

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008585.D
 Acq On : 03 May 2022 12:35
 Operator : KP/MD
 Sample : N2605-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042822

Quant Time: May 03 16:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

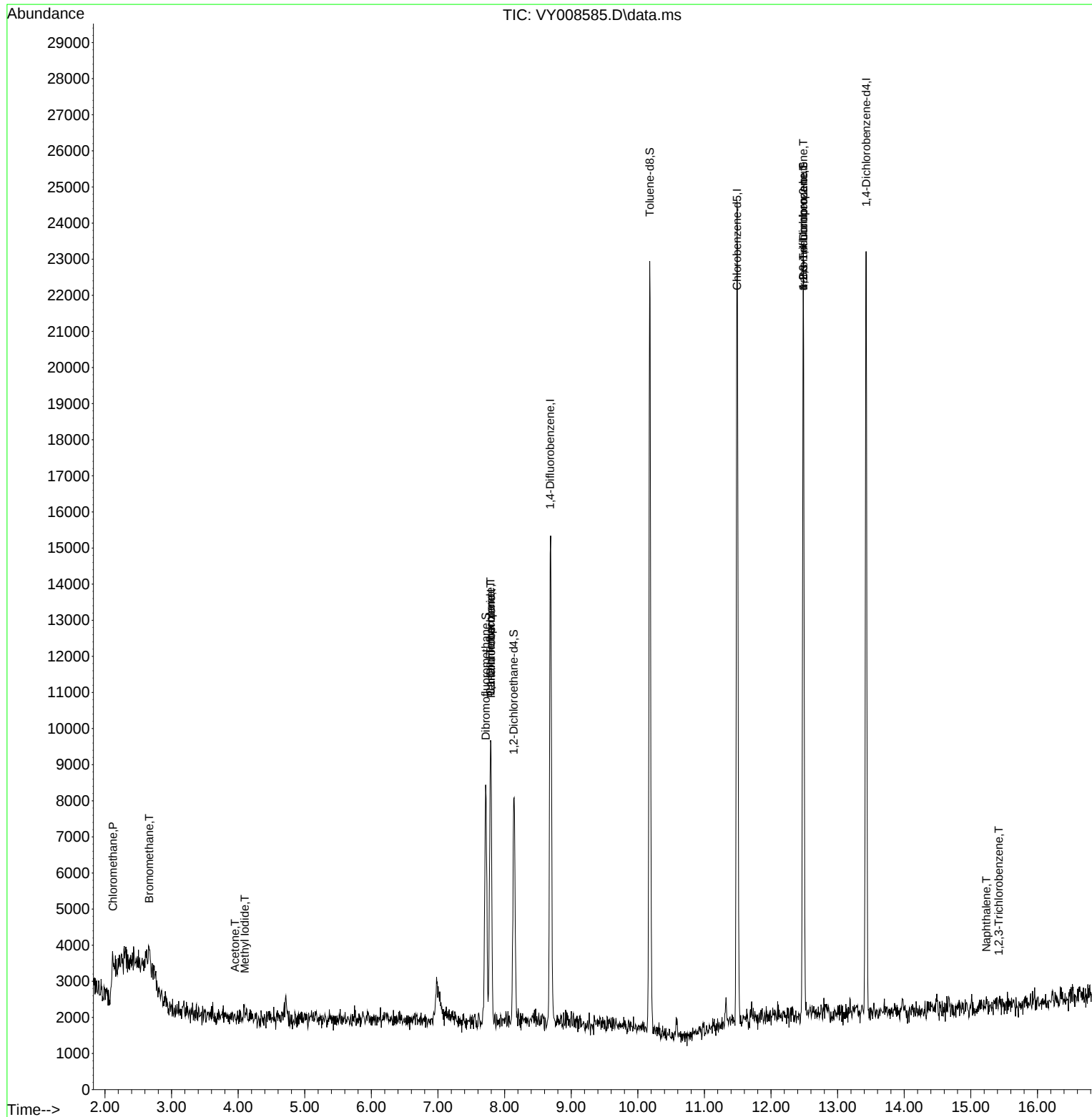
Internal Standards						
1) Pentafluorobenzene	7.795	168	7279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	13053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5017	70.915	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.840%			
35) Dibromofluoromethane	7.716	113	4900	56.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.460%			
50) Toluene-d8	10.179	98	15241	49.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.483	95	5668	50.537	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.080%			
Target Compounds			Qvalue			
3) Chloromethane	2.119	50	144	1.698	ug/l #	44
5) Bromomethane	2.662	94	375	2.090	ug/l	98
10) Methyl Iodide	4.101	142	389	3.871	ug/l #	61
11) Tert butyl alcohol	4.948	59	31	Below Cal	#	77
16) Acetone	3.954	43	82	5.379	ug/l #	47
20) Methylene Chloride	4.716	84	465	Below Cal	#	57
36) 1,1-Dichloropropene	7.789	75	531	3.954	ug/l #	42
38) Carbon Tetrachloride	7.789	117	651	4.249	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2785	43.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2785	87.791	ug/l #	7
95) Naphthalene	15.233	128	350	1.278	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.422	180	152	1.254	ug/l #	57

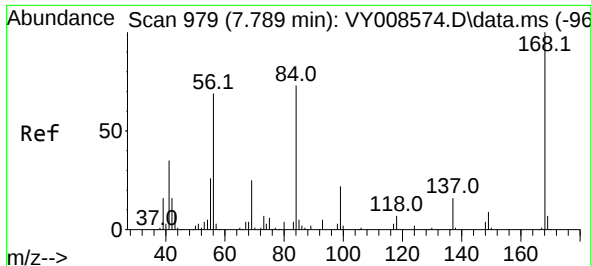
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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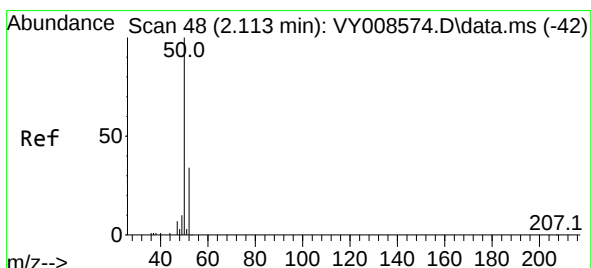
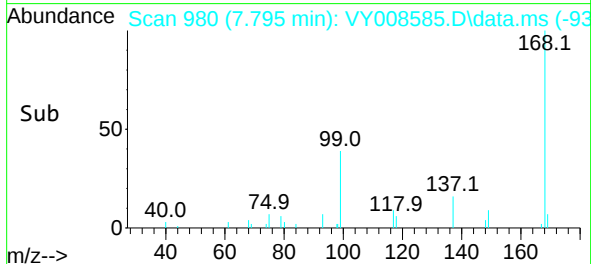
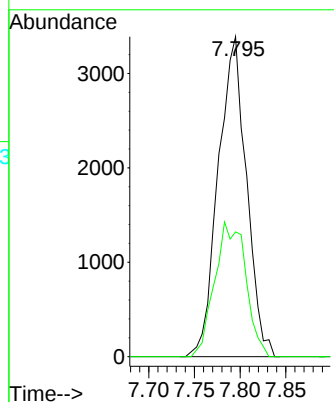
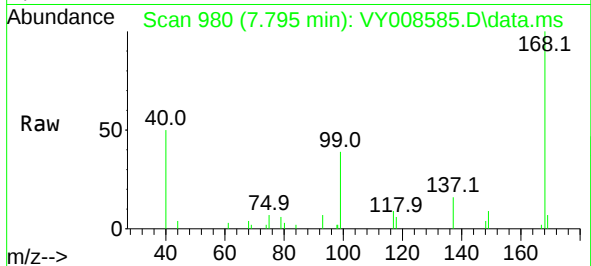




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

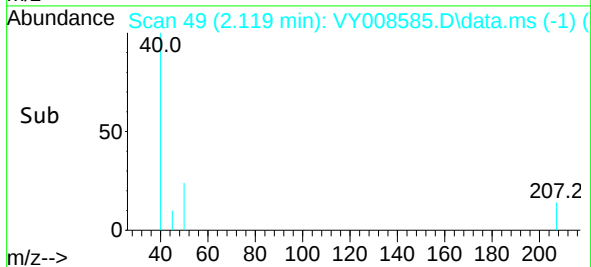
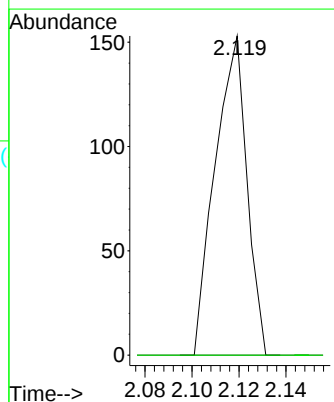
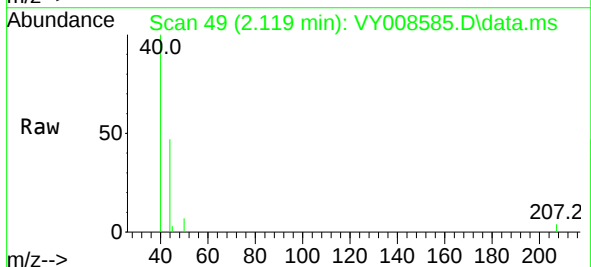
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

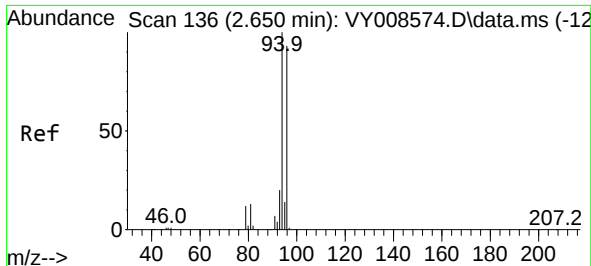
Tgt Ion:168 Resp: 7279
Ion Ratio Lower Upper
168 100
99 39.0 46.9 70.3#



#3
Chloromethane
Concen: 1.698 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion: 50 Resp: 144
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

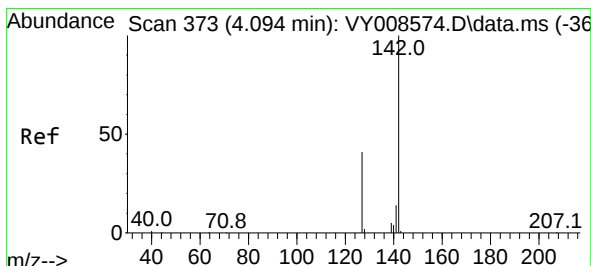
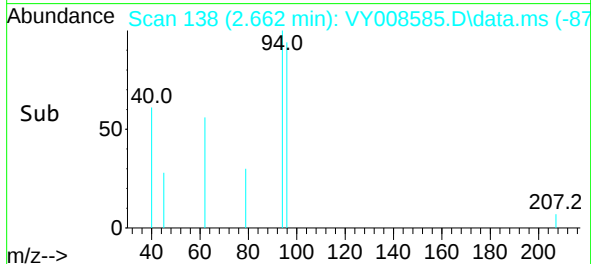
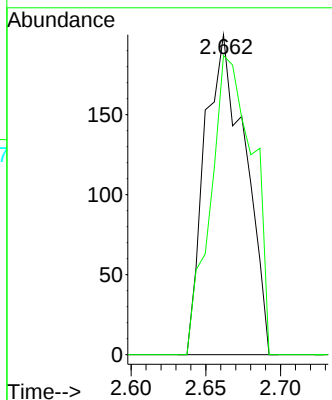
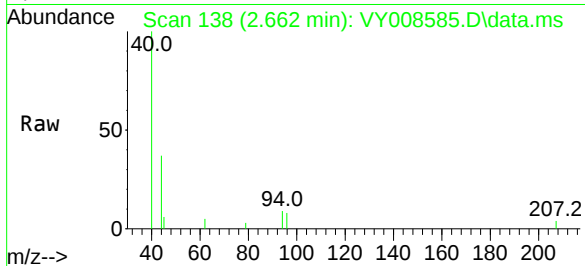




#5
Bromomethane
Concen: 2.090 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

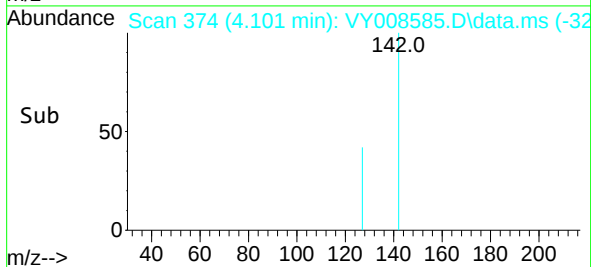
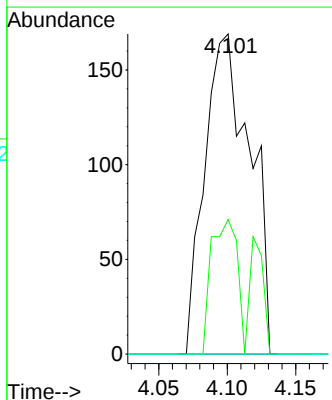
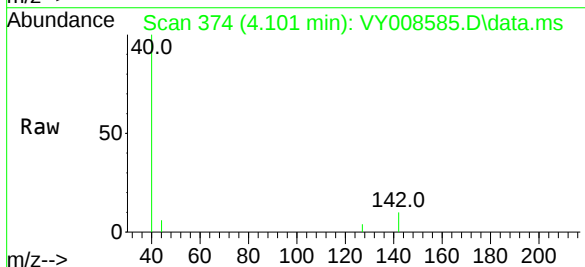
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

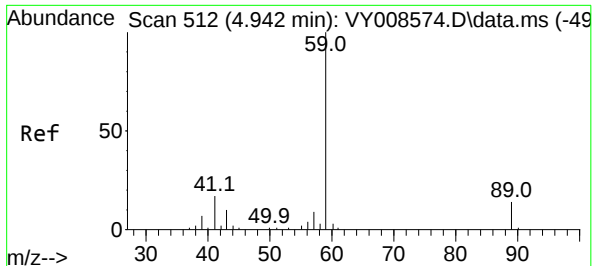
Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 93.5 73.5 110.3



#10
Methyl Iodide
Concen: 3.871 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion:142 Resp: 389
Ion Ratio Lower Upper
142 100
127 23.9 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008585.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

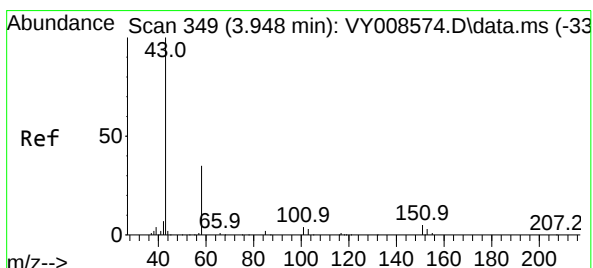
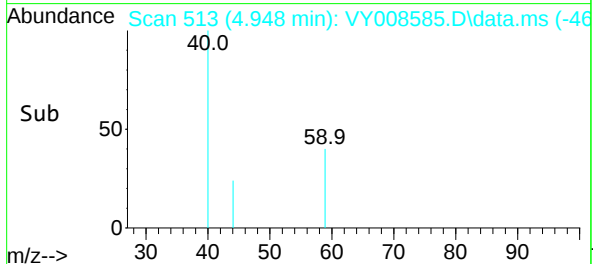
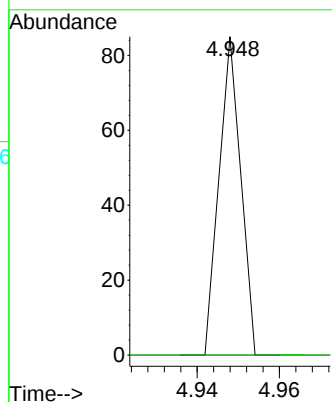
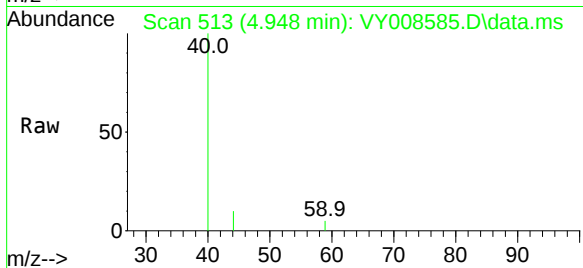
TR-06-042822

Tgt Ion: 59 Resp: 31

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.379 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008585.D

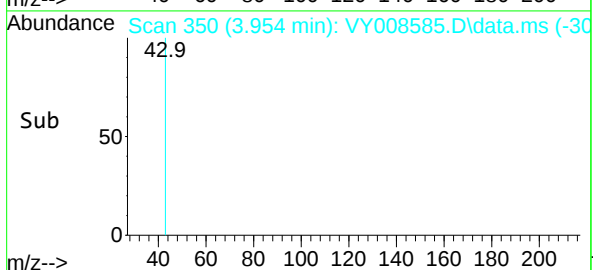
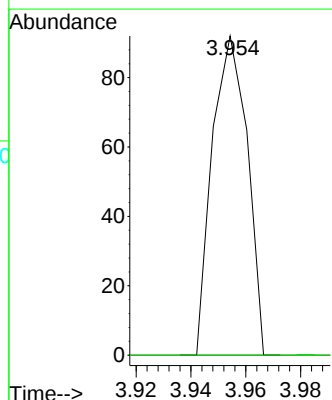
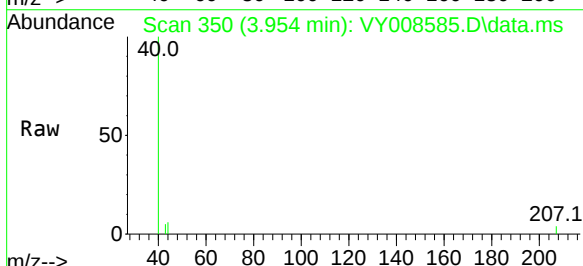
Acq: 03 May 2022 12:35

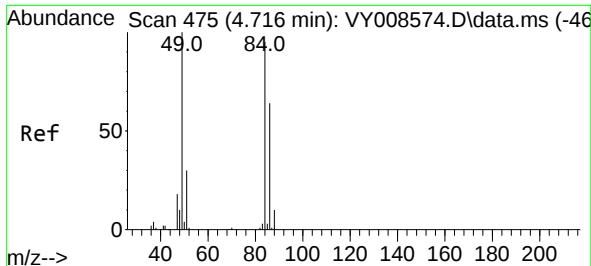
Tgt Ion: 43 Resp: 82

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

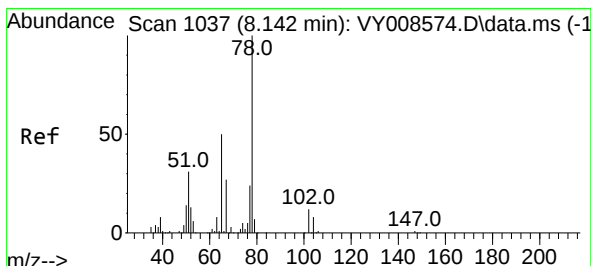
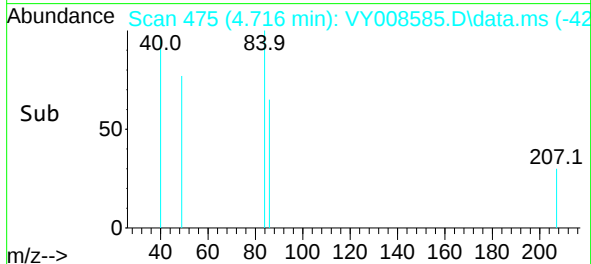
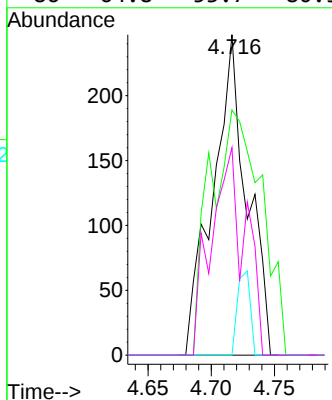
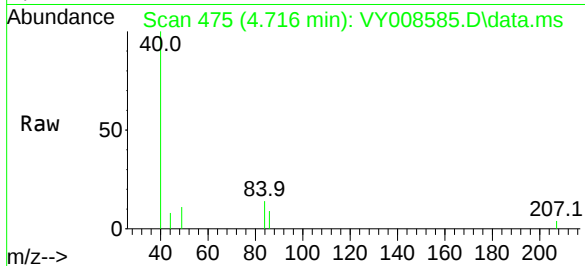




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

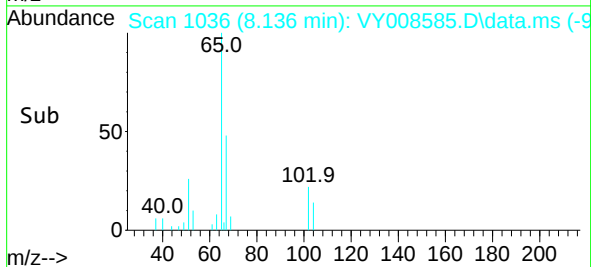
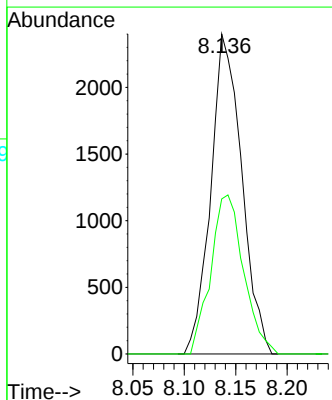
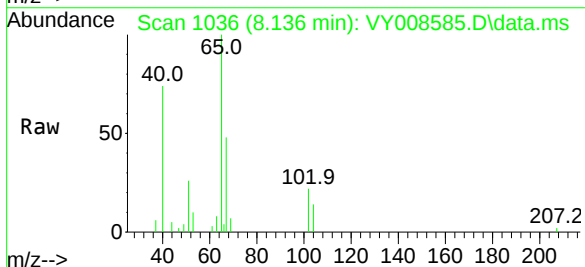
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

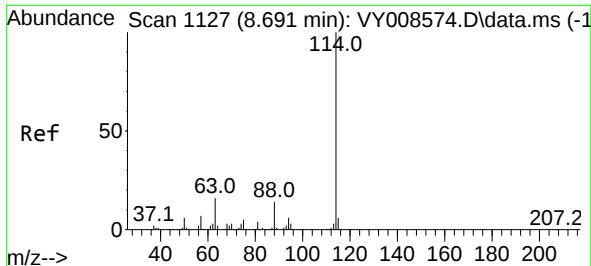
Tgt Ion: 84 Resp: 465
Ion Ratio Lower Upper
84 100
49 76.5 114.4 171.6#
51 0.0 35.3 52.9#
86 64.8 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 70.915 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion: 65 Resp: 5017
Ion Ratio Lower Upper
65 100
67 52.9 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: VY008585.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-042822

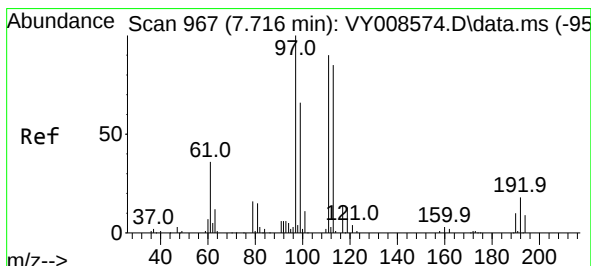
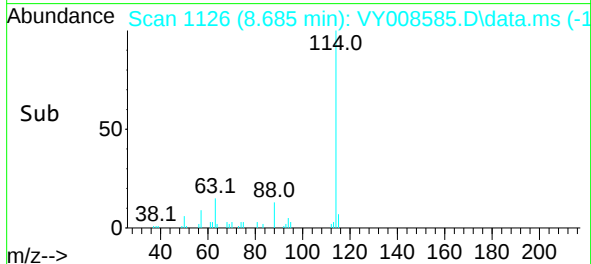
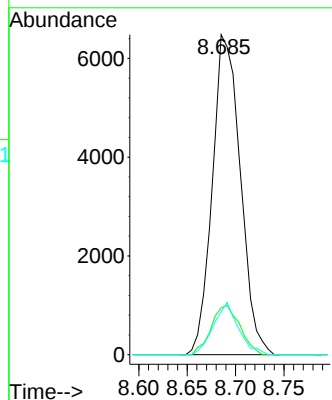
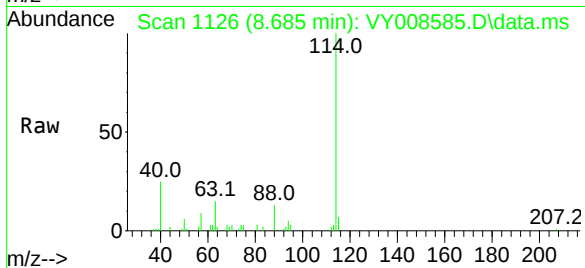
Tgt Ion:114 Resp: 13053

Ion Ratio Lower Upper

114 100

63 14.6 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.732 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008585.D

Acq: 03 May 2022 12:35

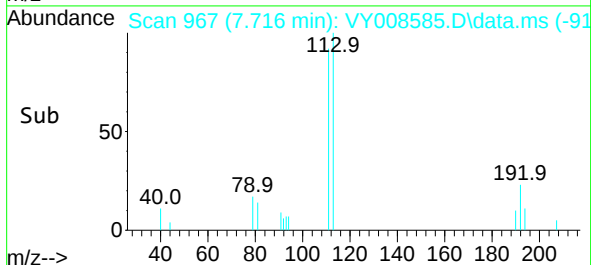
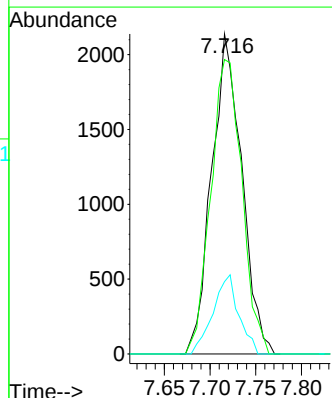
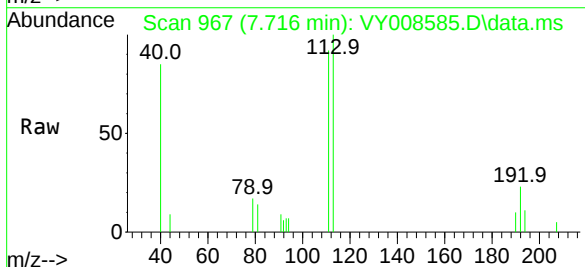
Tgt Ion:113 Resp: 4900

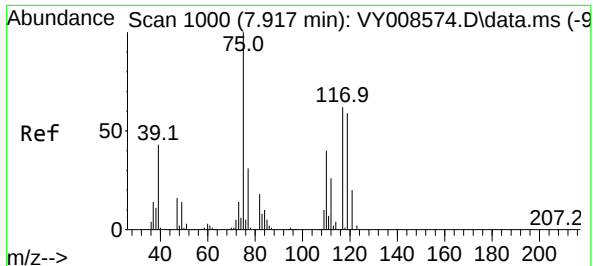
Ion Ratio Lower Upper

113 100

111 95.2 82.6 124.0

192 21.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.954 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008585.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-042822

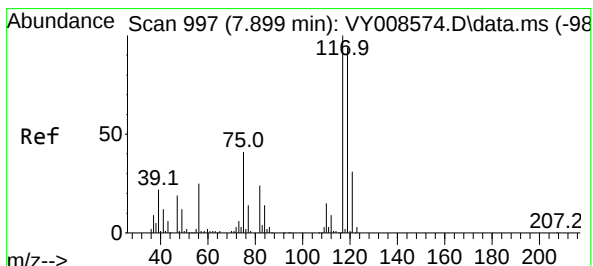
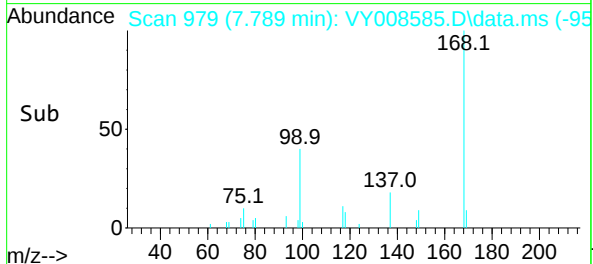
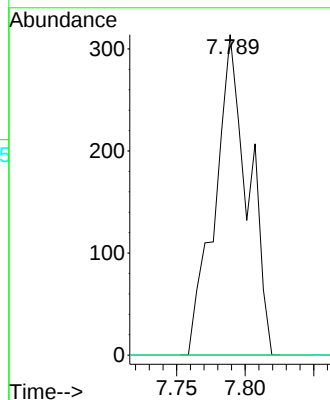
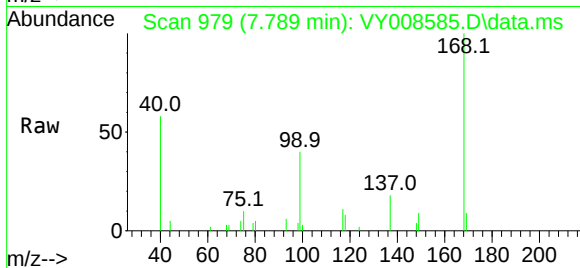
Tgt Ion: 75 Resp: 531

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.249 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008585.D

Acq: 03 May 2022 12:35

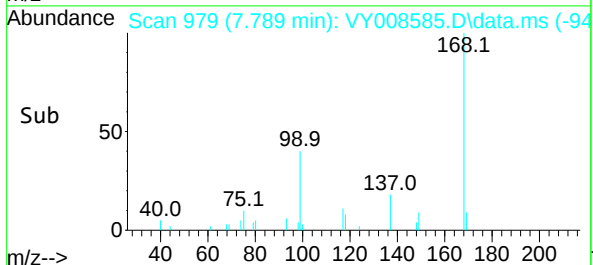
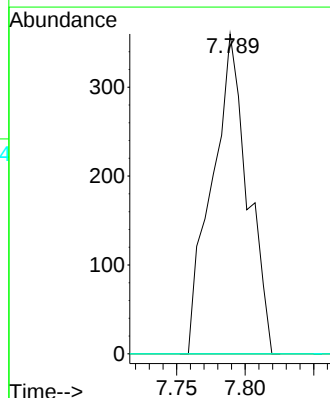
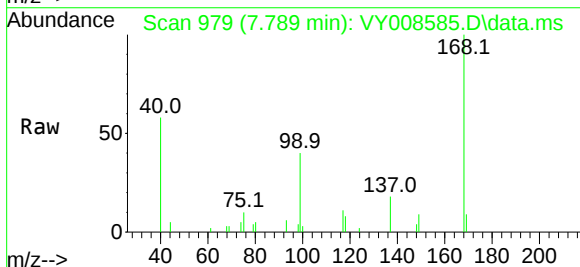
Tgt Ion: 117 Resp: 651

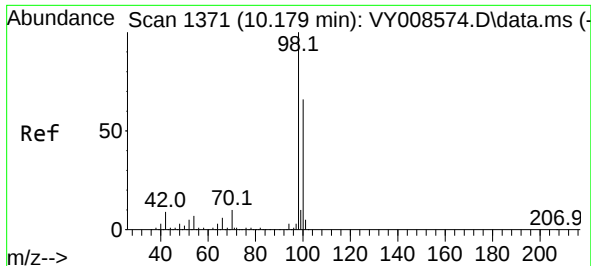
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

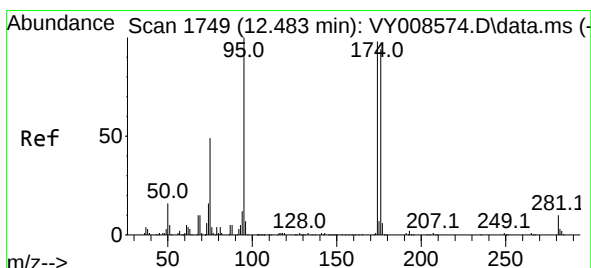
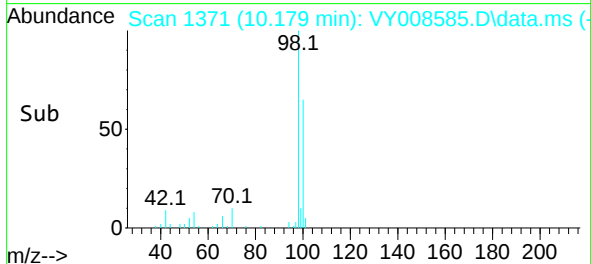
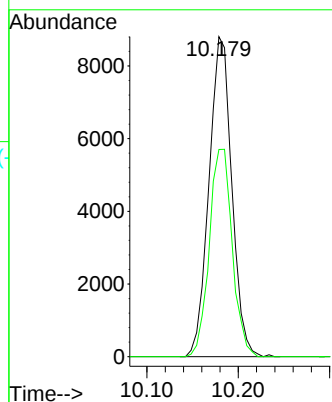
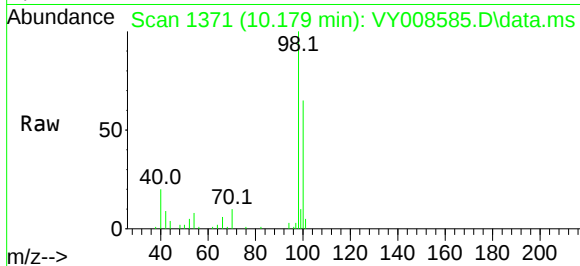




#50
Toluene-d8
Concen: 49.807 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

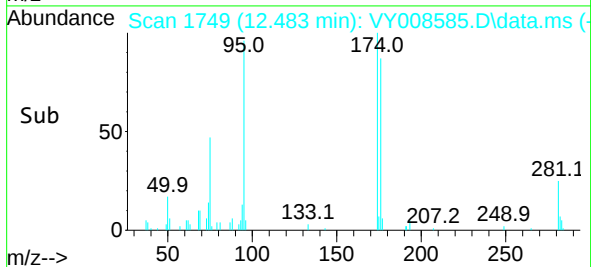
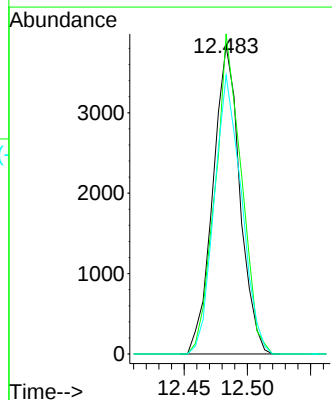
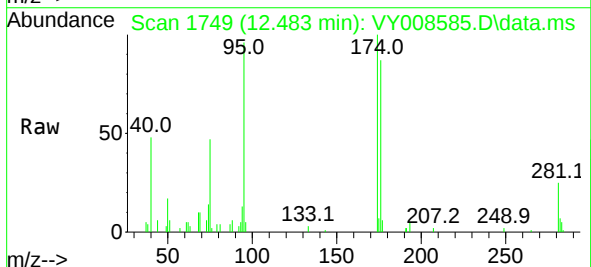
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

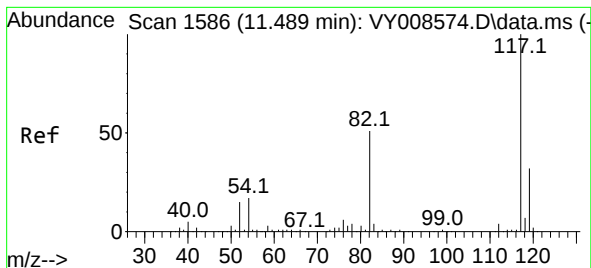
Tgt Ion: 98 Resp: 15241
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion: 95 Resp: 5668
Ion Ratio Lower Upper
95 100
174 101.1 0.0 177.0
176 91.4 0.0 175.8

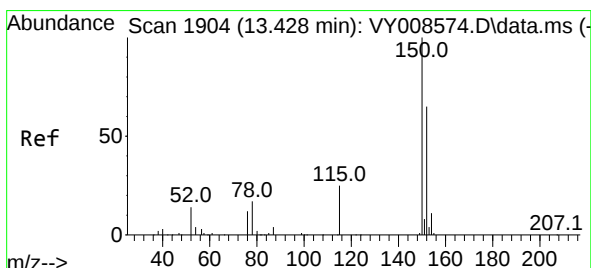
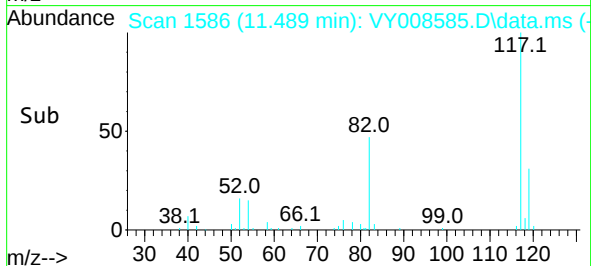
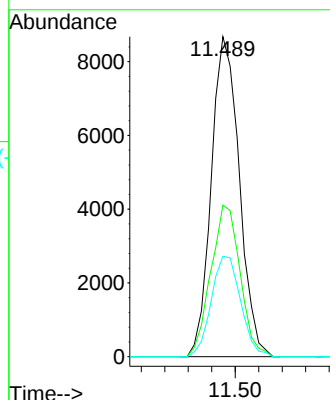
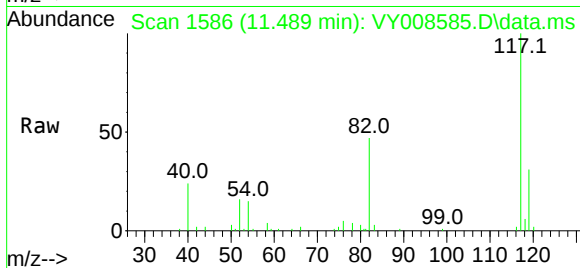




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

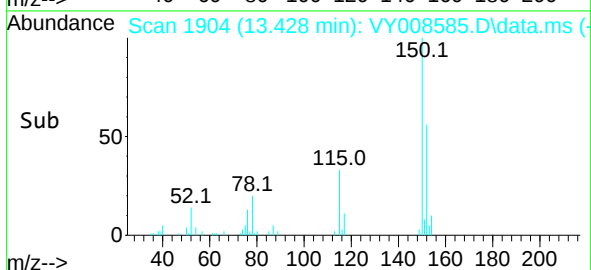
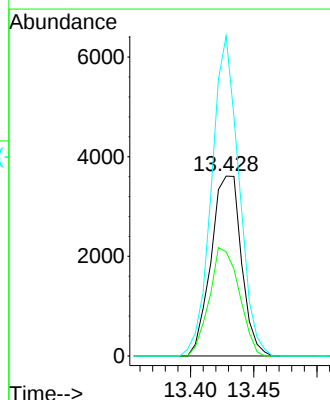
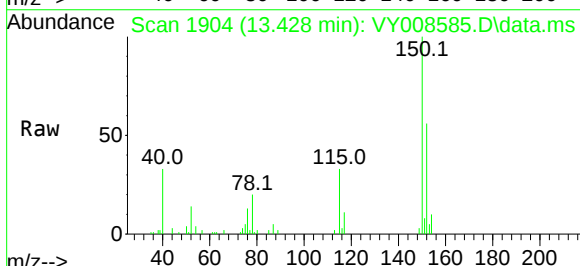
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

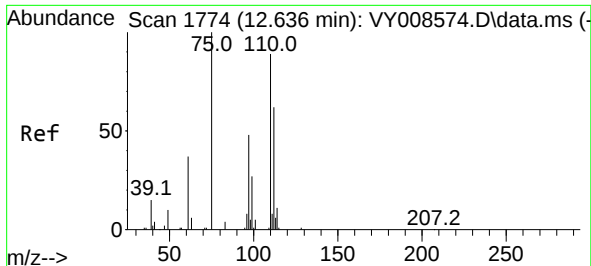
Tgt Ion:	117	Resp:	14353
Ion	Ratio	Lower	Upper
117	100		
82	47.4	43.0	64.4
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion:	152	Resp:	6025
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.2	84.7
150	160.2	0.0	347.6

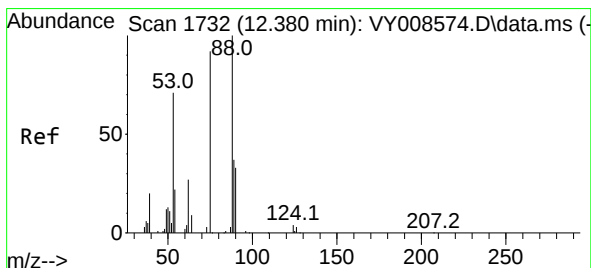
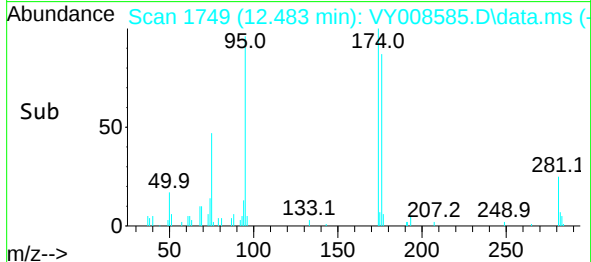
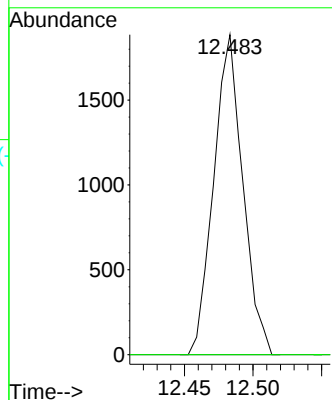
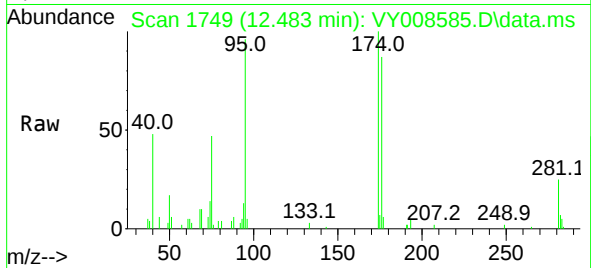




#76
1,2,3-Trichloropropane
Concen: 43.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

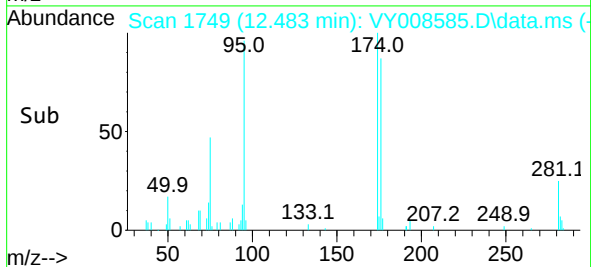
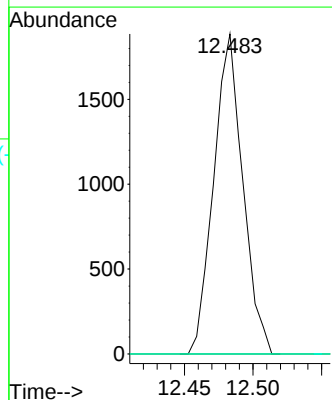
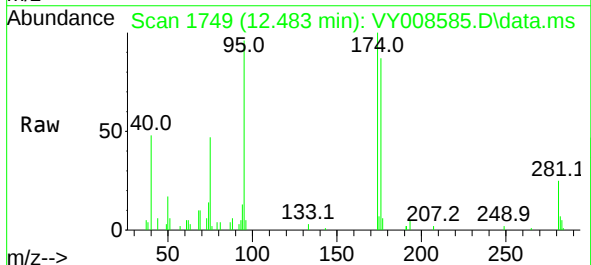
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

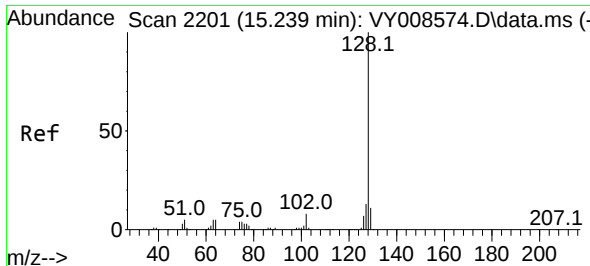
Tgt Ion: 75 Resp: 2785
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 87.791 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion: 75 Resp: 2785
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

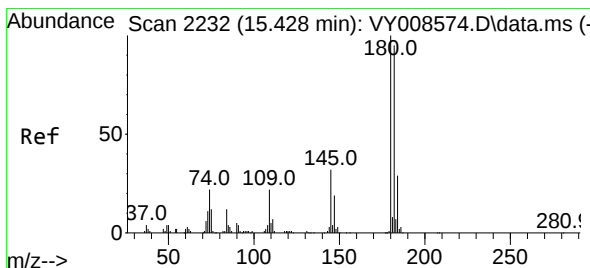
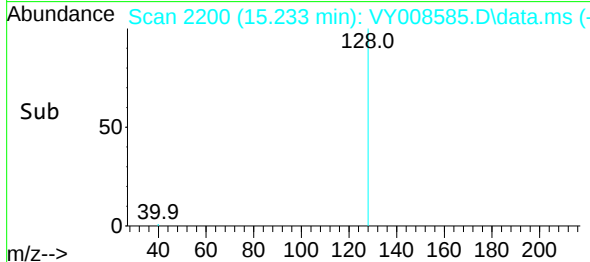
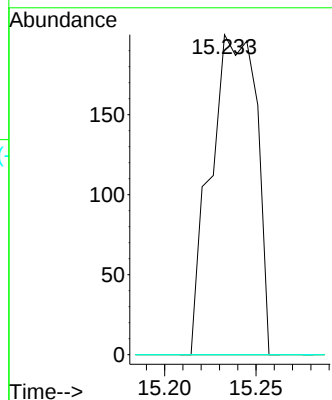
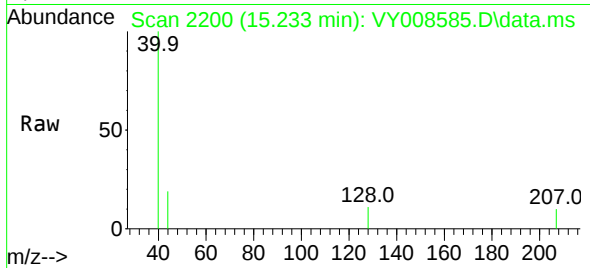




#95
Naphthalene
Concen: 1.278 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

Tgt Ion:128 Resp: 350
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.254 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion:180 Resp: 152
Ion Ratio Lower Upper
180 100
182 56.6 47.3 141.9
145 0.0 15.3 45.9#

