

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY0809824.D
 Acq On : 04 Aug 2022 12:03
 Operator : KP/MD
 Sample : VY0804SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBL01

Quant Time: Aug 05 01:41:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

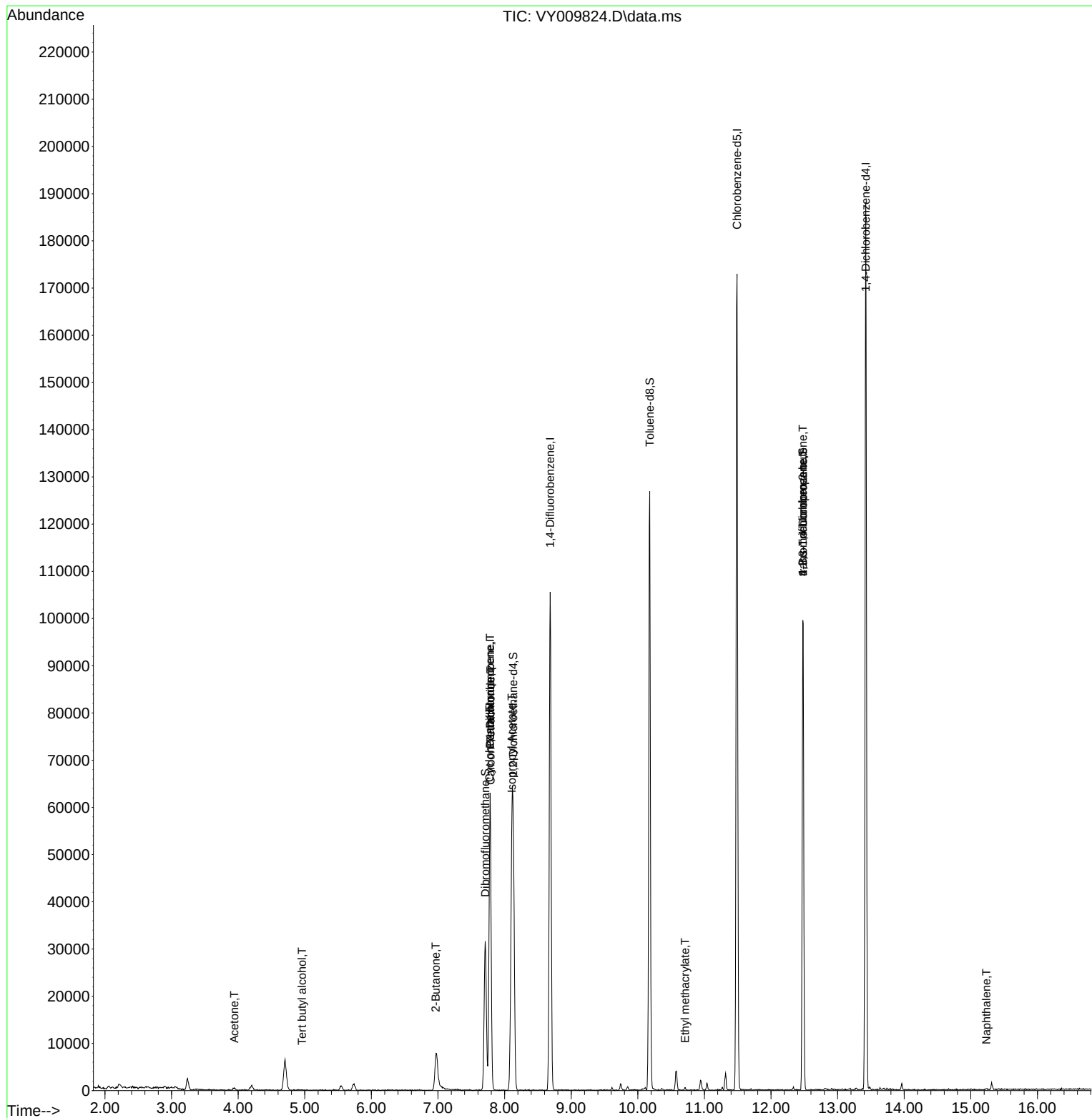
Internal Standards						
1) Pentafluorobenzene	7.782	168	46187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	88805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24501	66.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.080%	
35) Dibromofluoromethane	7.709	113	21802	40.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.540%	
50) Toluene-d8	10.178	98	79040	49.679	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.477	95	27325	37.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 74.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	325	Below Cal	73	
11) Tert butyl alcohol	4.960	59	126	2.569 ug/l	#	78
16) Acetone	3.942	43	809	6.188 ug/l	#	67
20) Methylene Chloride	4.704	84	4393	Below Cal	#	95
25) 2-Butanone	6.966	43	472	2.207 ug/l	#	53
31) Cyclohexane	7.776	56	1176	1.346 ug/l	#	45
36) 1,1-Dichloropropene	7.782	75	3851	4.287 ug/l	#	48
38) Carbon Tetrachloride	7.789	117	4664	4.937 ug/l	#	14
43) Isopropyl Acetate	8.106	43	1326	1.301 ug/l	#	11
56) Ethyl methacrylate	10.709	69	43	2.997 ug/l	#	1
76) 1,2,3-Trichloropropane	12.477	75	15606	30.063 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15606	64.523 ug/l	#	12
95) Naphthalene	15.232	128	203	5.520 ug/l	#	69

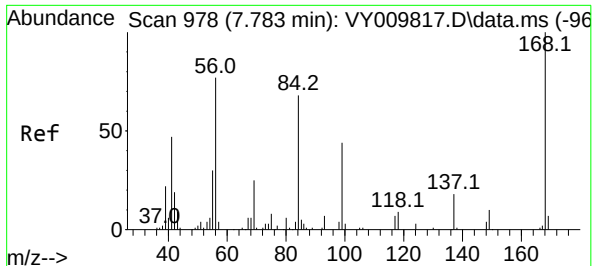
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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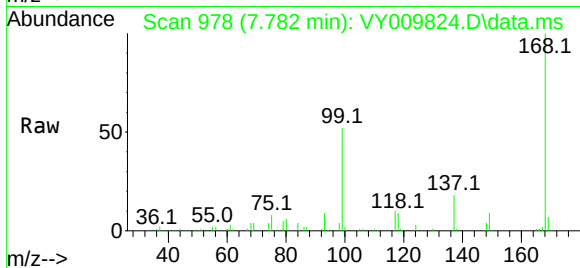
Quant Time: Aug 05 01:41:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
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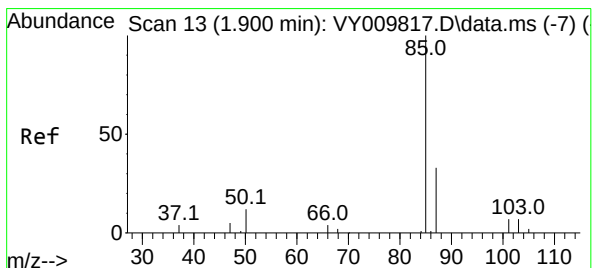
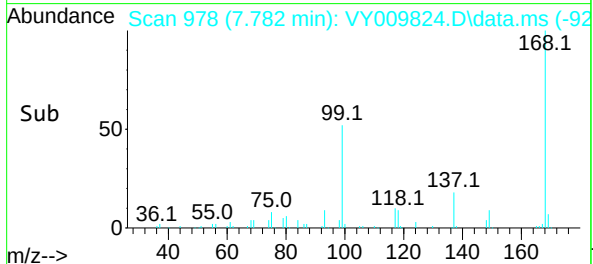
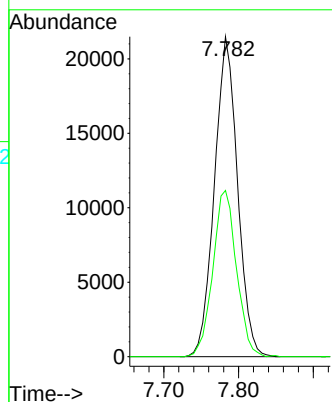


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

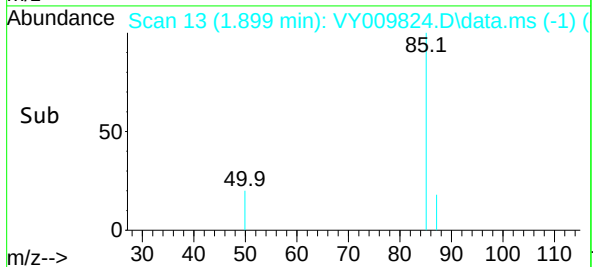
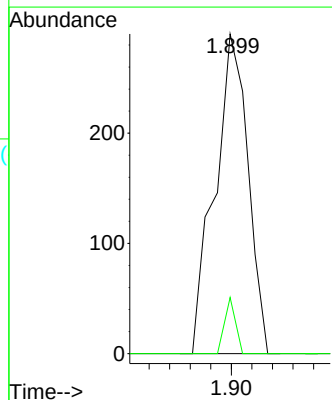
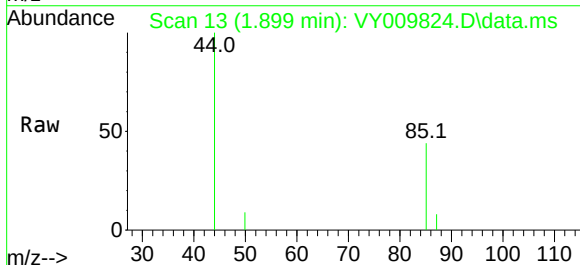


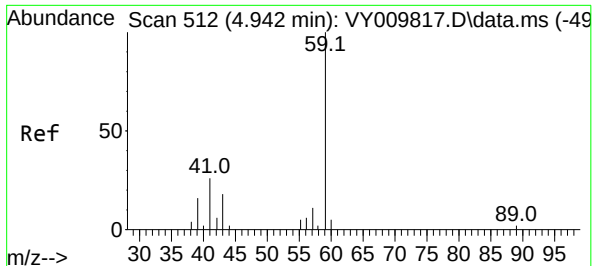
Tgt Ion:168 Resp: 46187
Ion Ratio Lower Upper
168 100
99 52.0 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion: 85 Resp: 325
Ion Ratio Lower Upper
85 100
87 17.6 16.4 49.2





#11

Tert butyl alcohol

Concen: 2.569 ug/l

RT: 4.960 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

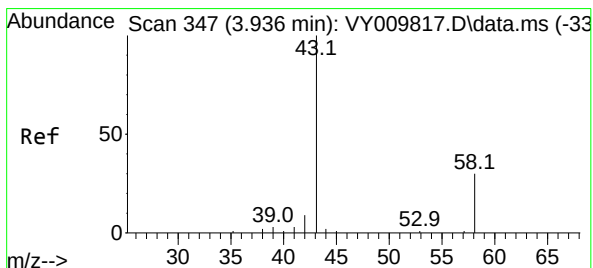
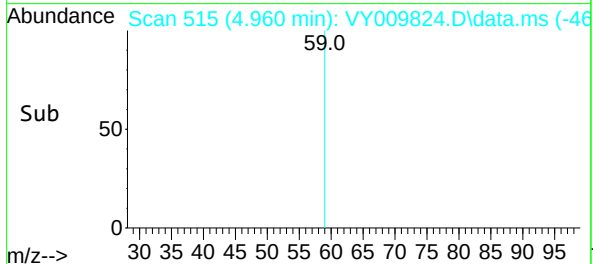
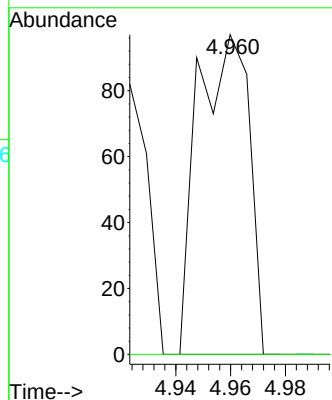
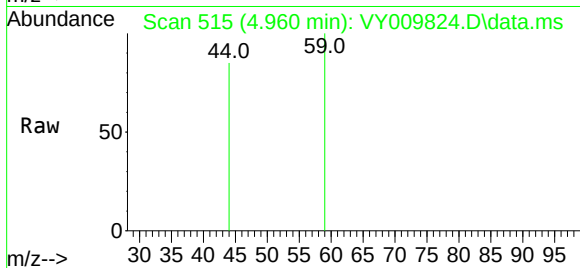
VY0804SBL01

Tgt Ion: 59 Resp: 126

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.2#



#16

Acetone

Concen: 6.188 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009824.D

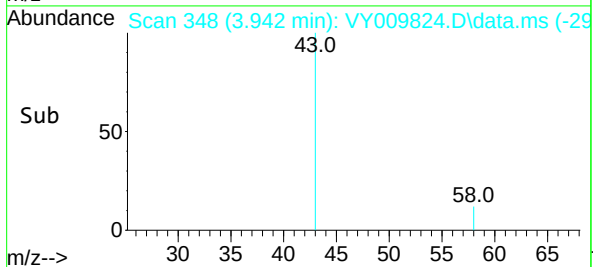
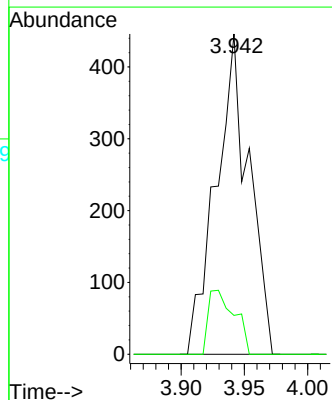
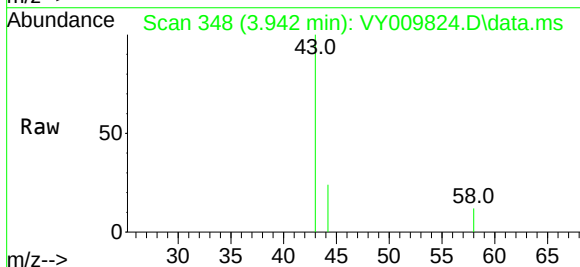
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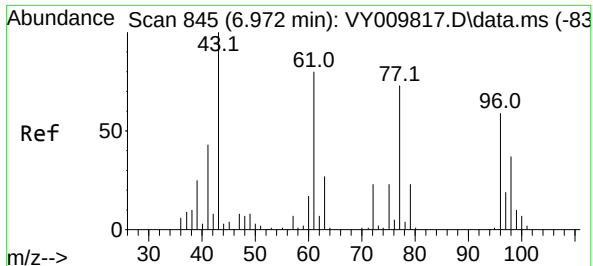
Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

58 12.1 24.1 36.1#

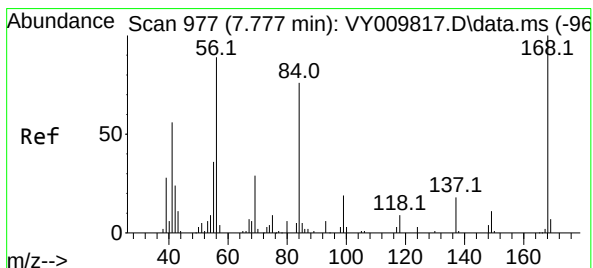
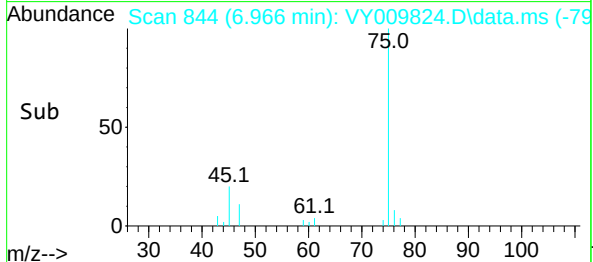
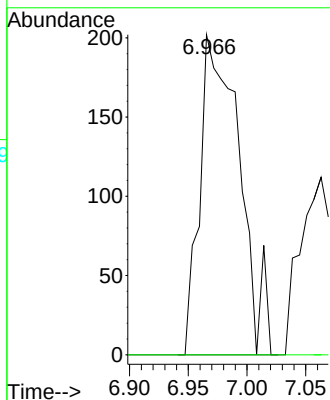
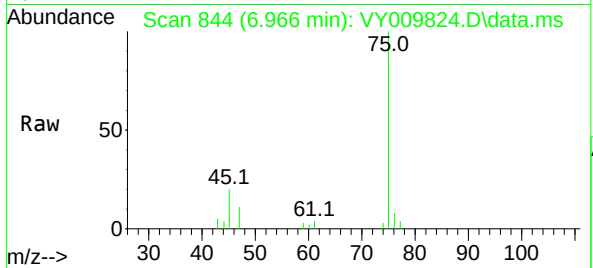




#25
2-Butanone
Concen: 2.207 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.007 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

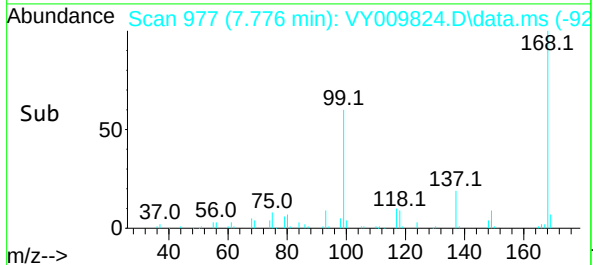
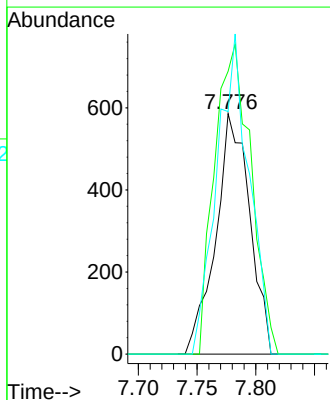
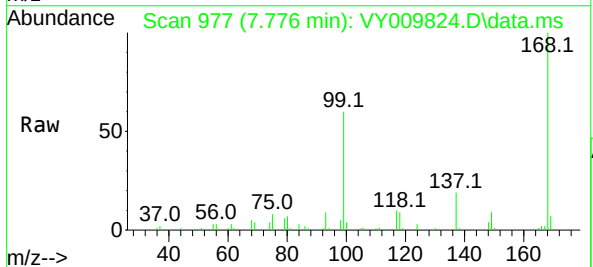
Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

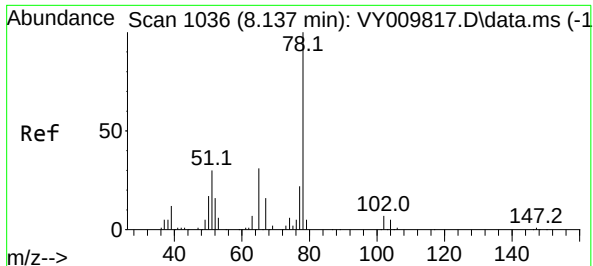
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion: 56 Resp: 1176
Ion Ratio Lower Upper
56 100
69 117.6 25.8 38.8#
84 100.9 67.9 101.9





#33

1,2-Dichloroethane-d4

Concen: 66.537 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

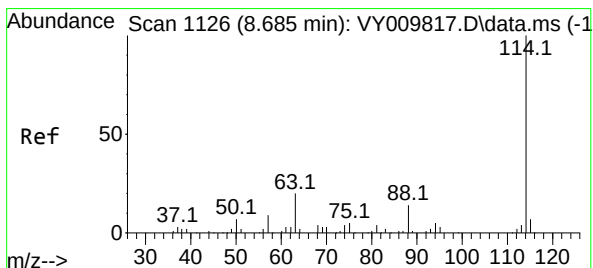
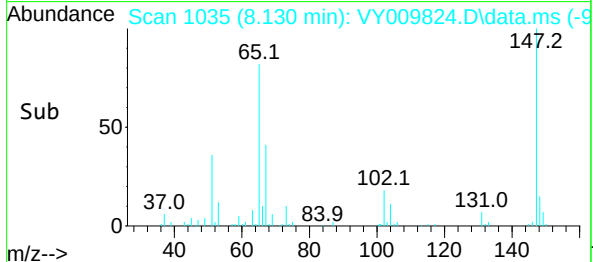
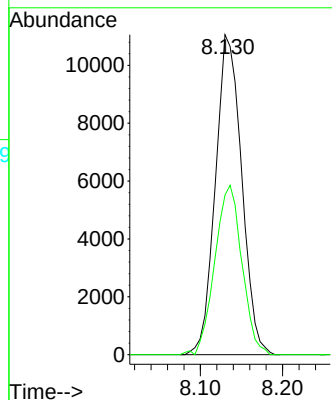
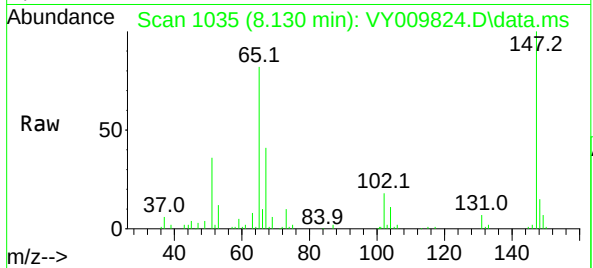
VY0804SBL01

Tgt Ion: 65 Resp: 24501

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

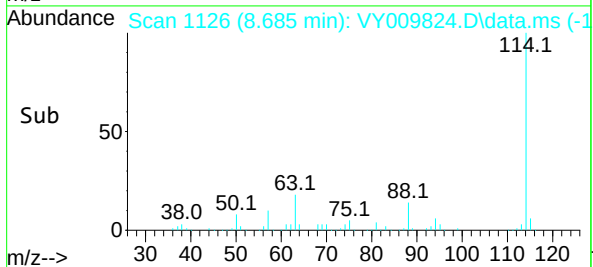
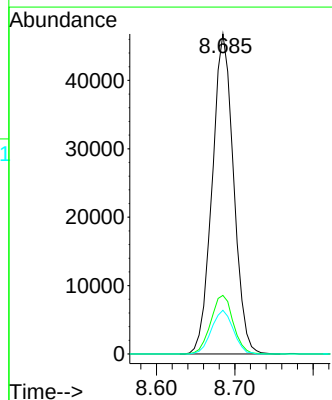
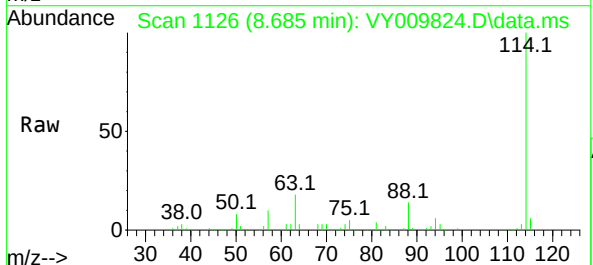
Tgt Ion: 114 Resp: 88805

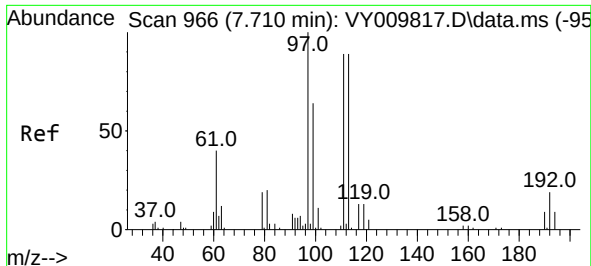
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 13.6 0.0 27.6





#35

Dibromofluoromethane

Concen: 40.266 ug/l

RT: 7.709 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0804SBL01

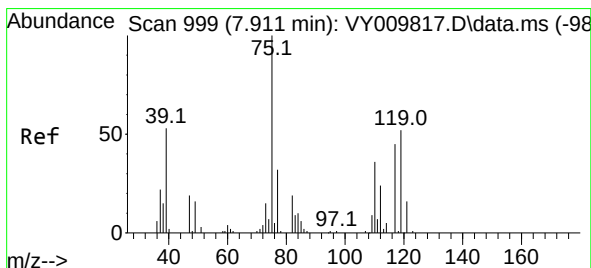
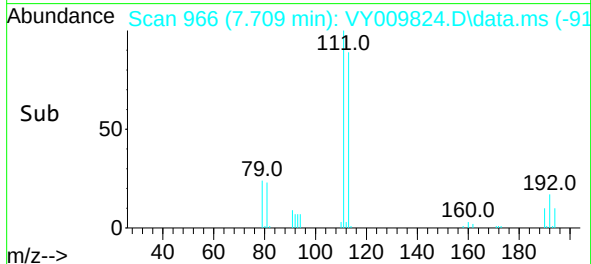
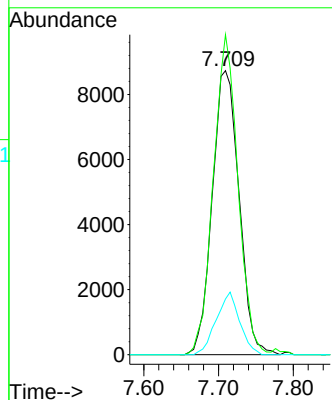
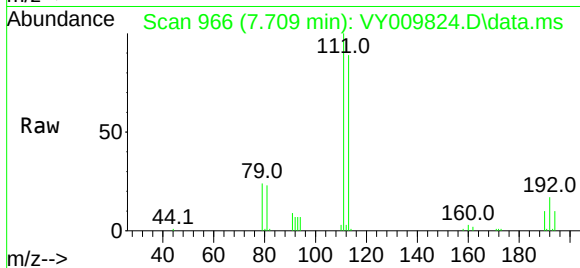
Tgt Ion:113 Resp: 21802

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.3 16.5 24.7



#36

1,1-Dichloropropene

Concen: 4.287 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.129 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

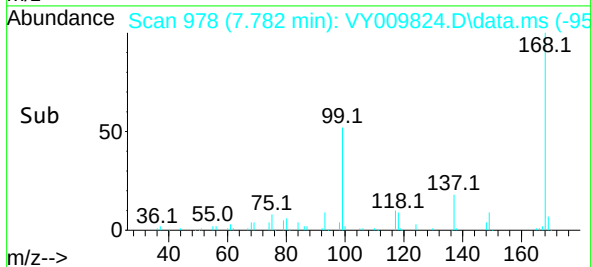
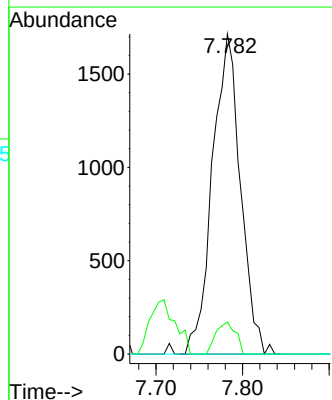
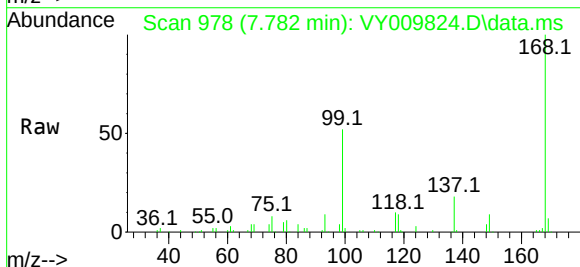
Tgt Ion: 75 Resp: 3851

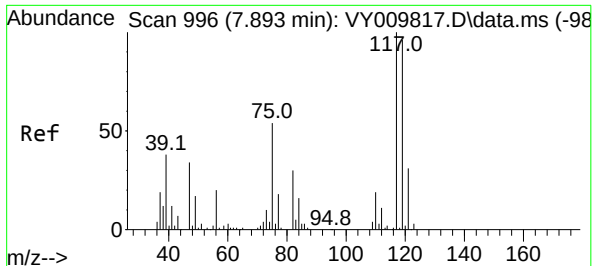
Ion Ratio Lower Upper

75 100

110 7.1 17.8 53.4#

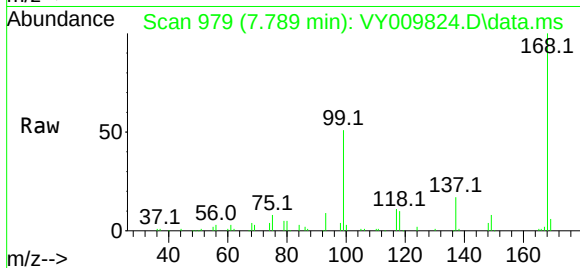
77 0.0 24.6 36.8#



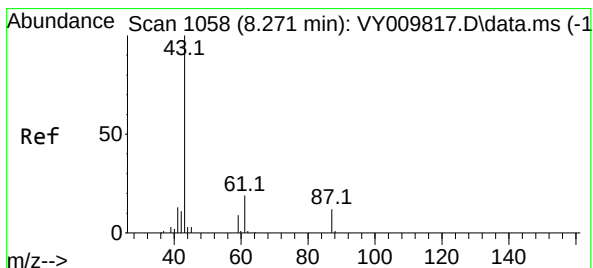
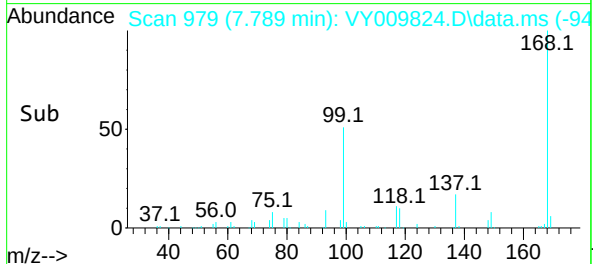
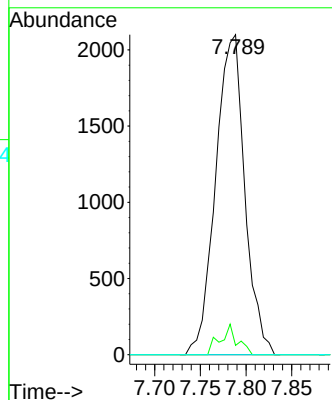


#38
Carbon Tetrachloride
Concen: 4.937 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

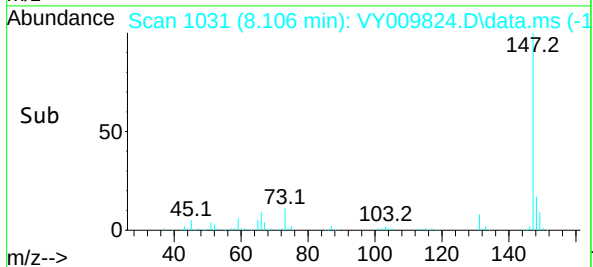
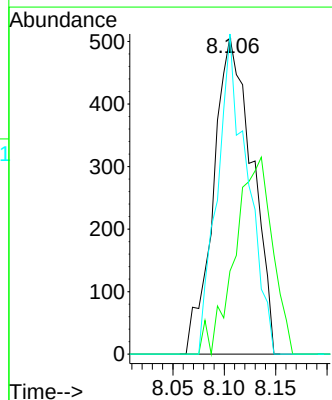
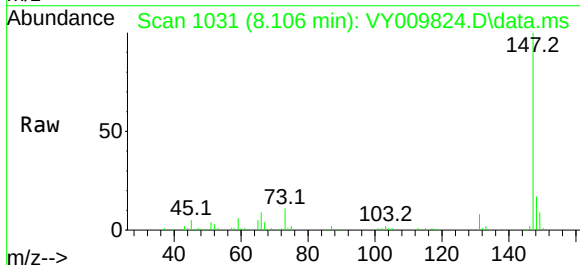


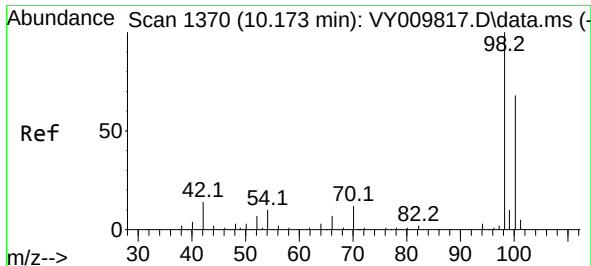
Tgt Ion:117 Resp: 4664
Ion Ratio Lower Upper
117 100
119 2.9 76.8 115.2#
121 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.301 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.165 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
61 0.0 21.4 32.0#
87 78.9 9.2 13.8#

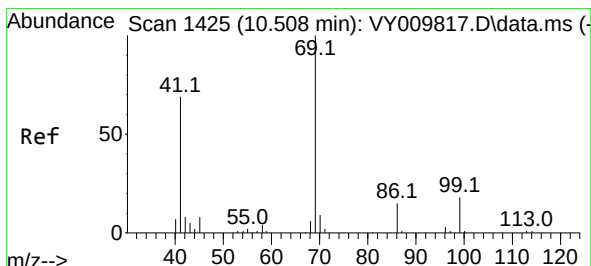
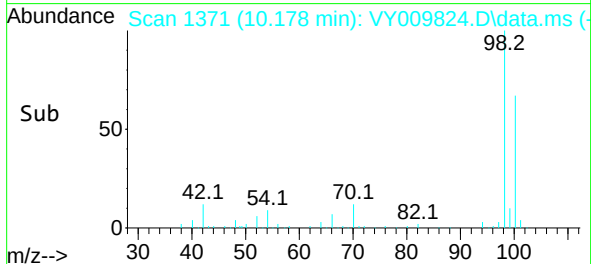
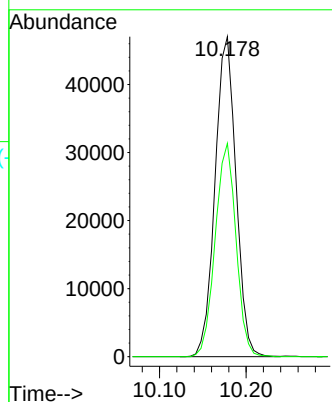
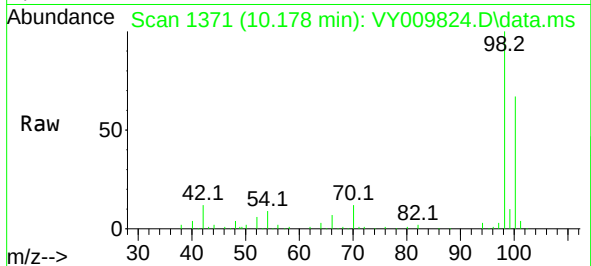




#50
Toluene-d8
Concen: 49.679 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

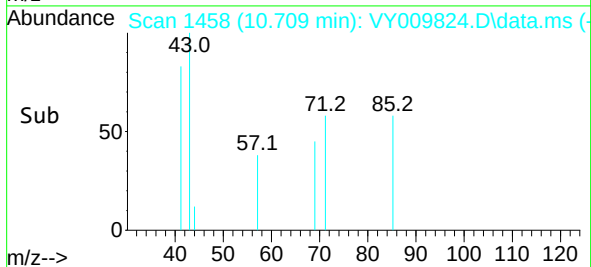
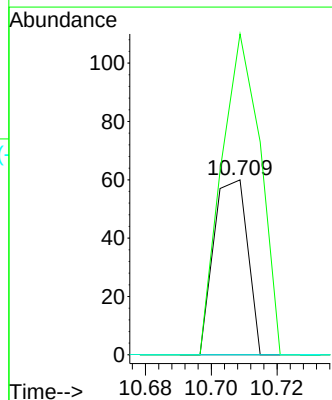
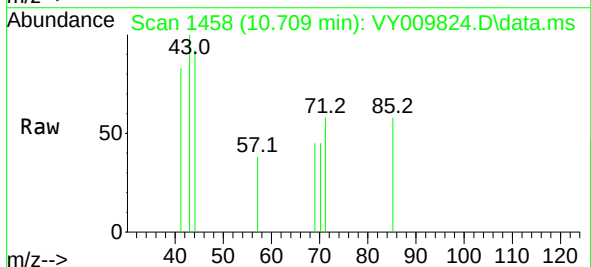
Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

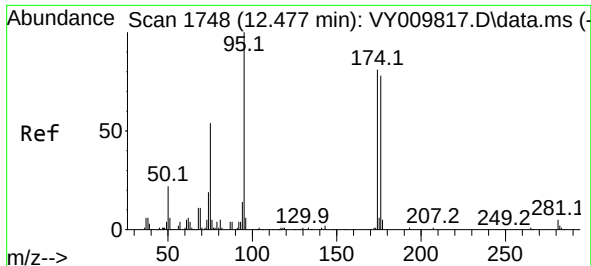
Tgt Ion: 98 Resp: 79040
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.2



#56
Ethyl methacrylate
Concen: 2.997 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. 0.201 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion: 69 Resp: 43
Ion Ratio Lower Upper
69 100
41 209.3 58.2 87.4#
39 0.0 33.8 50.8#





#62

4-Bromofluorobenzene

Concen: 37.268 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0804SBL01

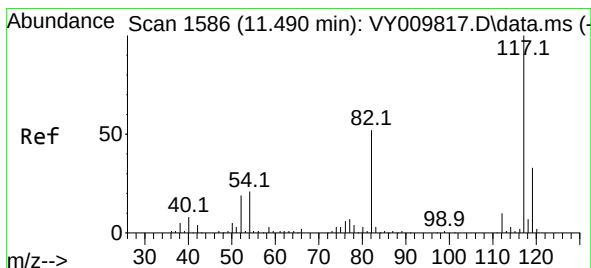
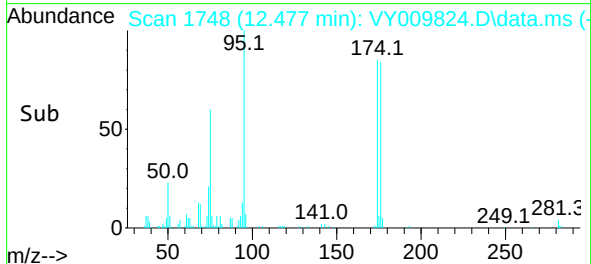
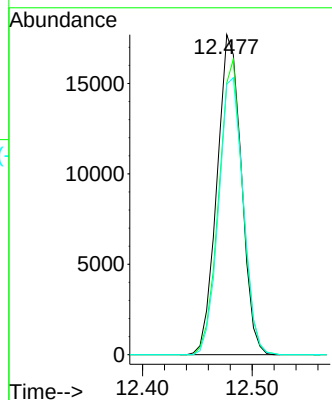
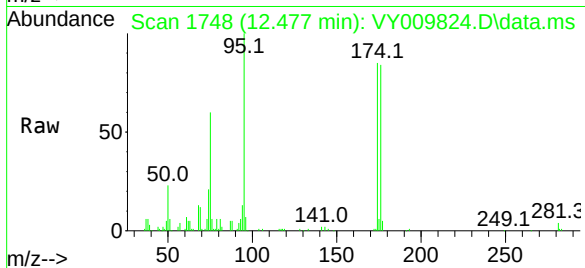
Tgt Ion: 95 Resp: 27325

Ion Ratio Lower Upper

95 100

174 90.1 0.0 168.6

176 87.5 0.0 163.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY009824.D

Acq: 04 Aug 2022 12:03

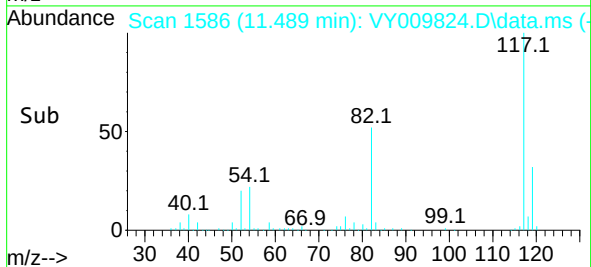
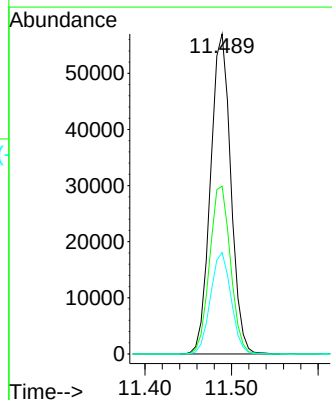
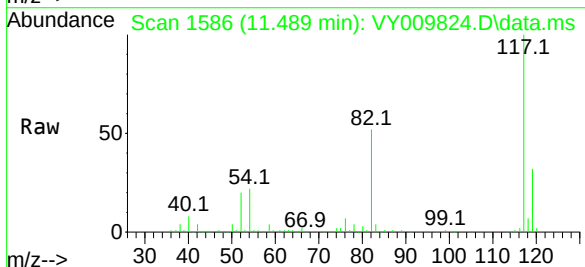
Tgt Ion: 117 Resp: 92803

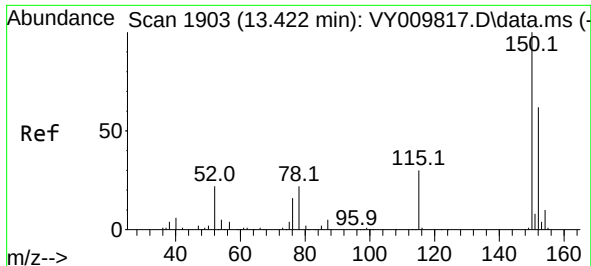
Ion Ratio Lower Upper

117 100

82 52.4 41.7 62.5

119 31.7 26.6 40.0

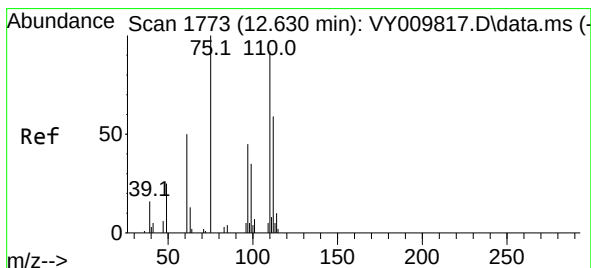
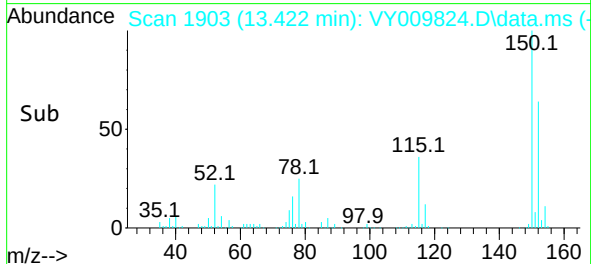
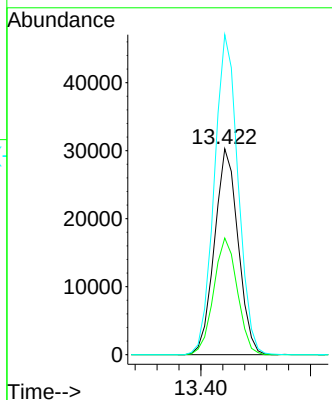
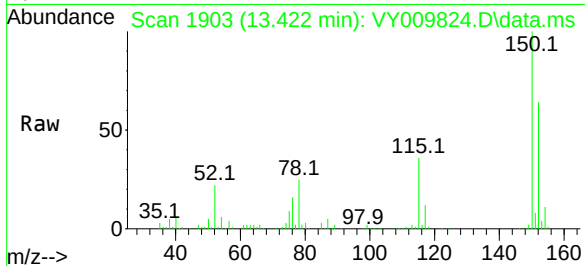




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.001 min
 Lab File: VY009824.D
 Acq: 04 Aug 2022 12:03

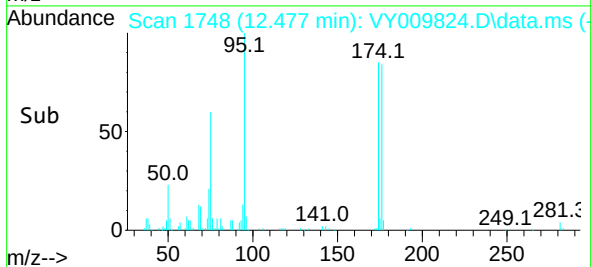
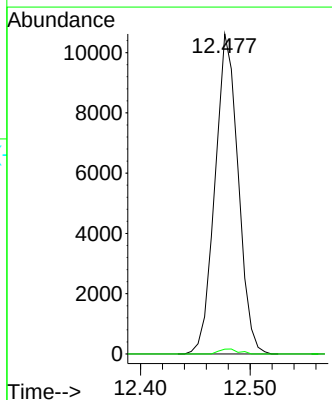
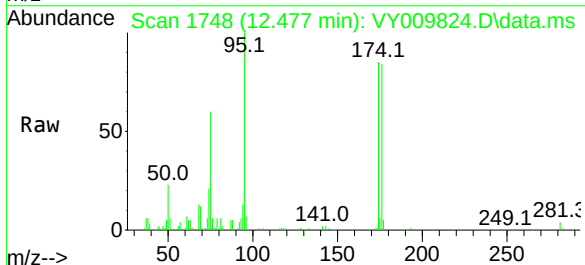
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBL01

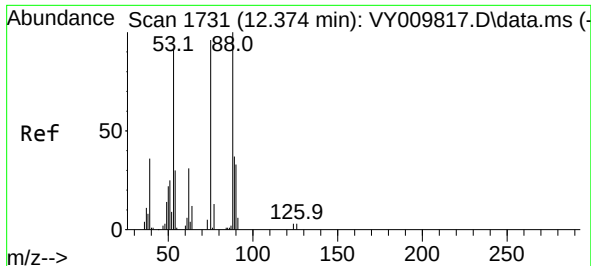
Tgt Ion:152 Resp: 45379
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.9 86.7
 150 156.2 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 30.063 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009824.D
 Acq: 04 Aug 2022 12:03

Tgt Ion: 75 Resp: 15606
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

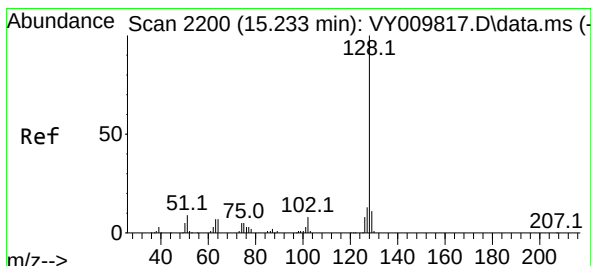
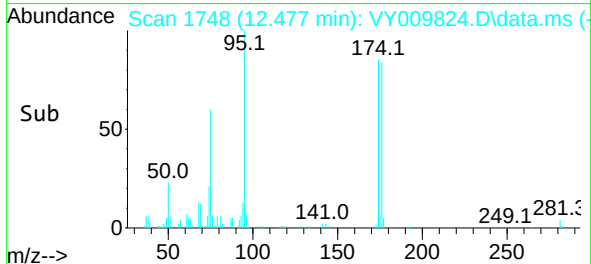
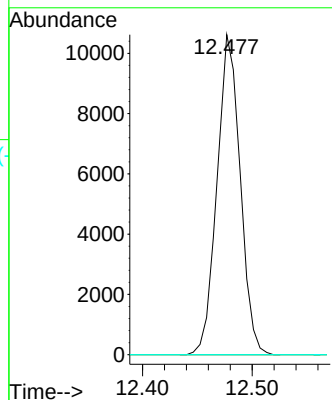
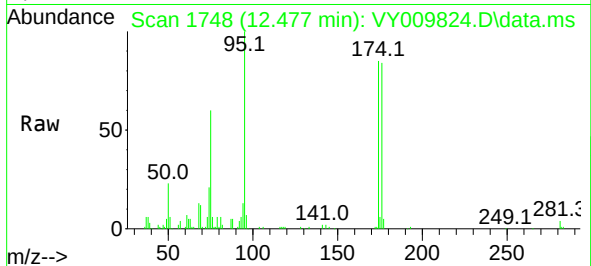




#81
trans-1,4-Dichloro-2-butene
Concen: 64.523 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0804SBL01

Tgt Ion: 75 Resp: 15606
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.520 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY009824.D
Acq: 04 Aug 2022 12:03

Tgt Ion: 128 Resp: 203
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

