

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011591.D
 Acq On : 28 Nov 2022 10:29
 Operator : KP/MD
 Sample : VY1128SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1128SBL01

Quant Time: Nov 29 00:23:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

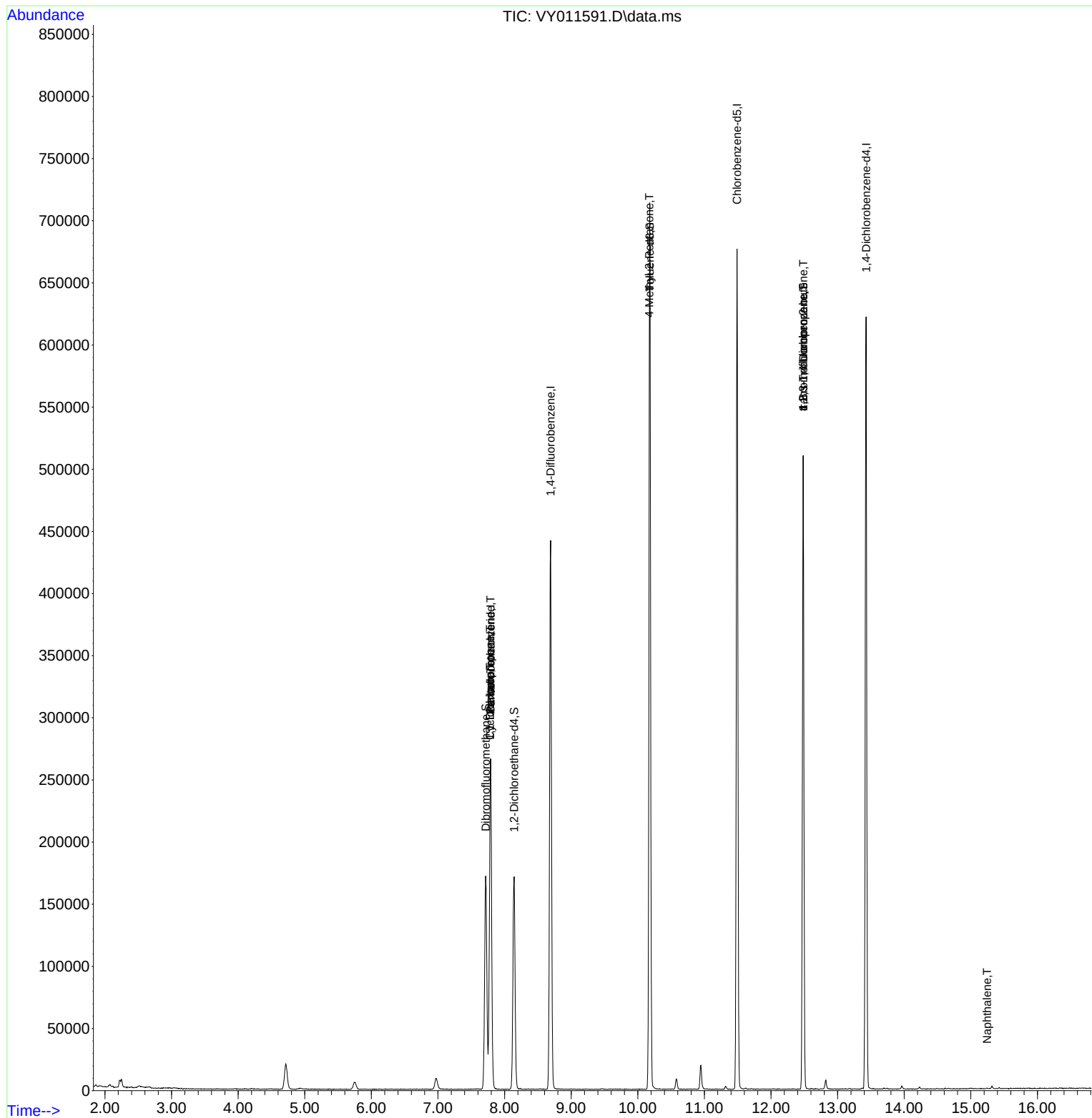
Internal Standards						
1) Pentafluorobenzene	7.789	168	201857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133295	65.033	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.060%			
35) Dibromofluoromethane	7.716	113	119006	52.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.620%			
50) Toluene-d8	10.179	98	455680	55.120	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.240%			
62) 4-Bromofluorobenzene	12.483	95	148747	48.665	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	26	Below Cal	#	43
3) Chloromethane	2.113	50	433	Below Cal	#	87
5) Bromomethane	2.662	94	275	Below Cal	#	49
11) Tert butyl alcohol	4.905	59	319	Below Cal	#	77
18) Methyl Acetate	4.472	43	427	Below Cal	#	56
20) Methylene Chloride	4.716	84	14451	Below Cal		89
31) Cyclohexane	7.783	56	4348	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15308	4.305	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21112	5.306	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	2107	1.038	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	78756	46.260	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78756	101.325	ug/l #	7
95) Naphthalene	15.245	128	591	4.117	ug/l #	69

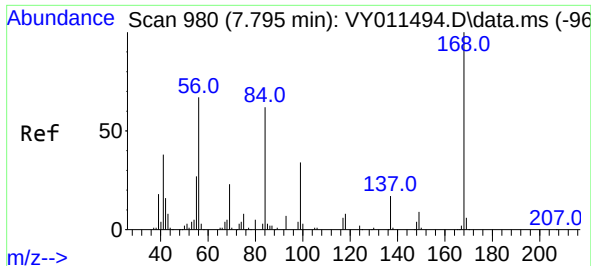
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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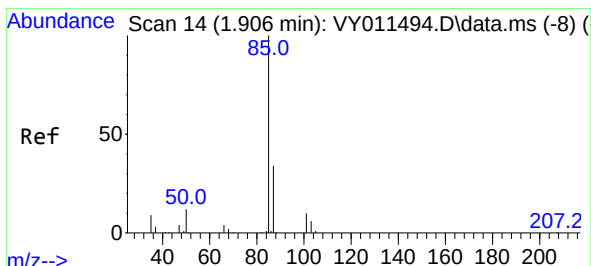
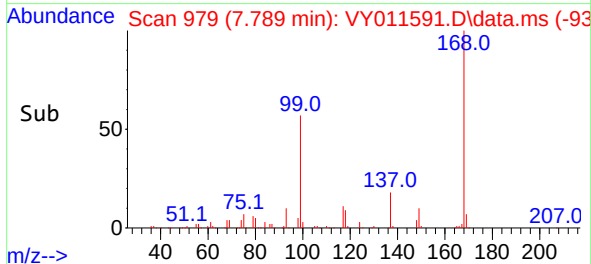
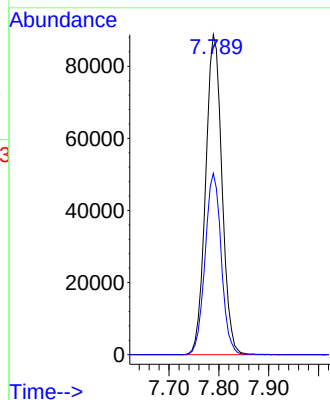
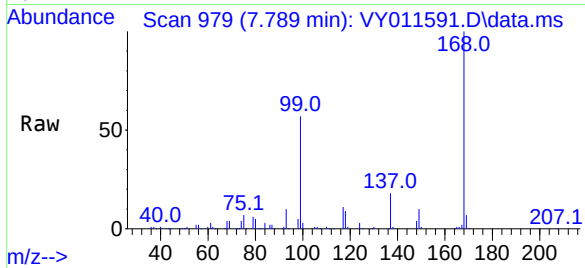




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

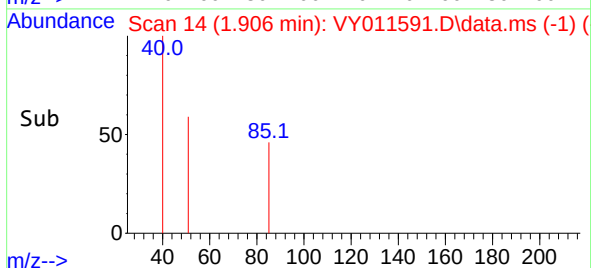
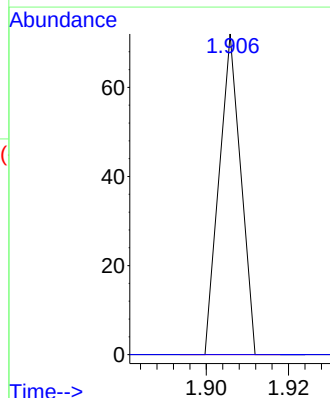
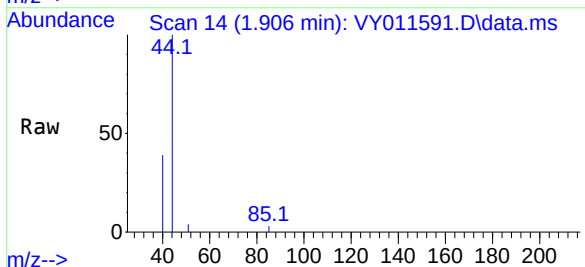
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

Tgt Ion:168 Resp: 201857
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3

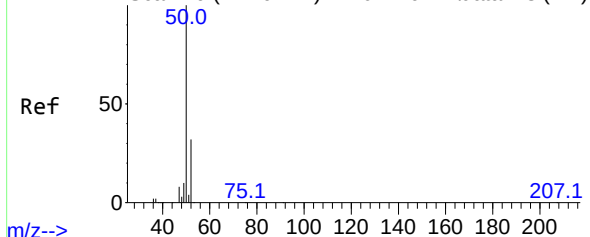


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 49 (2.119 min): VY011494.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY011591.D

Acq: 28 Nov 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1128SBL01

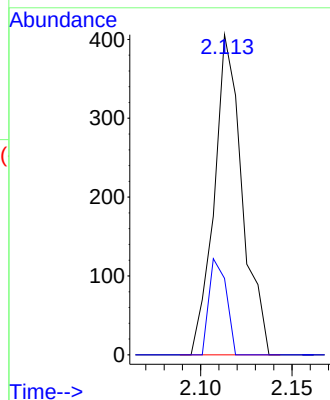
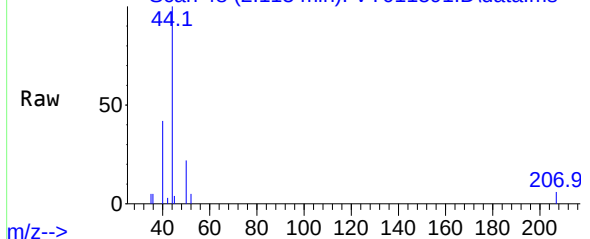
Tgt Ion: 50 Resp: 433

Ion Ratio Lower Upper

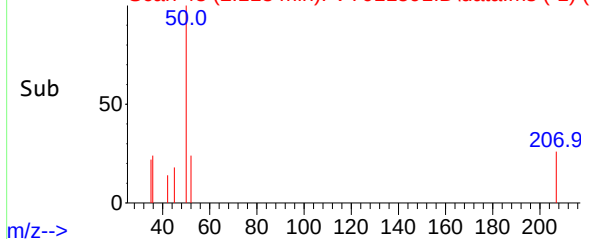
50 100

52 23.9 24.6 37.0#

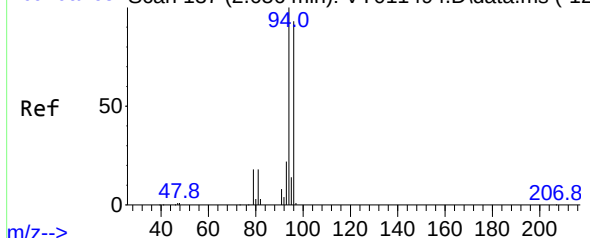
Abundance Scan 48 (2.113 min): VY011591.D\data.ms



Abundance Scan 48 (2.113 min): VY011591.D\data.ms (-1)



Abundance Scan 137 (2.656 min): VY011494.D\data.ms (-12)



#5

Bromomethane

Concen: Below Cal

RT: 2.662 min Scan# 138

Delta R.T. 0.006 min

Lab File: VY011591.D

Acq: 28 Nov 2022 10:29

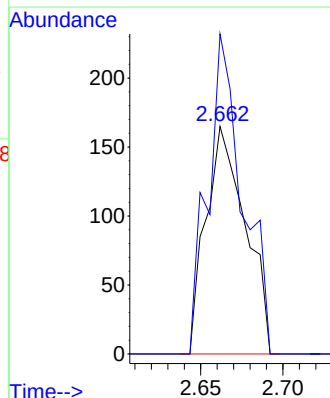
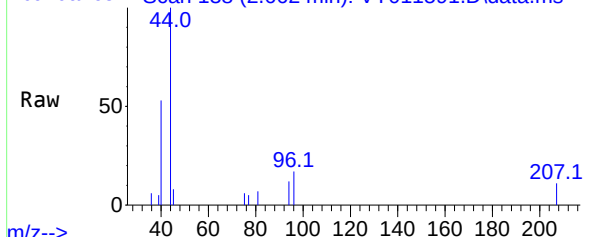
Tgt Ion: 94 Resp: 275

Ion Ratio Lower Upper

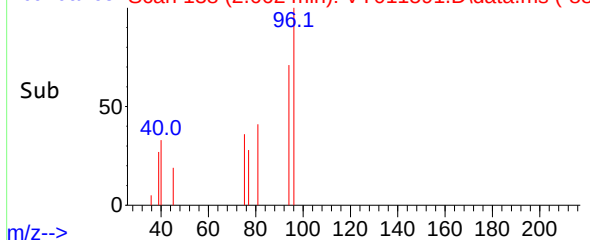
94 100

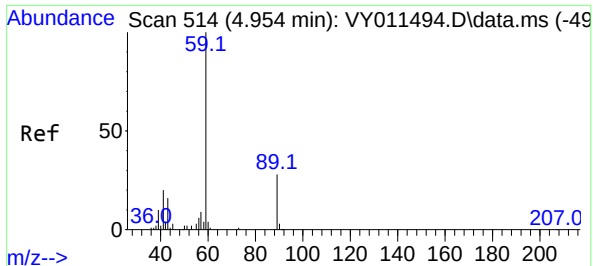
96 140.6 73.5 110.3#

Abundance Scan 138 (2.662 min): VY011591.D\data.ms



Abundance Scan 138 (2.662 min): VY011591.D\data.ms (-88)

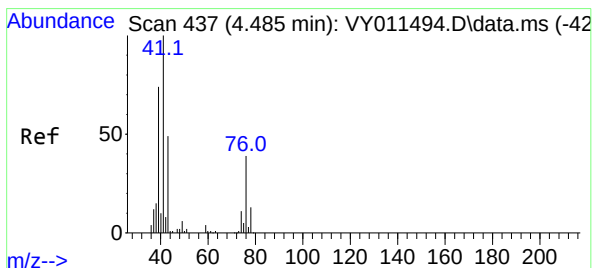
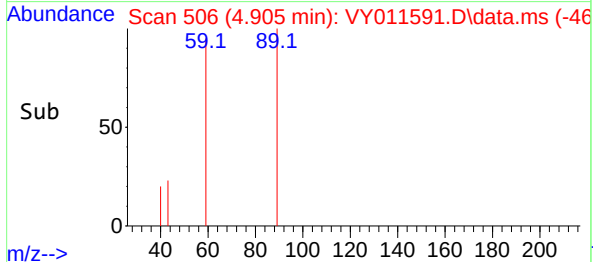
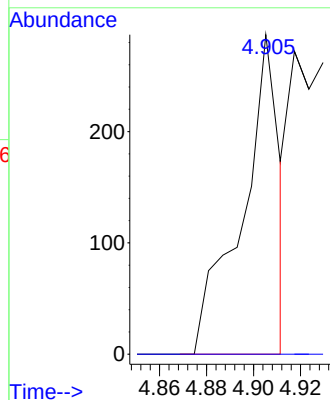
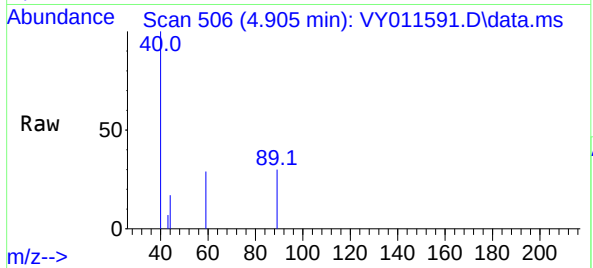




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.049 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

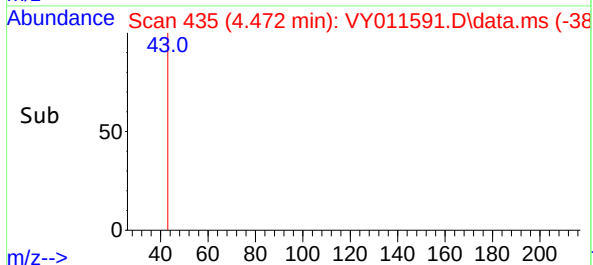
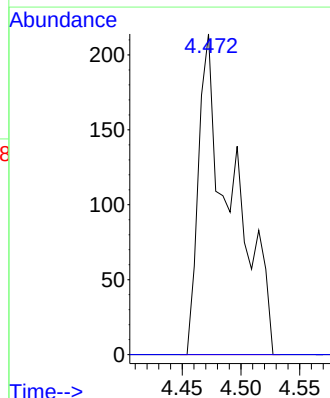
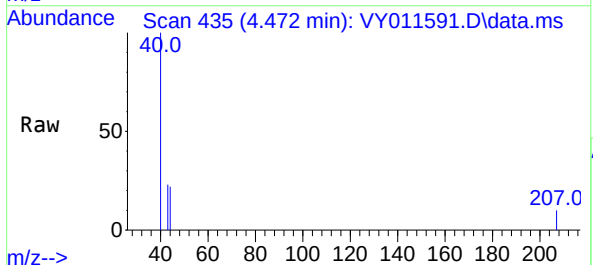
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

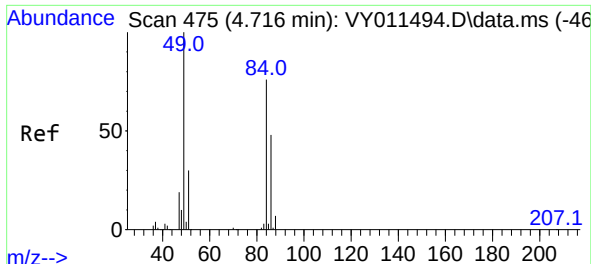
Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.013 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



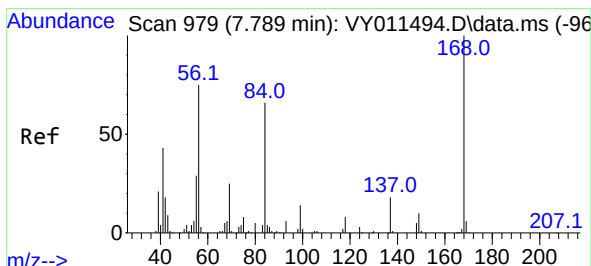
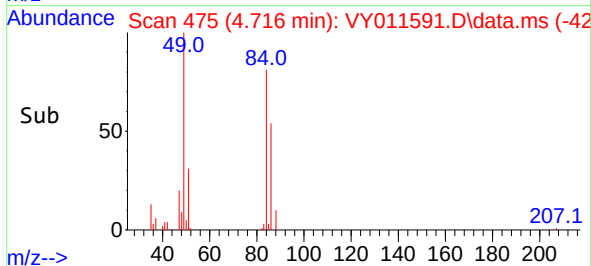
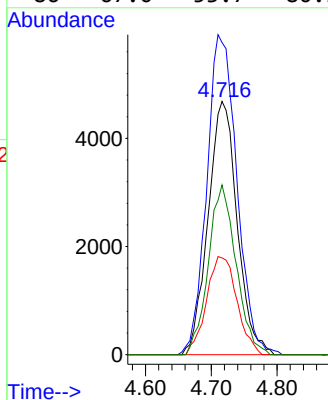
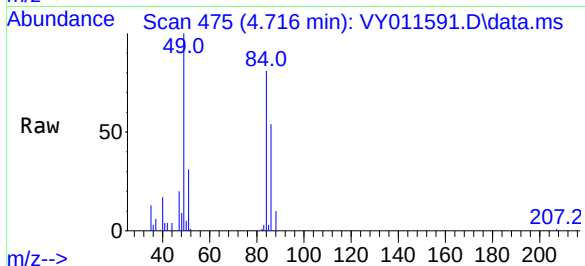


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

Tgt Ion: 84 Resp: 14451

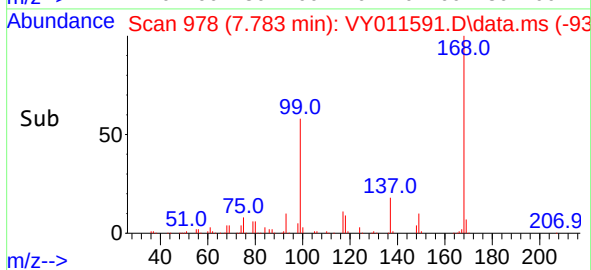
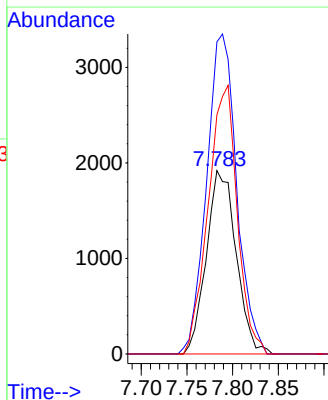
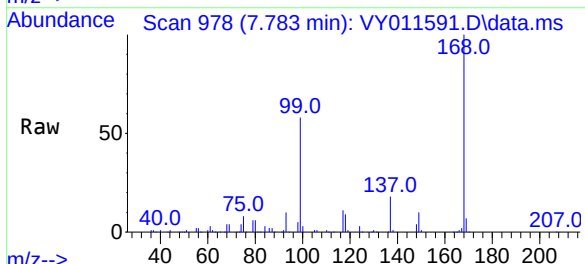
Ion	Ratio	Lower	Upper
84	100		
49	123.2	114.4	171.6
51	38.2	35.3	52.9
86	67.0	53.7	80.5

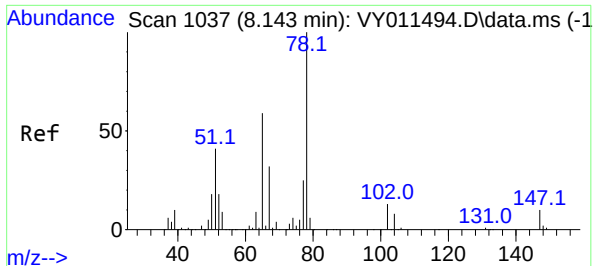


#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 56 Resp: 4348

Ion	Ratio	Lower	Upper
56	100		
69	170.2	26.7	40.1#
84	130.5	67.2	100.8#

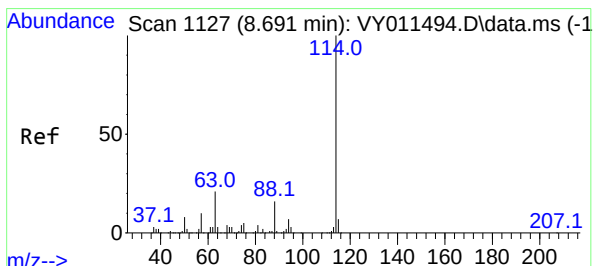
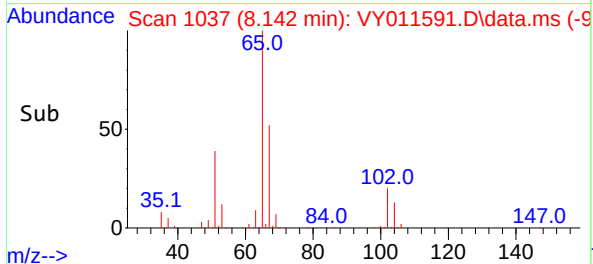
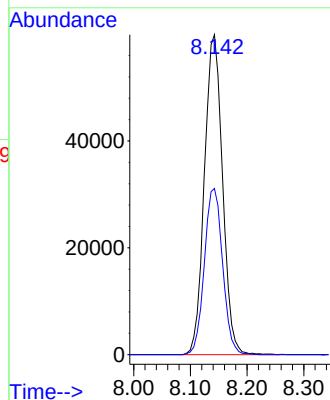
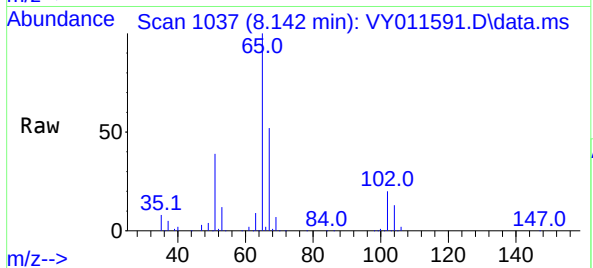




#33
1,2-Dichloroethane-d4
Concen: 65.033 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

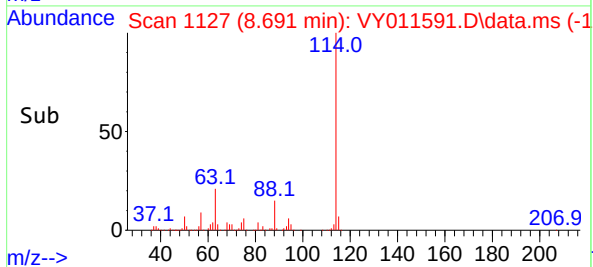
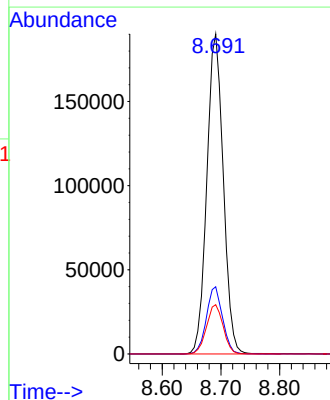
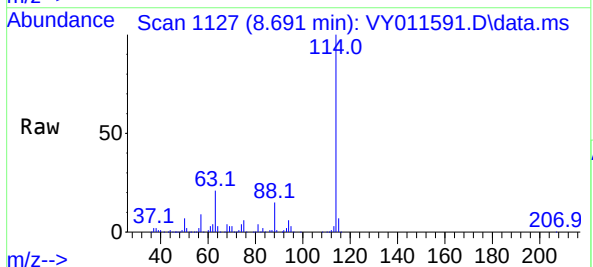
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

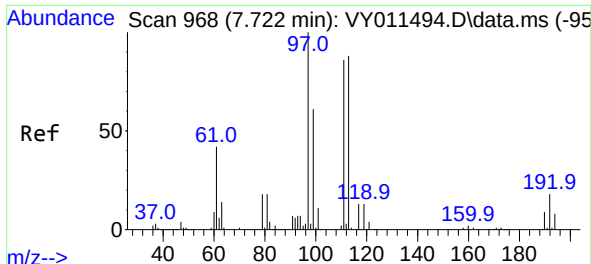
Tgt Ion: 65 Resp: 133295
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 114 Resp: 369557
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.4 0.0 31.8

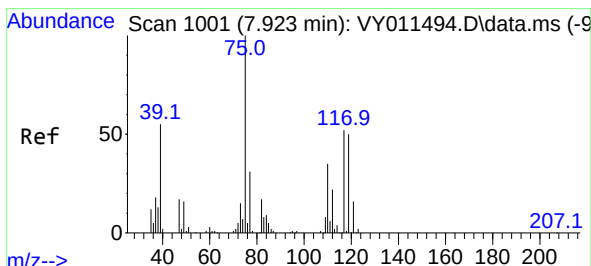
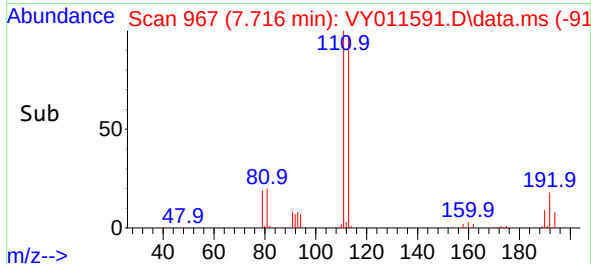
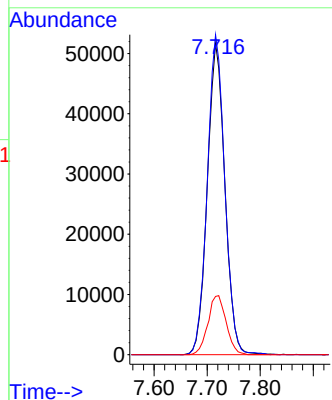
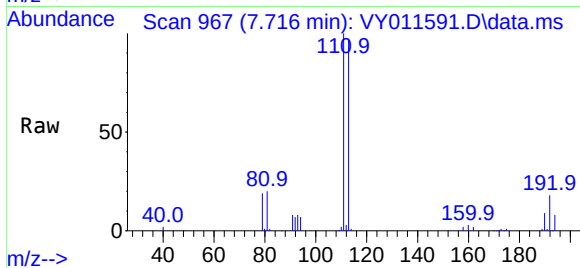




#35
Dibromofluoromethane
Concen: 52.311 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

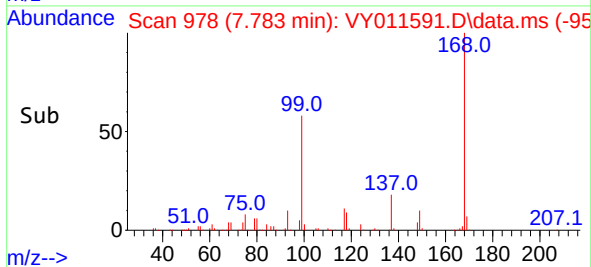
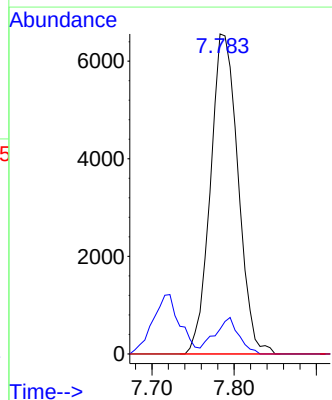
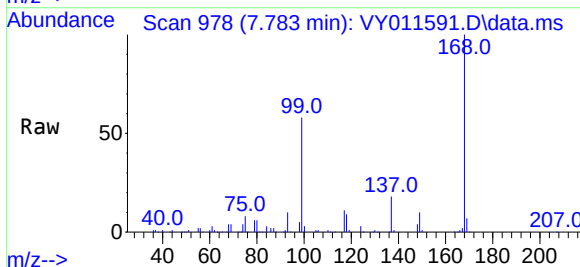
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

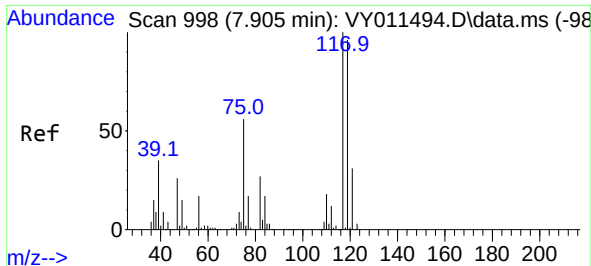
Tgt Ion:113 Resp: 119006
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.305 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 75 Resp: 15308
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

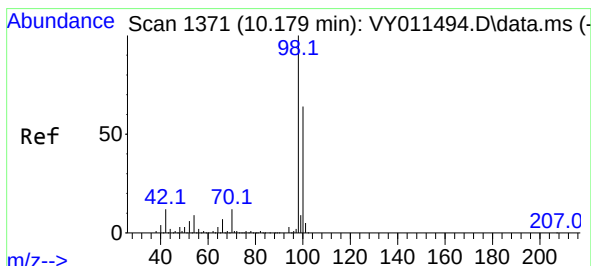
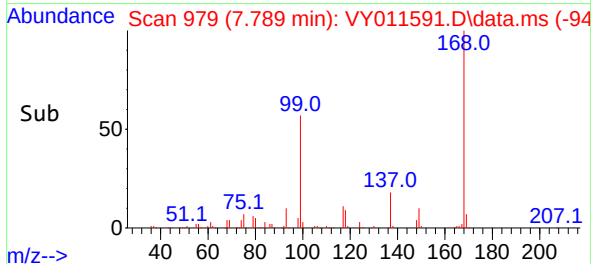
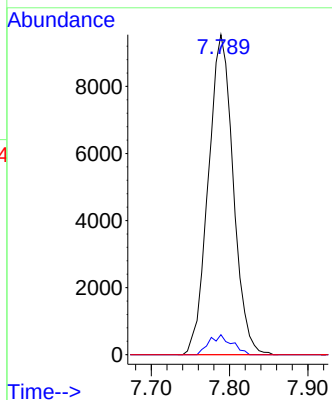
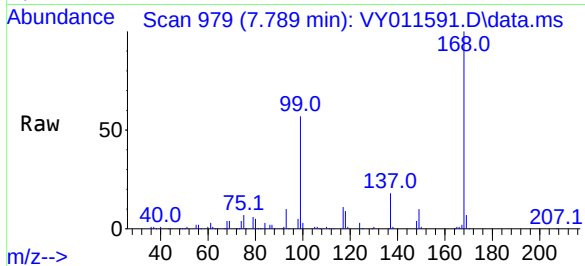




#38
Carbon Tetrachloride
Concen: 5.306 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

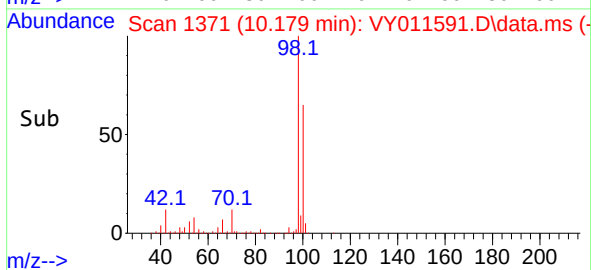
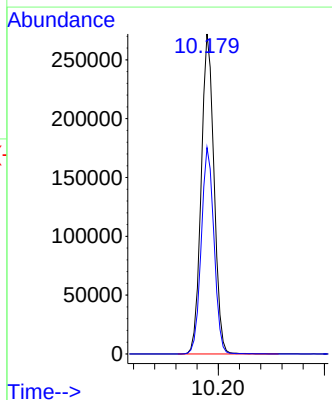
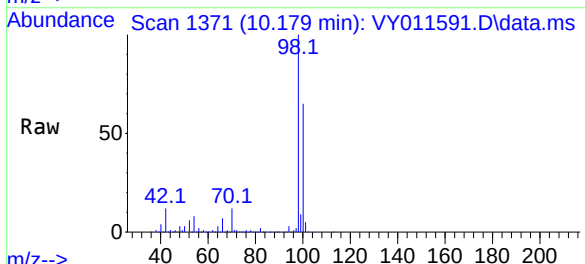
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

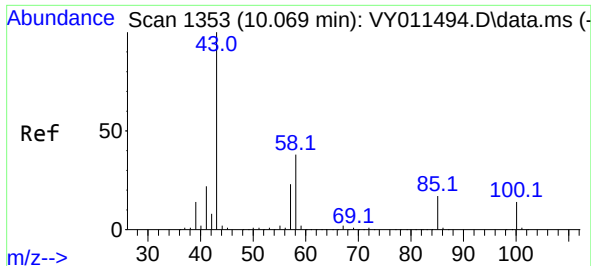
Tgt Ion:117 Resp: 21112
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.120 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 98 Resp: 455680
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.038 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY011591.D

Acq: 28 Nov 2022 10:29

Instrument :

MSVOA_Y

ClientSampleId :

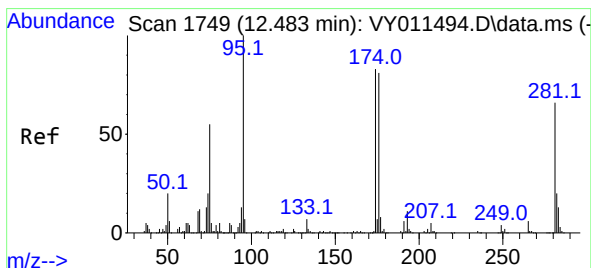
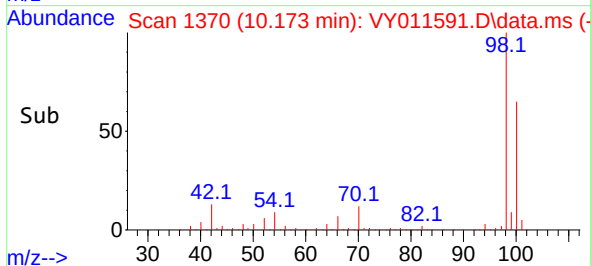
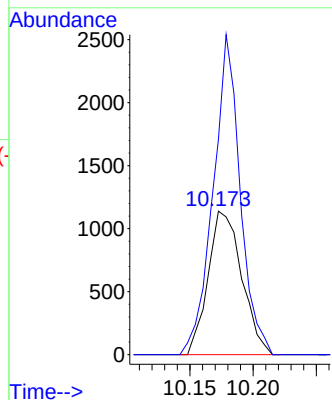
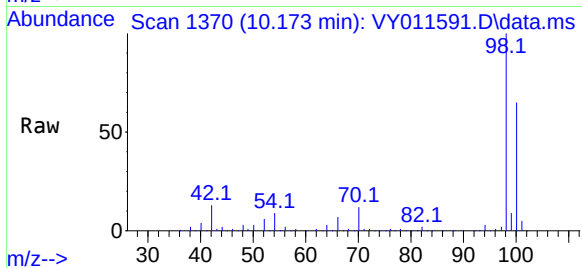
VY1128SBL01

Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

58 179.2 28.1 42.1#



#62

4-Bromofluorobenzene

Concen: 48.665 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011591.D

Acq: 28 Nov 2022 10:29

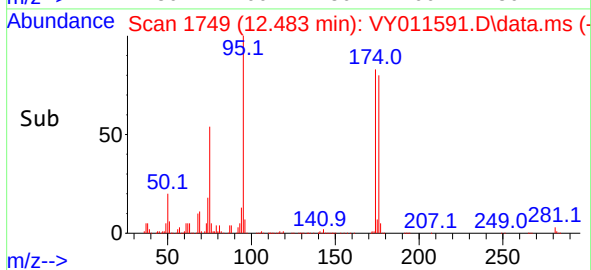
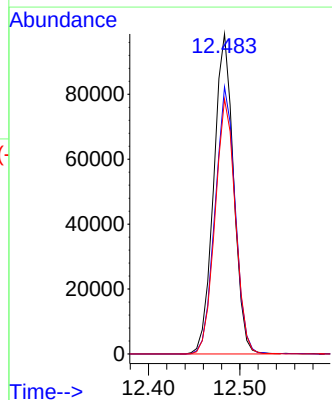
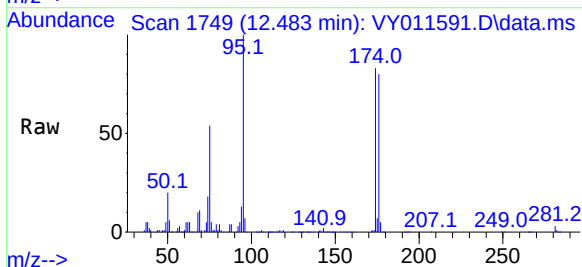
Tgt Ion: 95 Resp: 148747

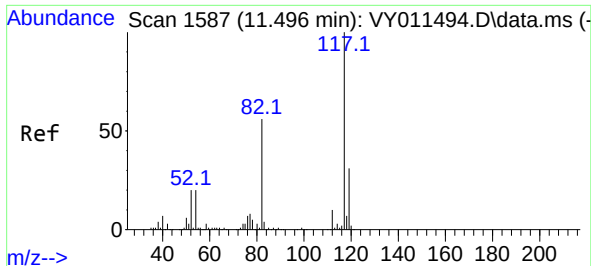
Ion Ratio Lower Upper

95 100

174 84.5 0.0 177.0

176 81.2 0.0 175.8

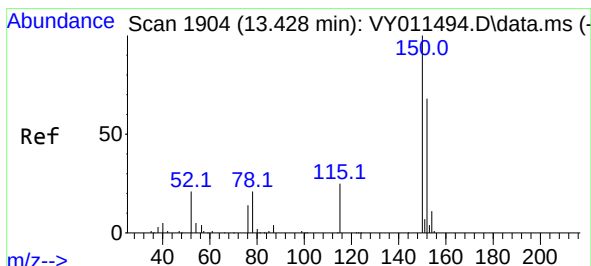
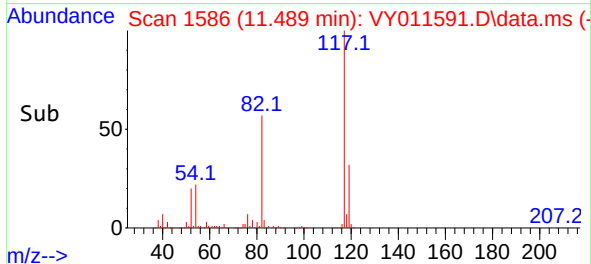
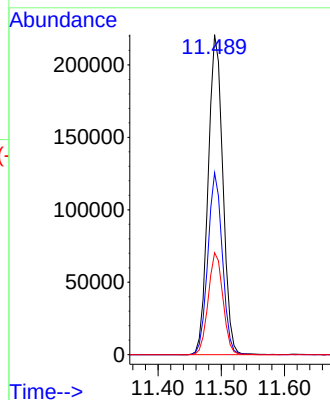
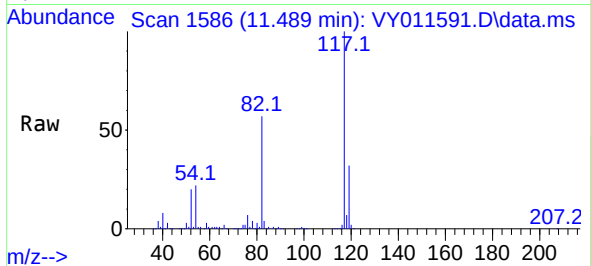




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

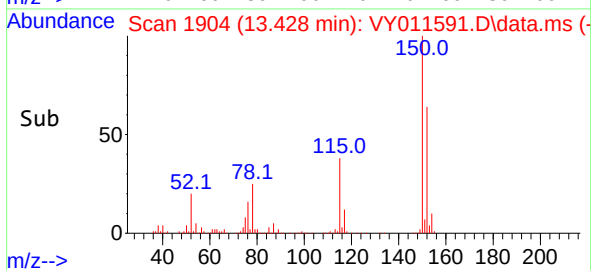
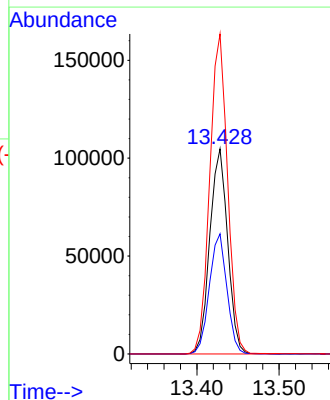
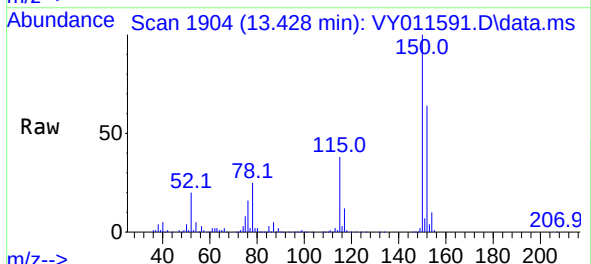
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

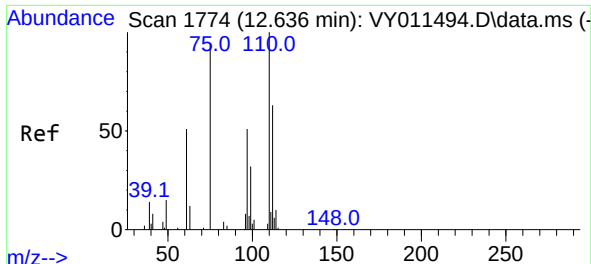
Tgt Ion:117 Resp: 357836
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion:152 Resp: 158084
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 155.7 0.0 347.6

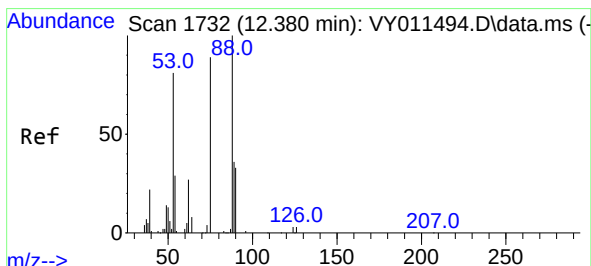
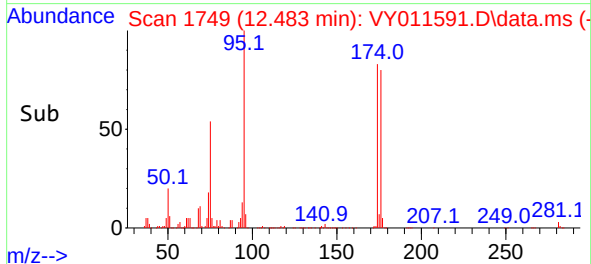
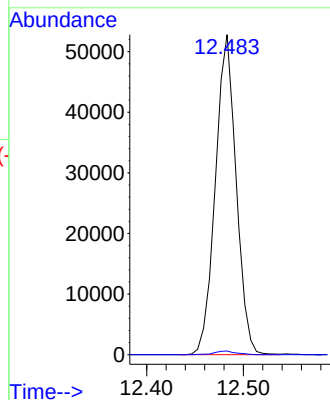
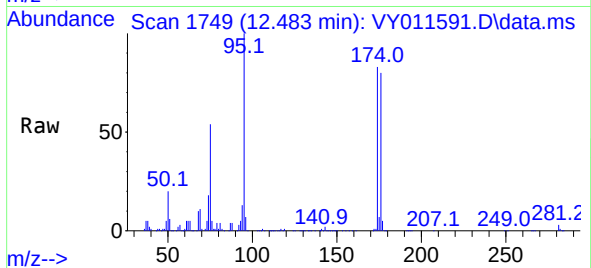




#76
1,2,3-Trichloropropane
Concen: 46.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

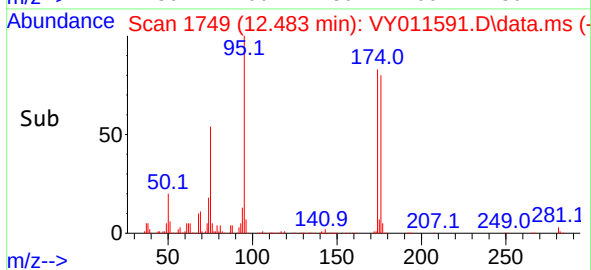
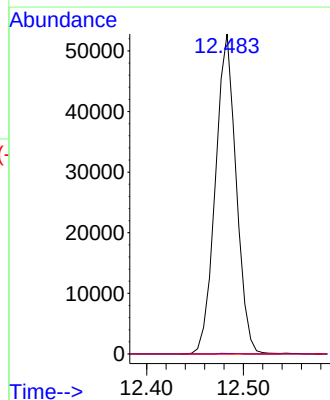
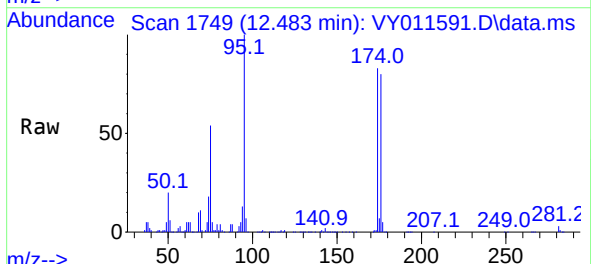
Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

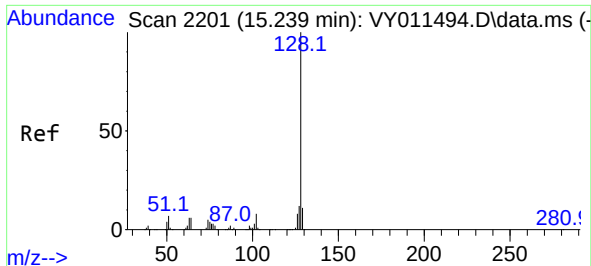
Tgt Ion: 75 Resp: 78756
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Tgt Ion: 75 Resp: 78756
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.117 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011591.D
Acq: 28 Nov 2022 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VY1128SBL01

Tgt Ion:128 Resp: 591
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

