug/l #	51
38) Carbon Tetrachloride	7.795	117	5513	5.271	ug/l #	11
39) Methylcyclohexane	9.203	83	34	Below Cal	#	16
76) 1,2,3-Trichloropropane	12.483	75	18027	42.809	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18027	89.917	ug/l #	7
95) Naphthalene	15.239	128	2073	1.408	ug/l	98

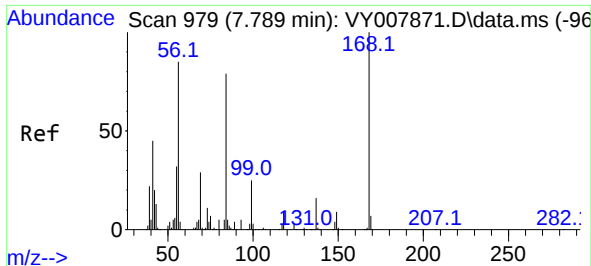
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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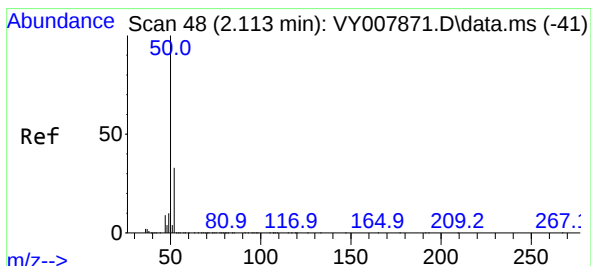
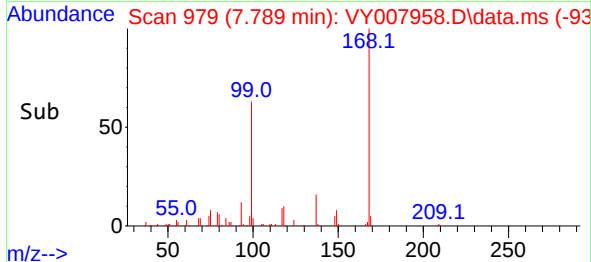
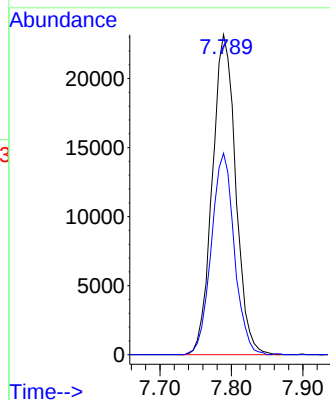
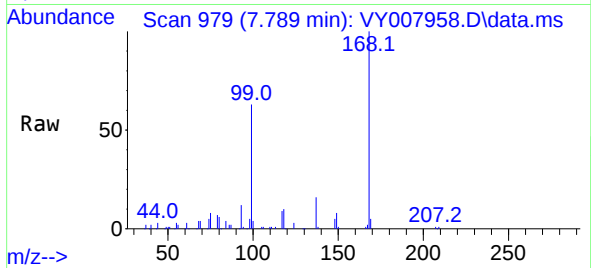




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

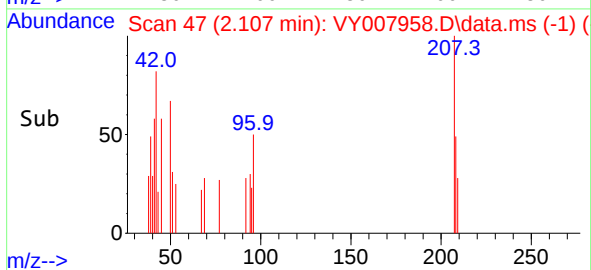
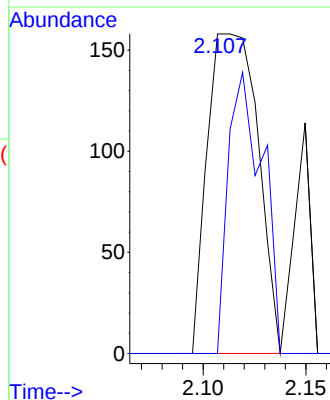
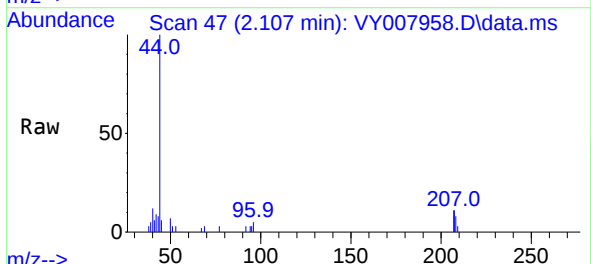
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

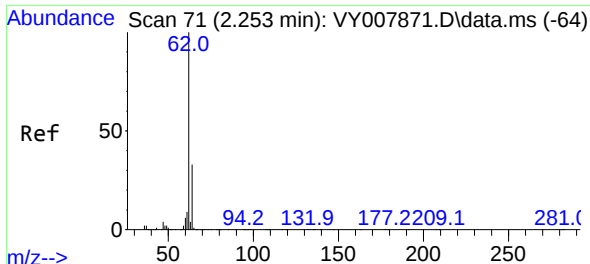
Tgt Ion:168 Resp: 52632
Ion Ratio Lower Upper
168 100
99 63.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

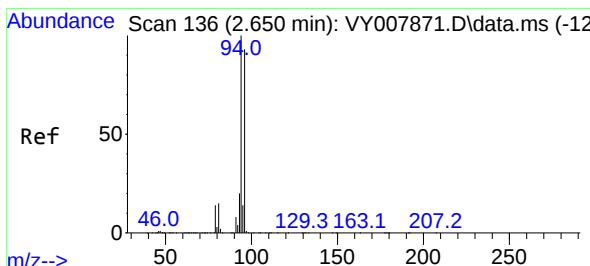
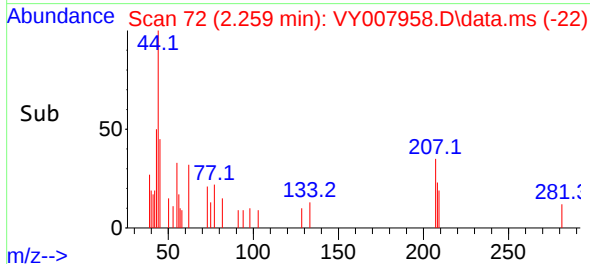
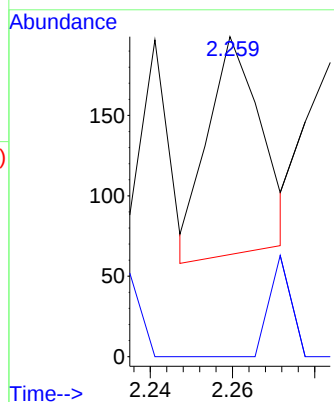
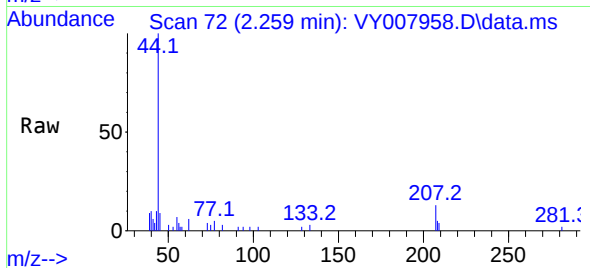




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.259 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY007958.D
 Acq: 21 Mar 2022 16:35

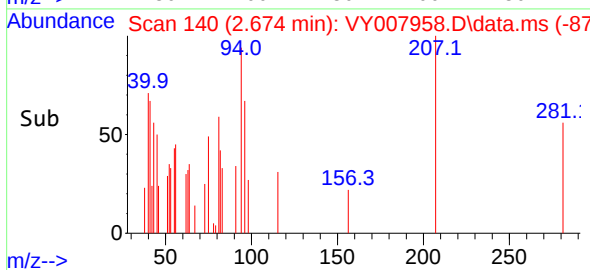
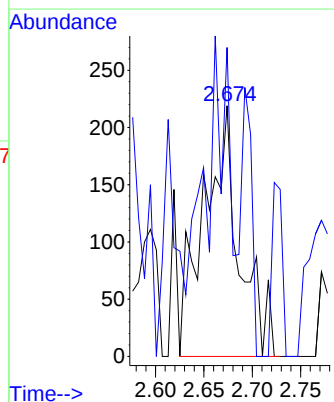
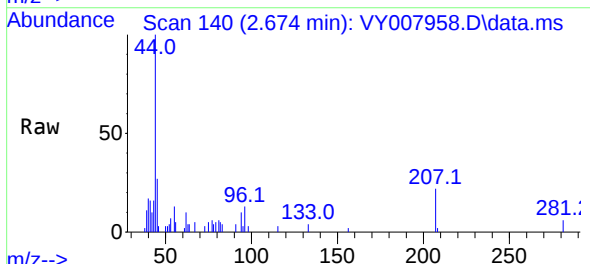
Instrument :
 MSVOA_Y
 ClientSampleId :
 C-5-4-5RE

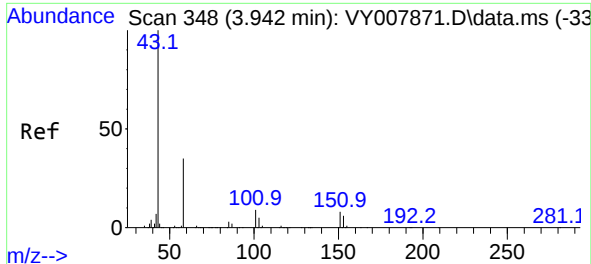
Tgt Ion: 62 Resp: 123
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.674 min Scan# 140
 Delta R.T. 0.024 min
 Lab File: VY007958.D
 Acq: 21 Mar 2022 16:35

Tgt Ion: 94 Resp: 558
 Ion Ratio Lower Upper
 94 100
 96 81.3 73.5 110.3





#16

Acetone

Concen: 15.660 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY007958.D

Acq: 21 Mar 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

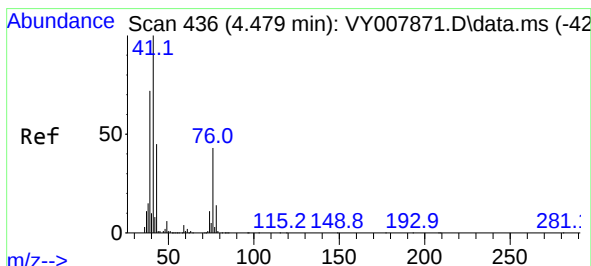
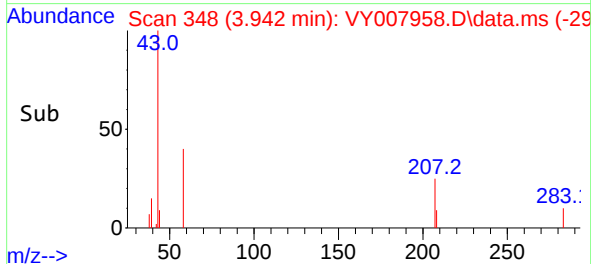
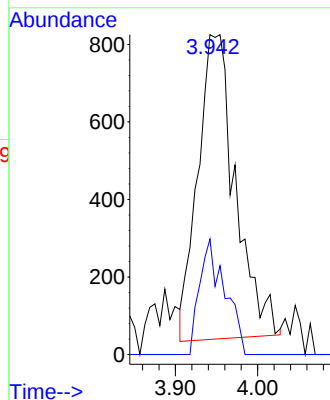
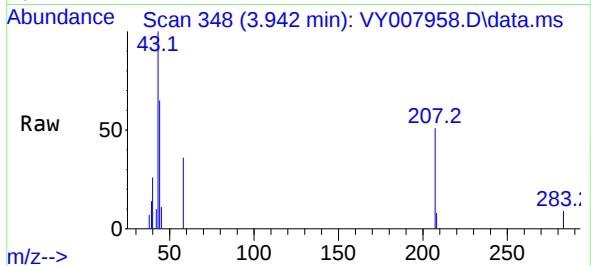
C-5-4-5RE

Tgt Ion: 43 Resp: 2493

Ion Ratio Lower Upper

43 100

58 39.3 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY007958.D

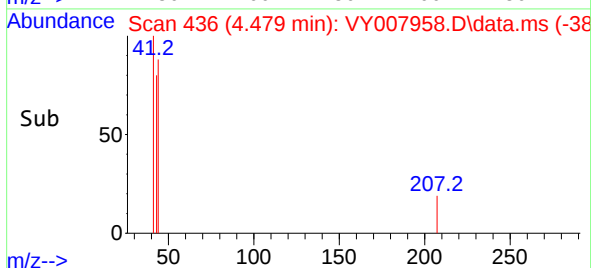
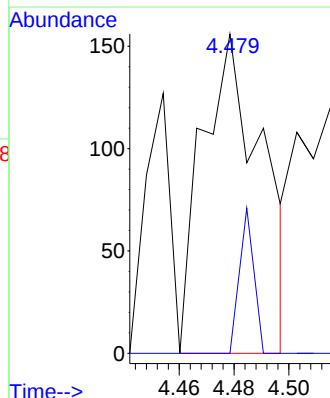
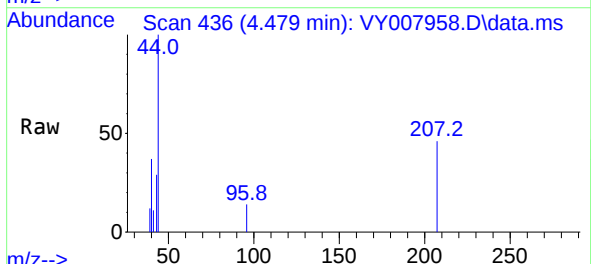
Acq: 21 Mar 2022 16:35

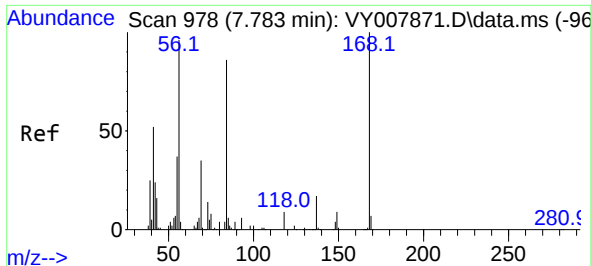
Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

74 11.0 16.6 24.8#

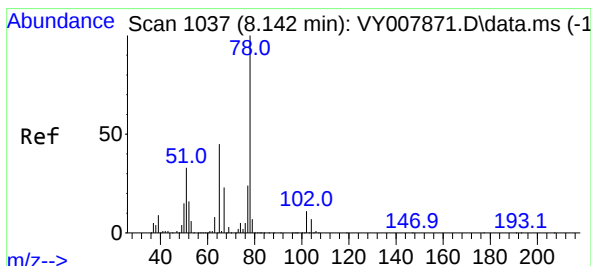
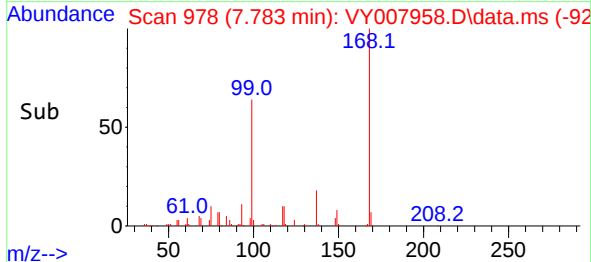
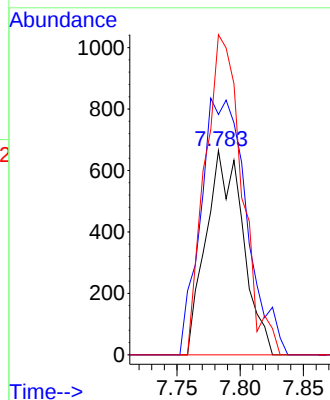
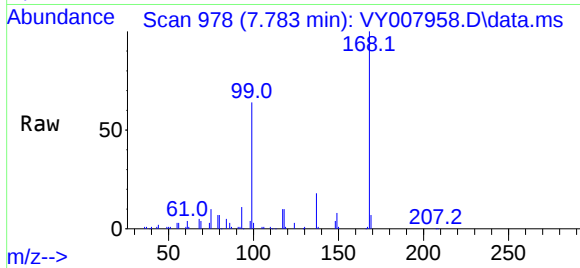




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

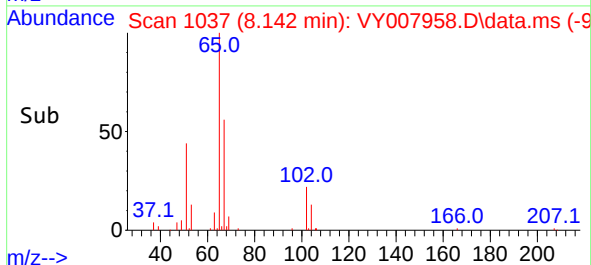
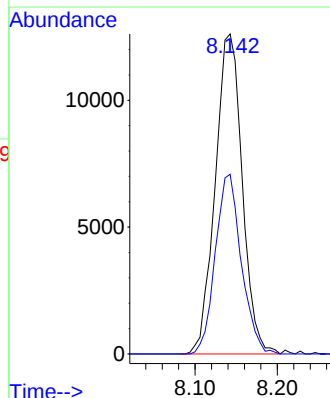
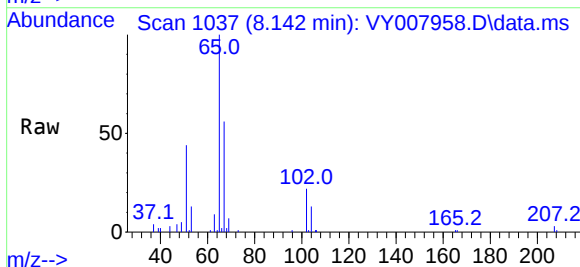
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

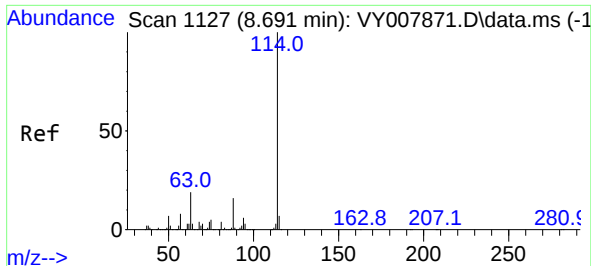
Tgt Ion: 56 Resp: 1351
Ion Ratio Lower Upper
56 100
69 117.6 26.7 40.1#
84 156.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.043 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 65 Resp: 28831
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007958.D

Acq: 21 Mar 2022 16:35

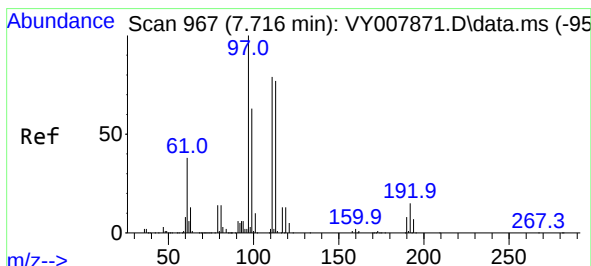
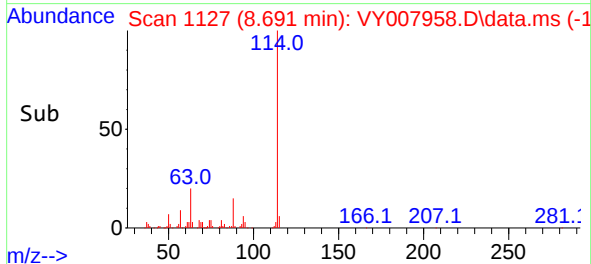
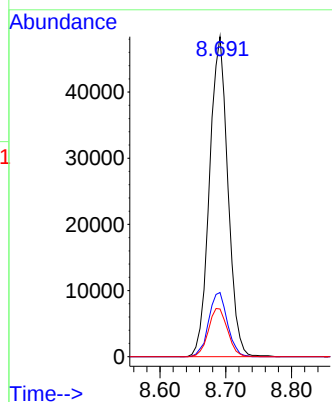
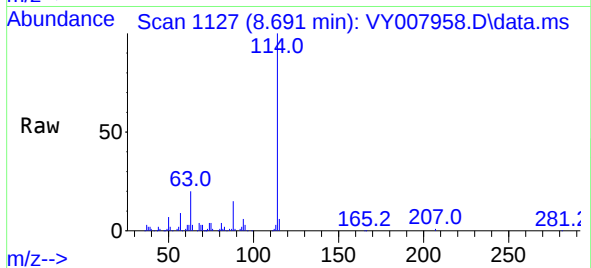
Instrument :

MSVOA_Y

ClientSampleId :

C-5-4-5RE

Tgt Ion:	114	Resp:	93976
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	14.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 41.346 ug/l

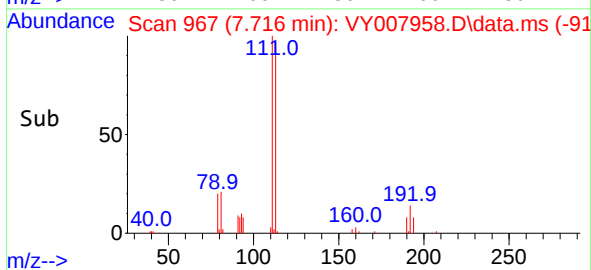
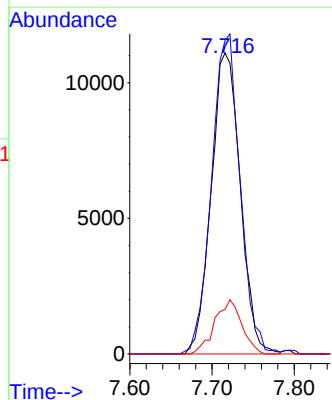
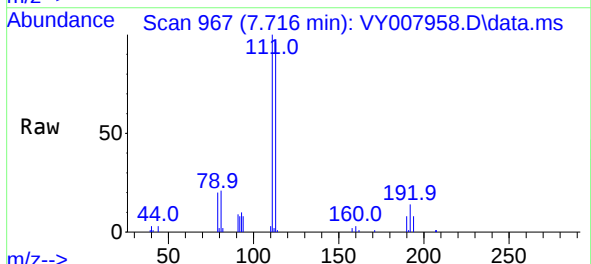
RT: 7.716 min Scan# 967

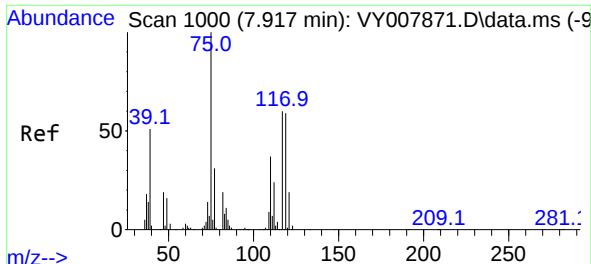
Delta R.T. -0.000 min

Lab File: VY007958.D

Acq: 21 Mar 2022 16:35

Tgt Ion:	113	Resp:	27288
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	124.0
192	16.7	17.6	26.4

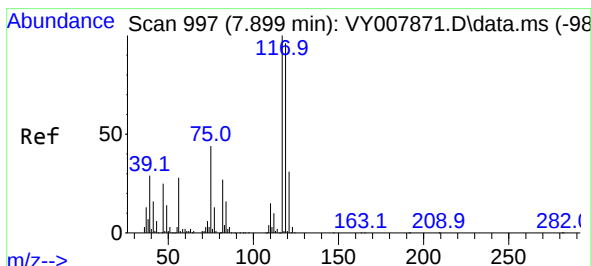
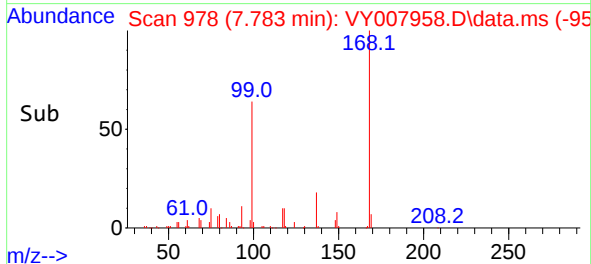
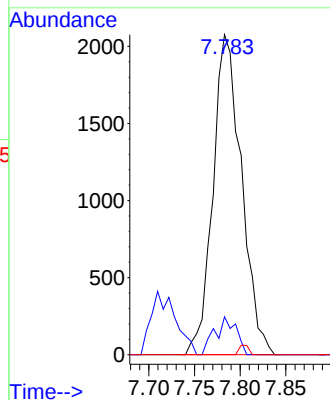
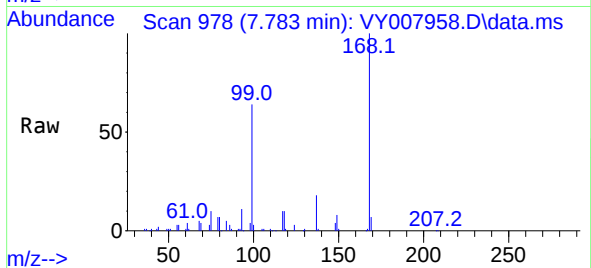




#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

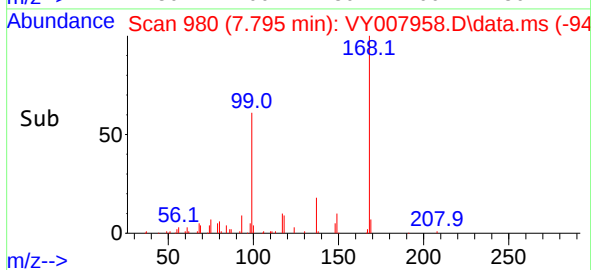
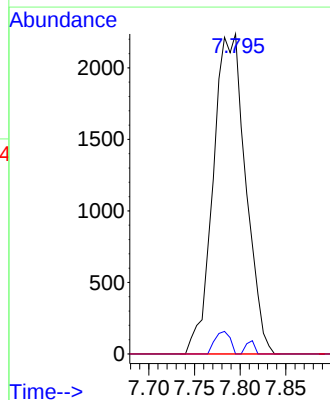
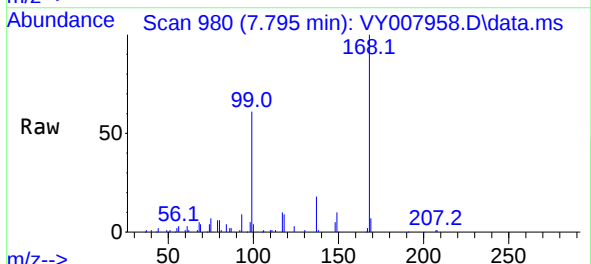
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

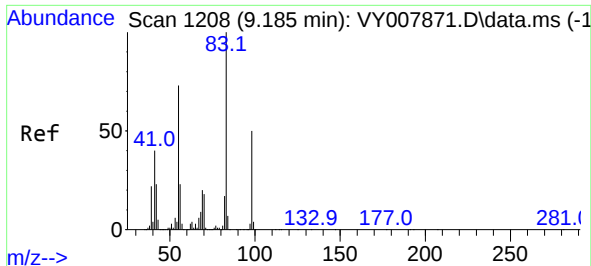
Tgt Ion: 75 Resp: 4503
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 1.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.271 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 117 Resp: 5513
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.203 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY007958.D

Acq: 21 Mar 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

C-5-4-5RE

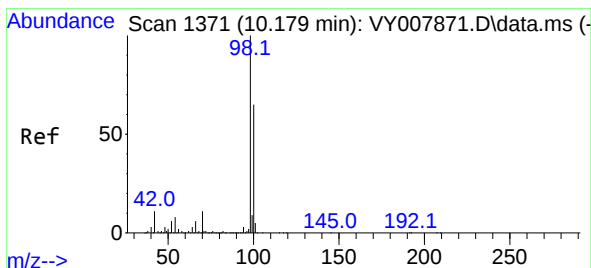
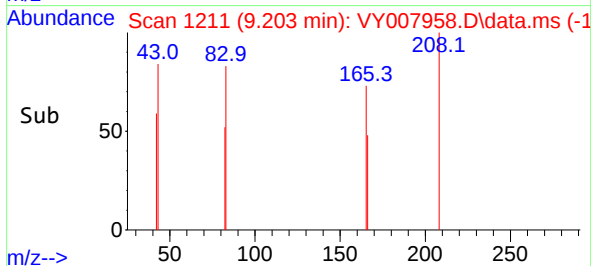
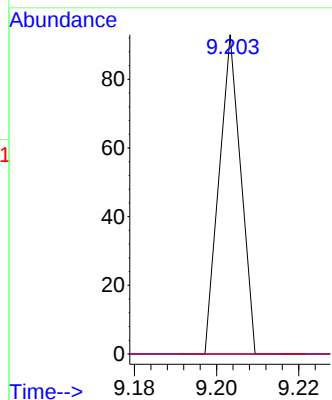
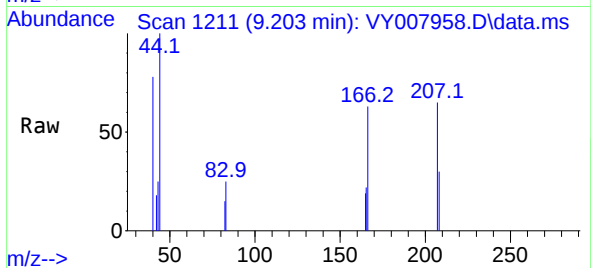
Tgt Ion: 83 Resp: 34

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

98 0.0 37.9 56.9#



#50

Toluene-d8

Concen: 57.468 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007958.D

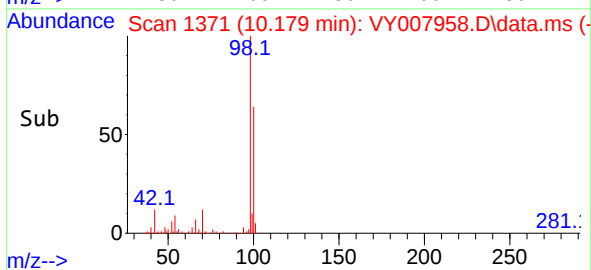
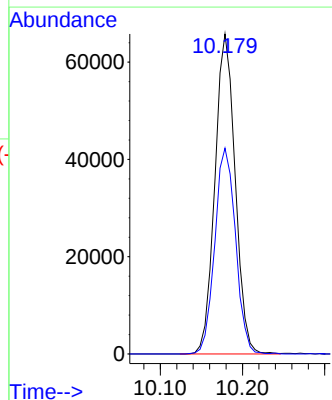
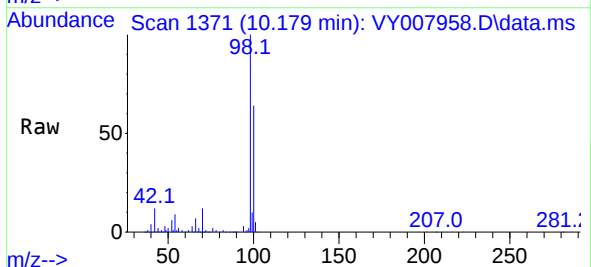
Acq: 21 Mar 2022 16:35

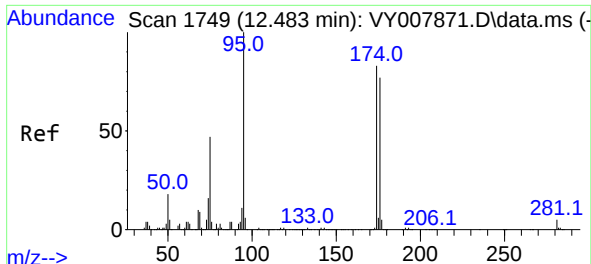
Tgt Ion: 98 Resp: 112769

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

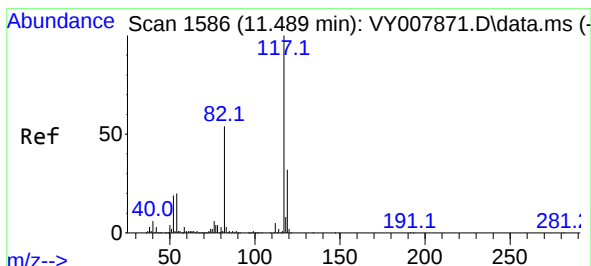
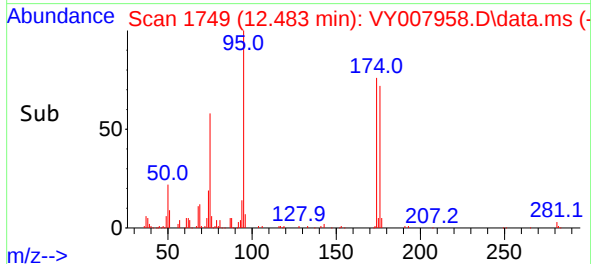
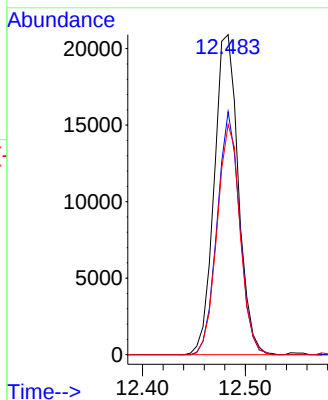
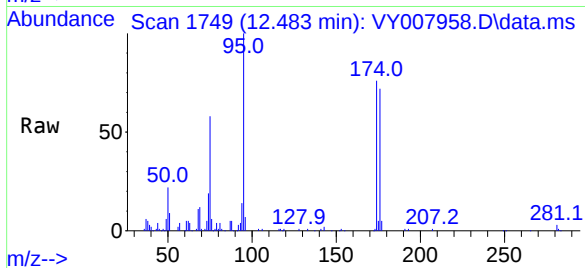




#62
4-Bromofluorobenzene
Concen: 35.906 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

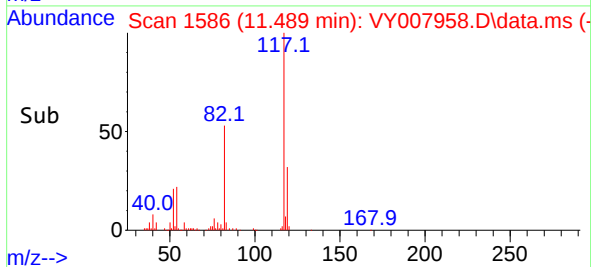
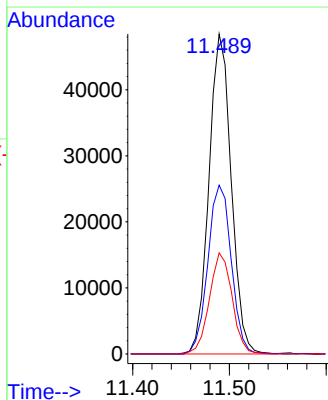
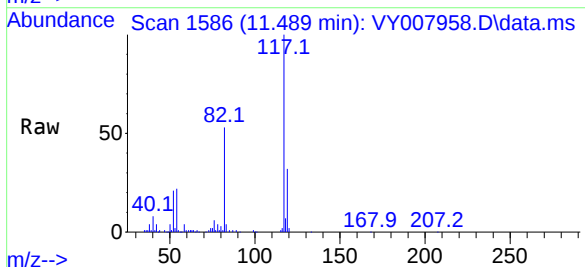
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

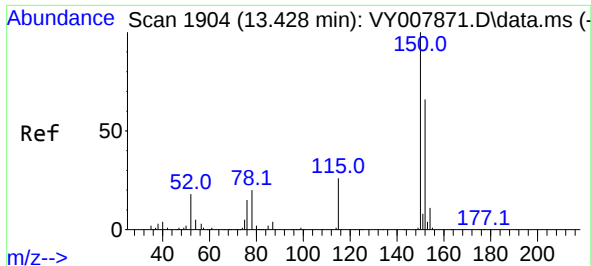
Tgt Ion: 95 Resp: 34010
Ion Ratio Lower Upper
95 100
174 70.8 0.0 177.0
176 68.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 117 Resp: 77471
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.6 25.4 38.0

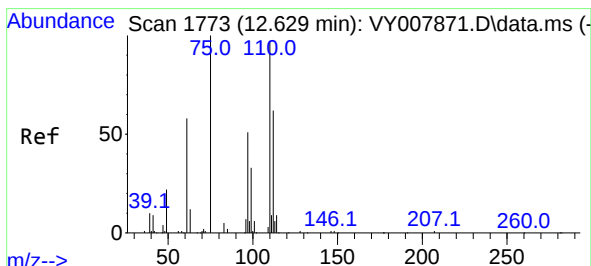
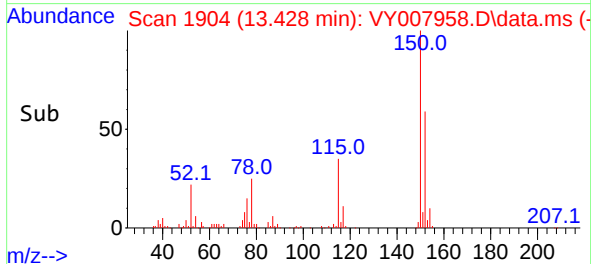
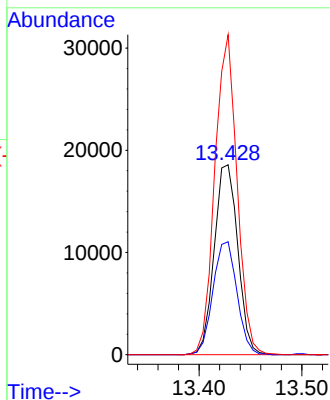
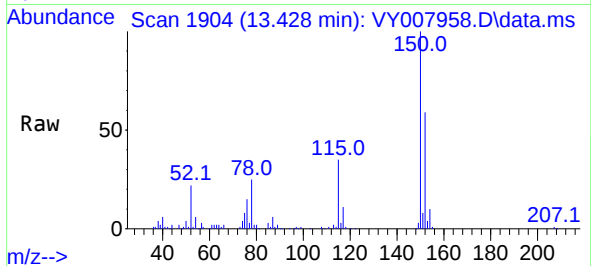




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

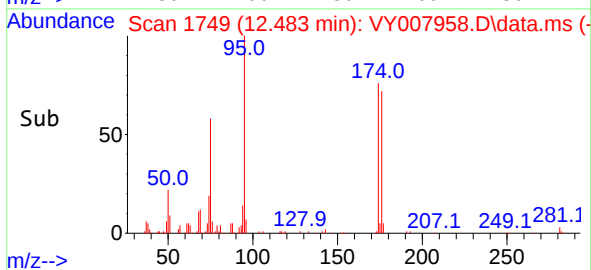
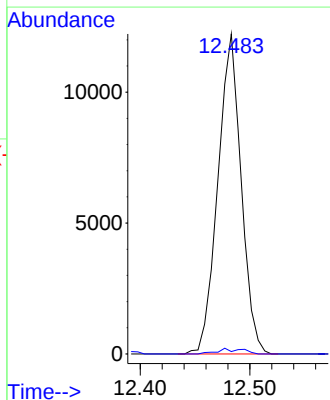
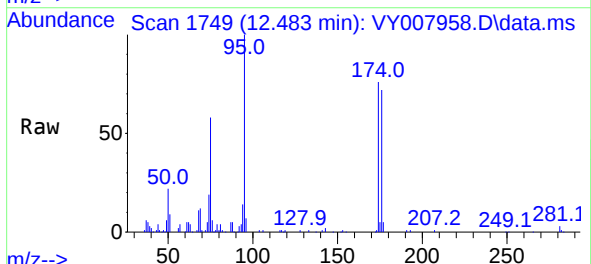
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

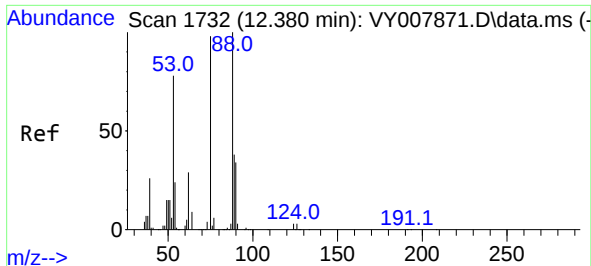
Tgt Ion:152 Resp: 29544
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 75 Resp: 18027
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

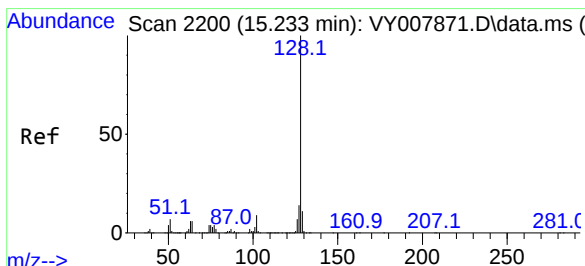
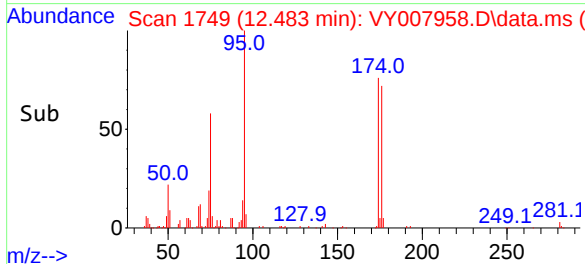
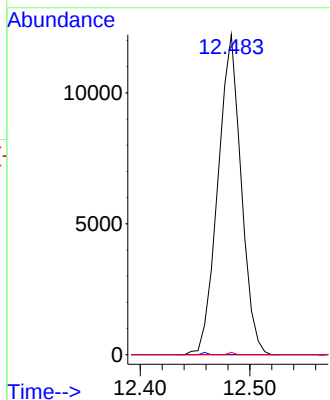
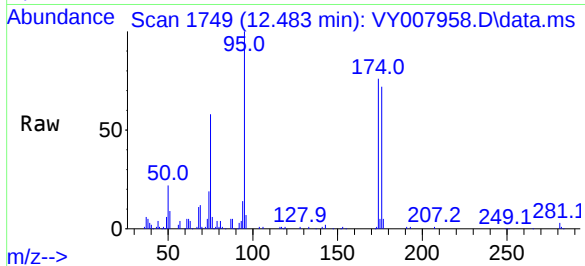




#81
trans-1,4-Dichloro-2-butene
Concen: 89.917 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

Tgt Ion: 75 Resp: 18027
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 1.408 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion:128 Resp: 2073
Ion Ratio Lower Upper
128 100
127 14.3 11.0 16.4
129 11.1 8.4 12.6

