

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011711.D
 Acq On : 06 Dec 2022 12:00
 Operator : KP/MD
 Sample : VY1206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBL01

Quant Time: Dec 06 23:43:26 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)

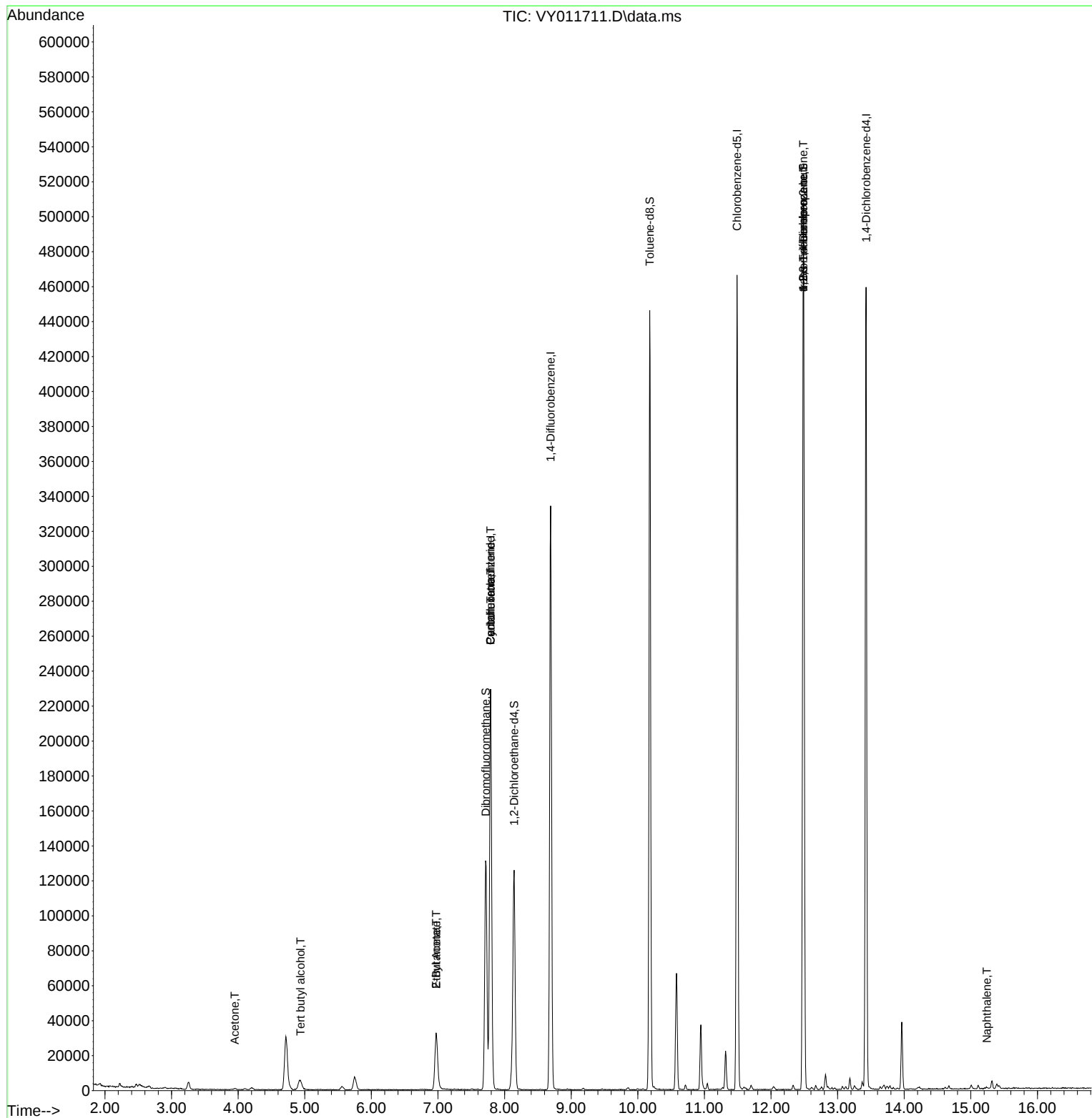
Internal Standards						
1) Pentafluorobenzene	7.789	168	174230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94289	53.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.600%	
35) Dibromofluoromethane	7.716	113	92172	52.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.179	98	289507	45.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.040%	
62) 4-Bromofluorobenzene	12.483	95	106479	45.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	464	Below Cal		83
3) Chloromethane	2.119	50	348	Below Cal		99
5) Bromomethane	2.662	94	354	Below Cal	#	59
11) Tert butyl alcohol	4.936	59	6134	2.335	ug/l #	78
16) Acetone	3.948	43	1313	2.285	ug/l #	79
18) Methyl Acetate	4.302	43	52	Below Cal	#	56
20) Methylene Chloride	4.716	84	22701	Below Cal	#	82
25) 2-Butanone	6.972	43	1912	2.532	ug/l #	81
31) Cyclohexane	7.789	56	3814	1.301	ug/l #	16
37) Ethyl Acetate	6.972	43	1912	1.227	ug/l #	1
38) Carbon Tetrachloride	7.789	117	17490	5.714	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	58951	46.166	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58951	101.119	ug/l #	8
95) Naphthalene	15.239	128	1222	4.288	ug/l #	78

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
Data File : VY011711.D
Acq On : 06 Dec 2022 12:00
Operator : KP/MD
Sample : VY1206SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

Quant Time: Dec 06 23:43:26 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

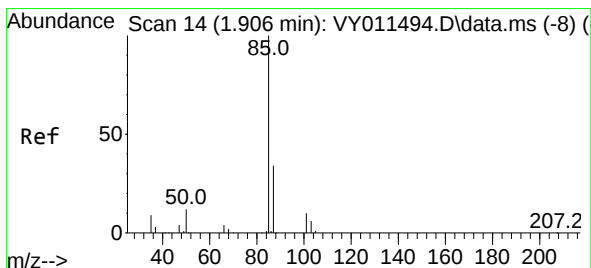
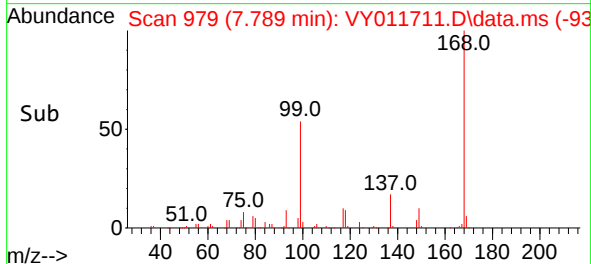
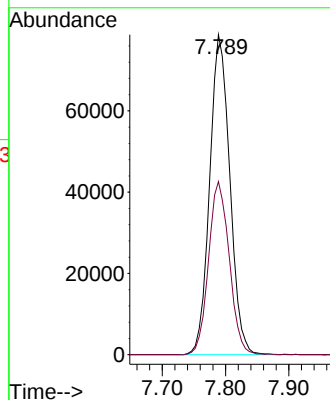
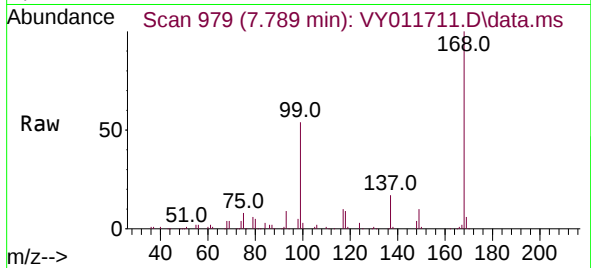




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

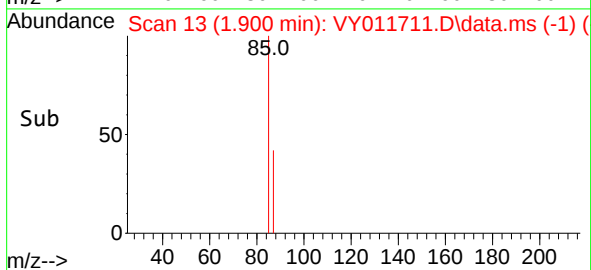
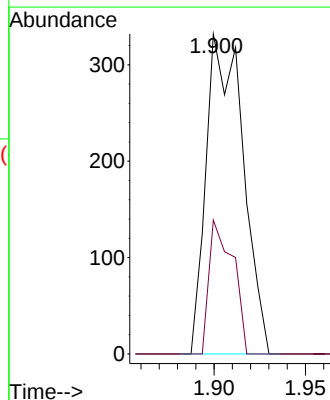
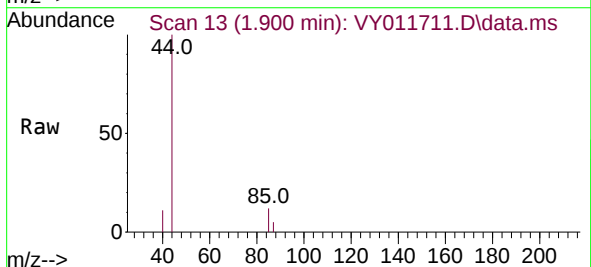
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

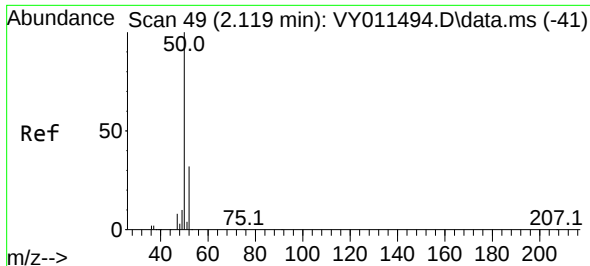
Tgt Ion:168 Resp: 174230
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion: 85 Resp: 464
Ion Ratio Lower Upper
85 100
87 41.9 16.1 48.2

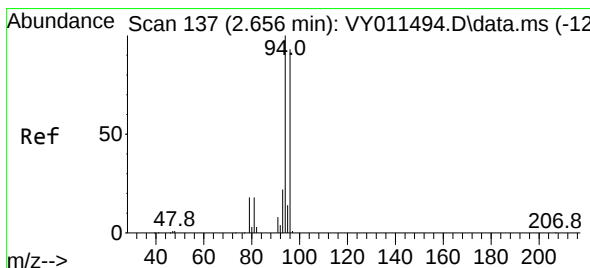
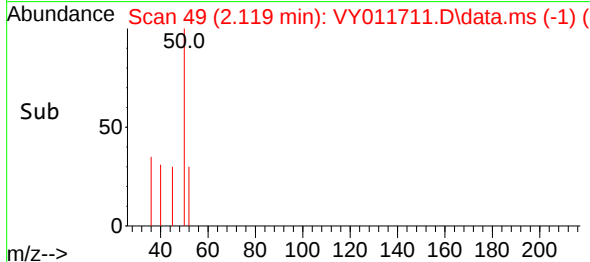
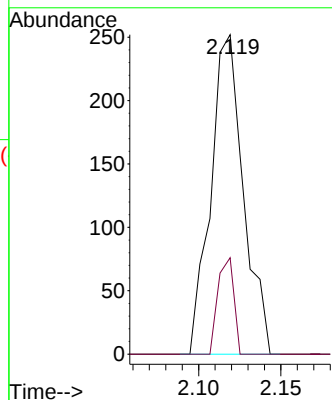
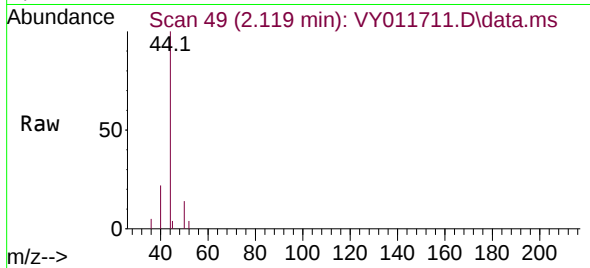




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

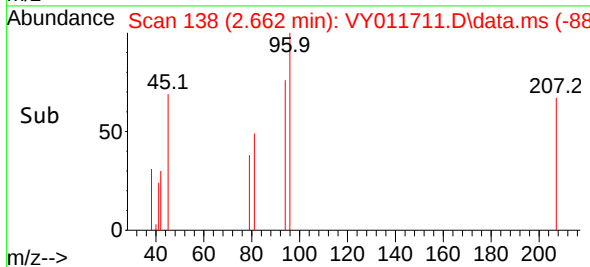
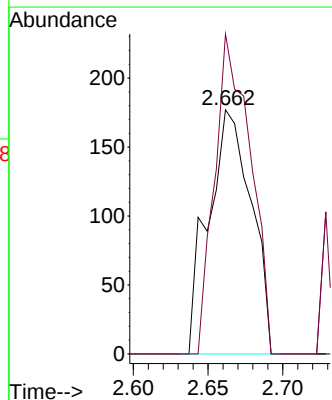
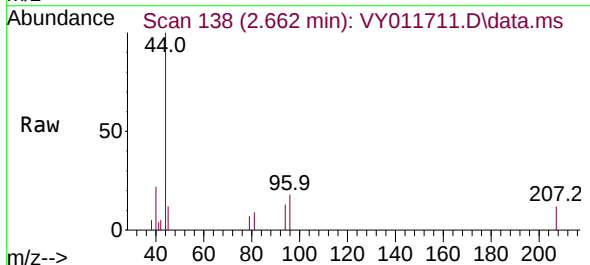
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

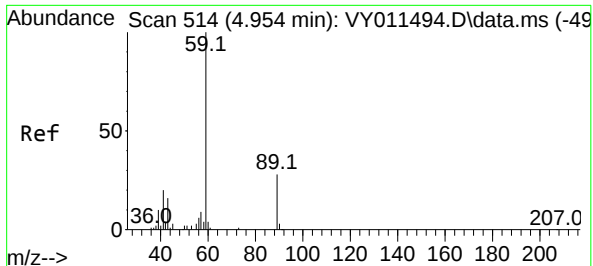
Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 30.2 24.6 37.0



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion: 94 Resp: 354
Ion Ratio Lower Upper
94 100
96 131.1 73.5 110.3#





#11

Tert butyl alcohol

Concen: 2.335 ug/l

RT: 4.936 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY011711.D

Acq: 06 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

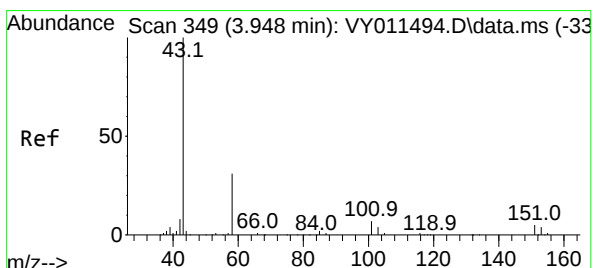
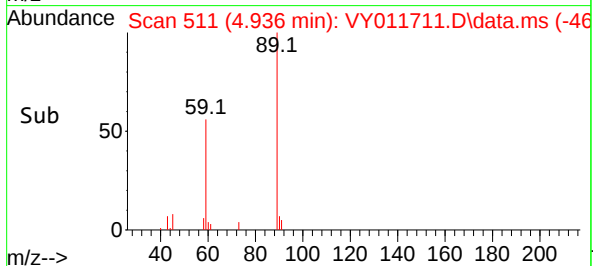
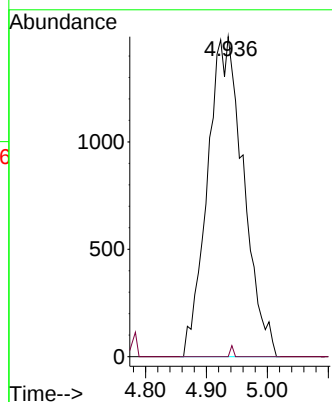
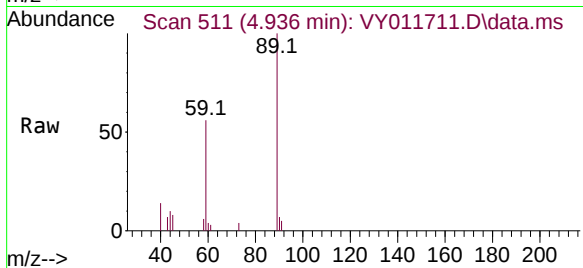
VY1206SBL01

Tgt Ion: 59 Resp: 6134

Ion Ratio Lower Upper

59 100

57 0.3 6.4 9.6#



#16

Acetone

Concen: 2.285 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY011711.D

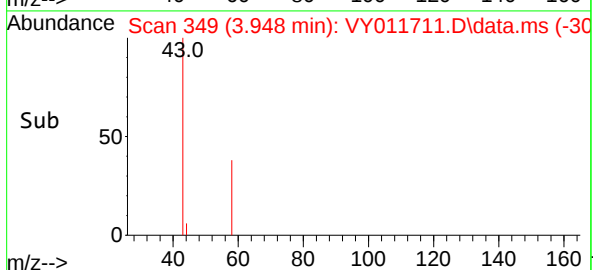
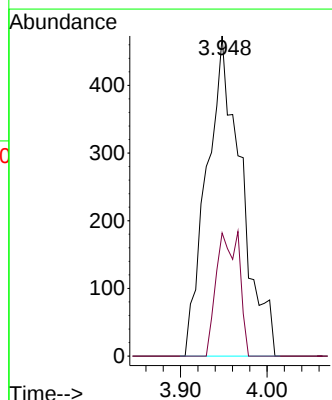
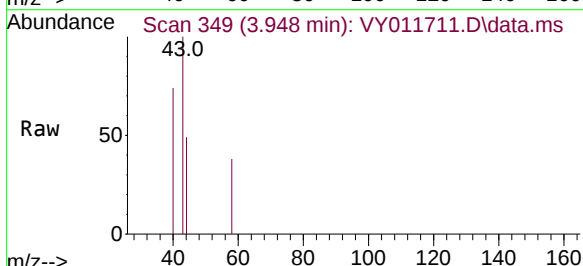
Acq: 06 Dec 2022 12:00

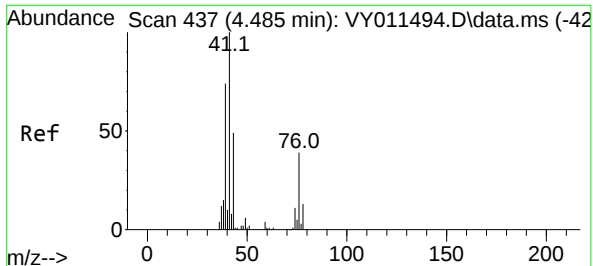
Tgt Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

58 38.5 22.0 33.0#

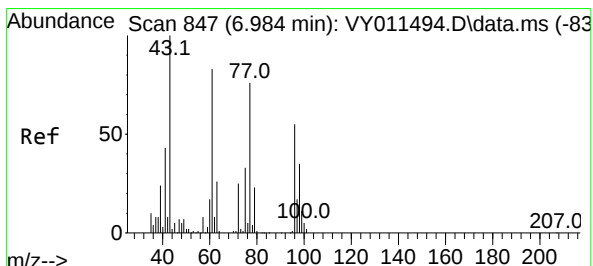
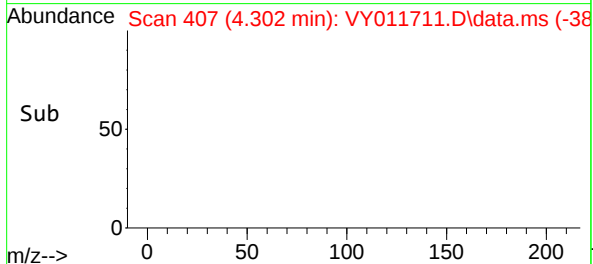
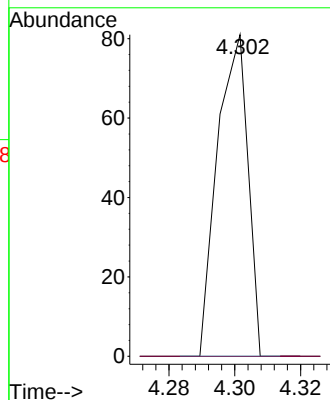
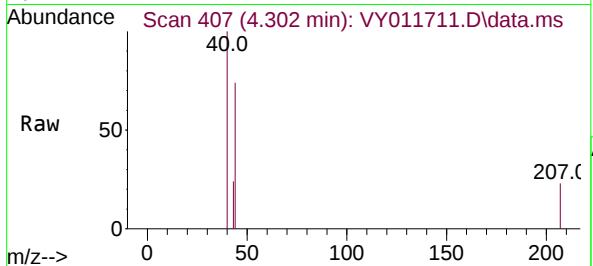




#18
Methyl Acetate
Concen: Below Cal
RT: 4.302 min Scan# 407
Delta R.T. -0.183 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

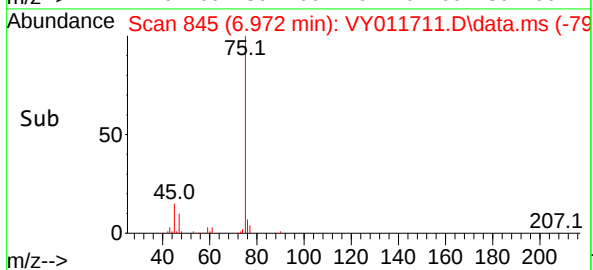
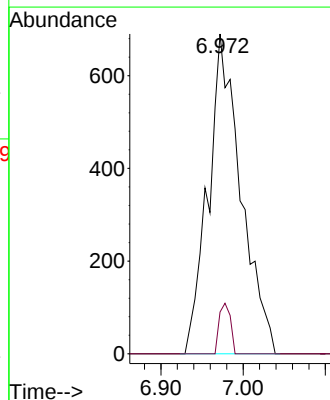
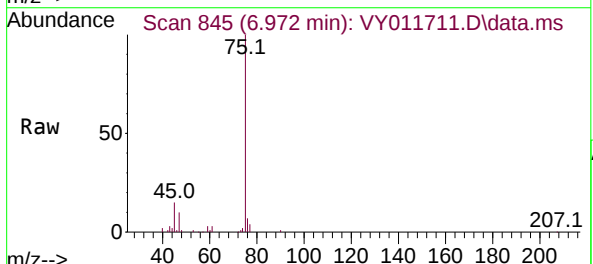
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

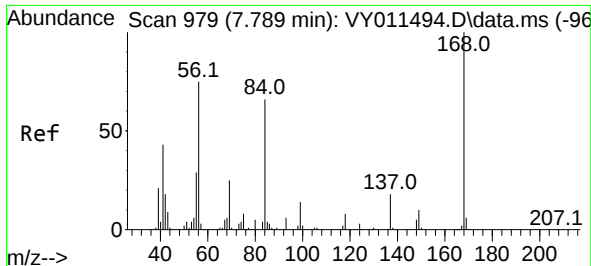
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.532 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
72 13.0 17.7 26.5#

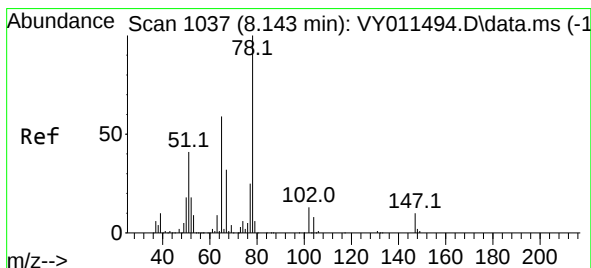
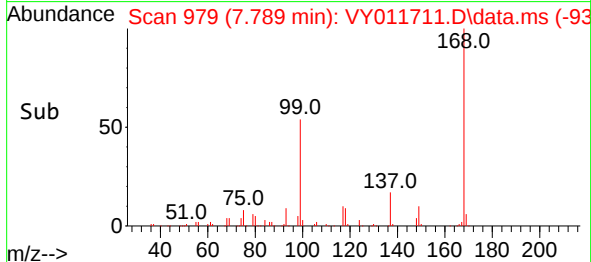
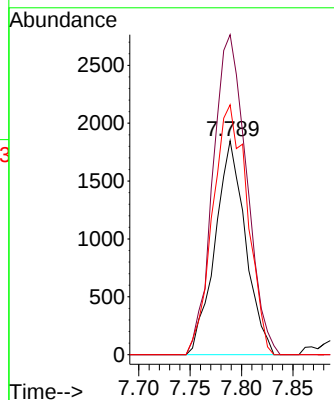
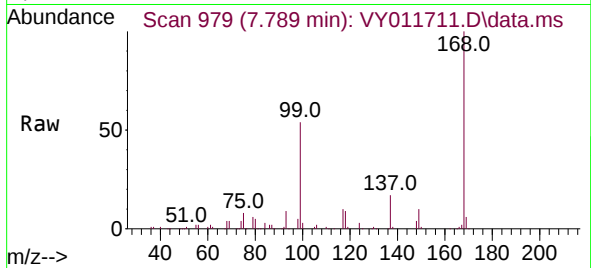




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

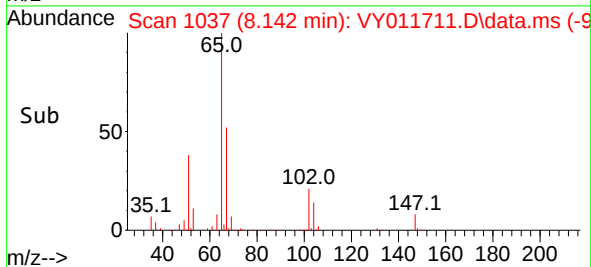
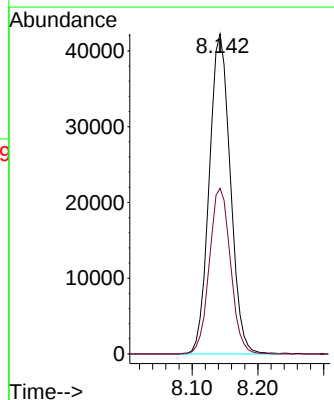
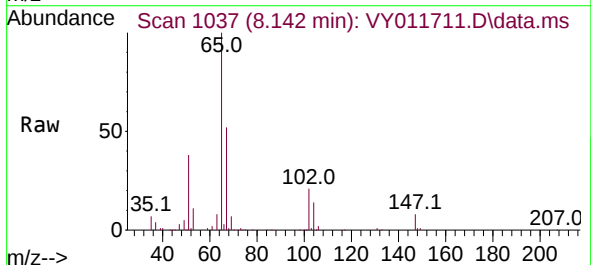
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

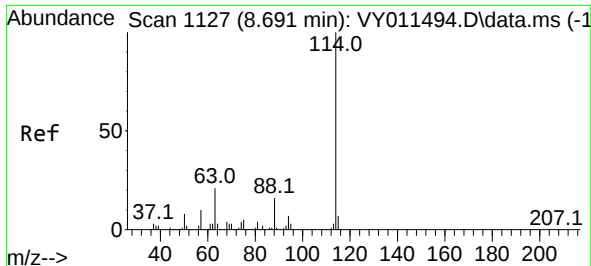
Tgt Ion: 56 Resp: 3814
Ion Ratio Lower Upper
56 100
69 149.5 26.7 40.1#
84 116.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.297 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion: 65 Resp: 94289
Ion Ratio Lower Upper
65 100
67 52.0 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: VY011711.D

Acq: 06 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBL01

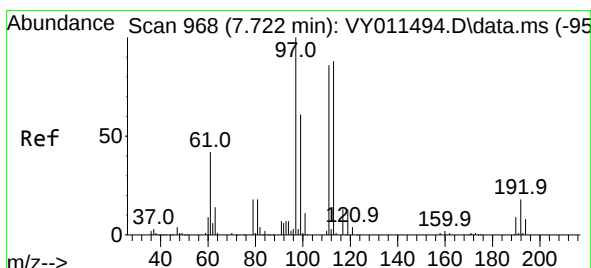
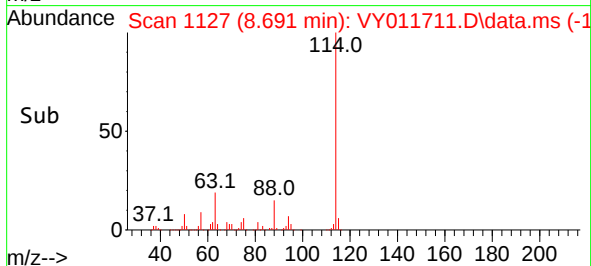
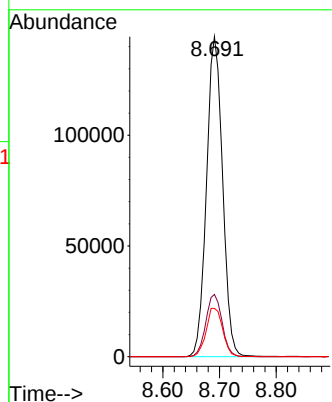
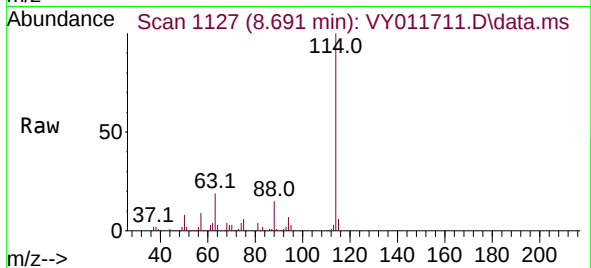
Tgt Ion:114 Resp: 284331

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.660 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011711.D

Acq: 06 Dec 2022 12:00

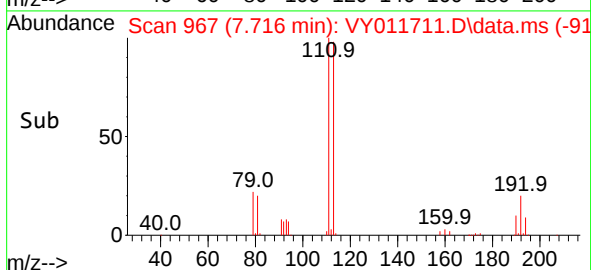
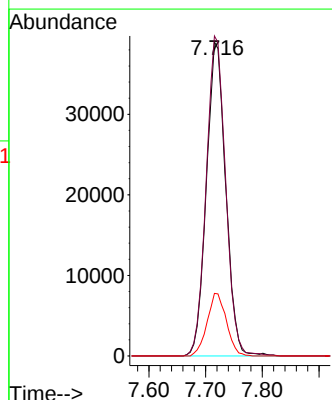
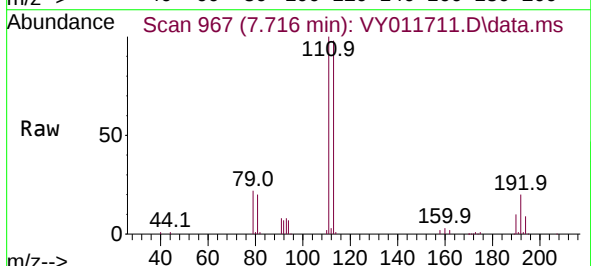
Tgt Ion:113 Resp: 92172

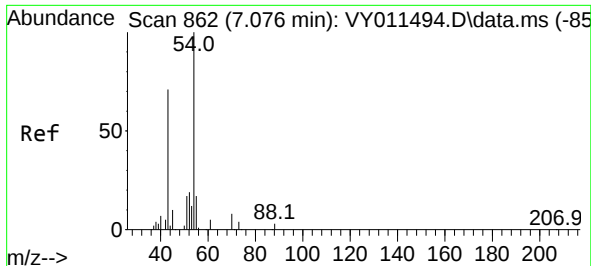
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.9 17.6 26.4





#37

Ethyl Acetate

Concen: 1.227 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY011711.D

Acq: 06 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBL01

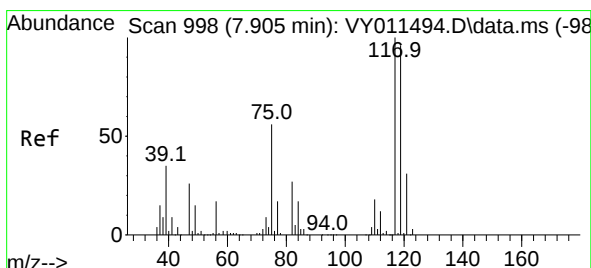
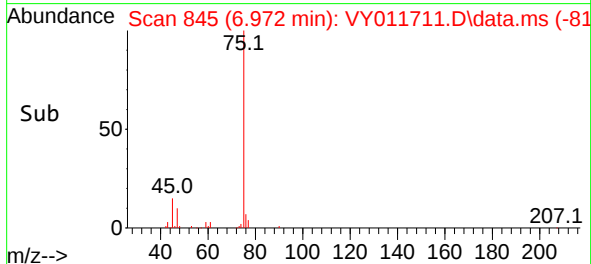
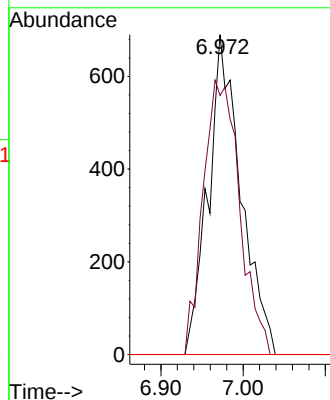
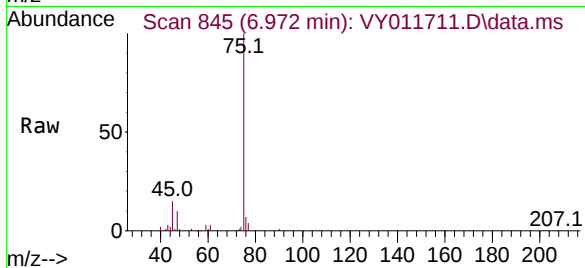
Tgt Ion: 43 Resp: 1912

Ion Ratio Lower Upper

43 100

61 95.2 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011711.D

Acq: 06 Dec 2022 12:00

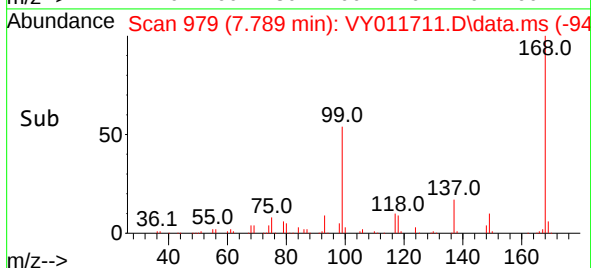
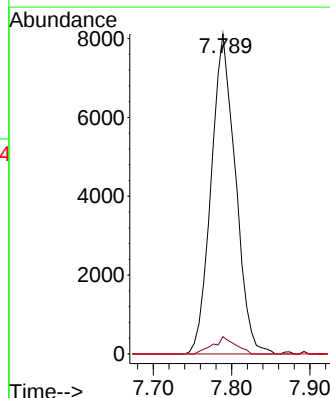
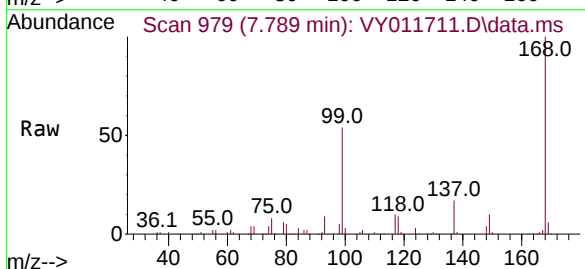
Tgt Ion: 117 Resp: 17490

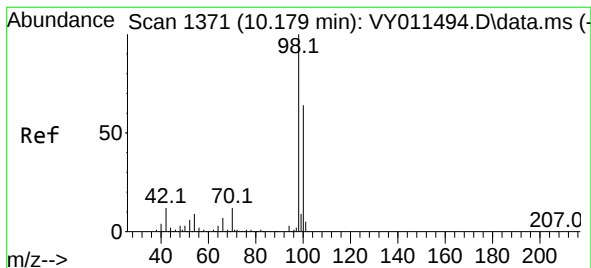
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

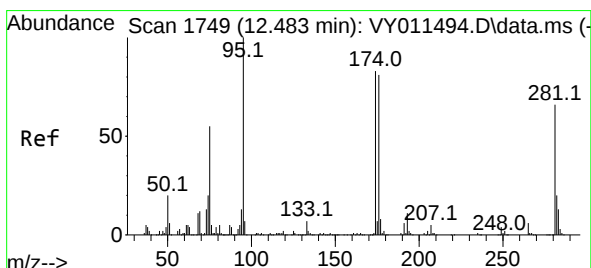
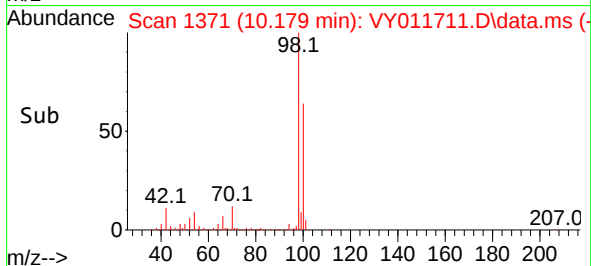
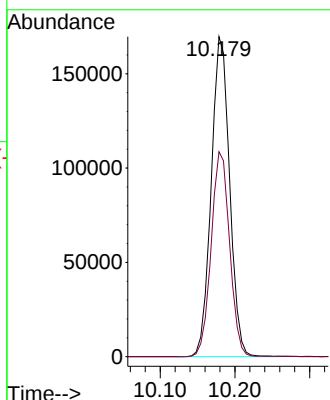
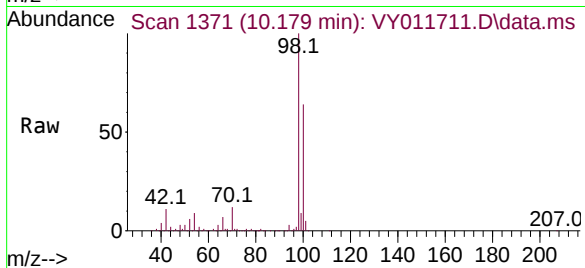




#50
Toluene-d8
Concen: 45.516 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

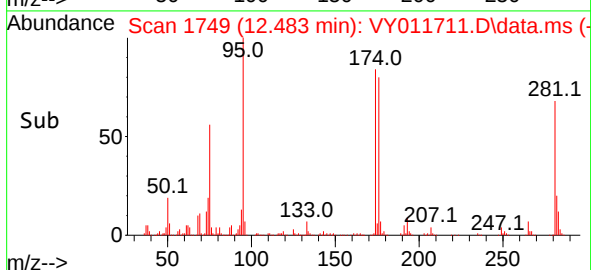
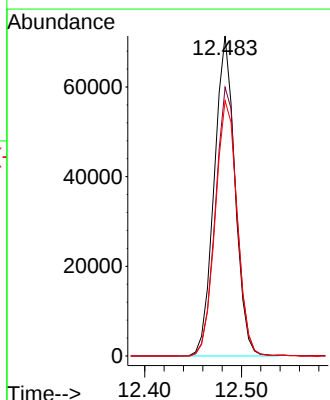
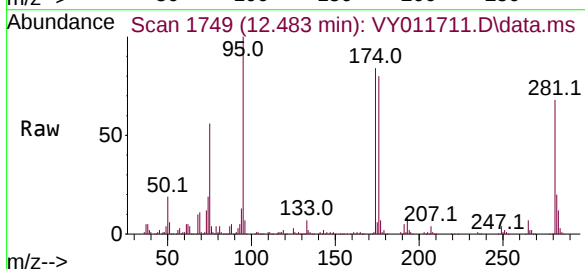
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

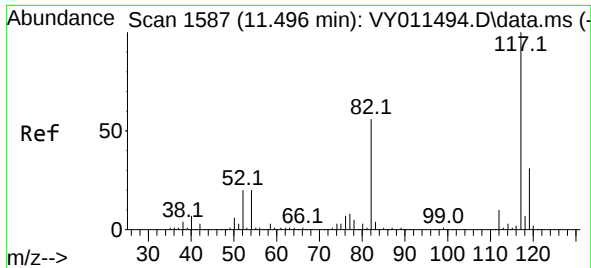
Tgt Ion: 98 Resp: 289507
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.278 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion: 95 Resp: 106479
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 84.1 0.0 175.8

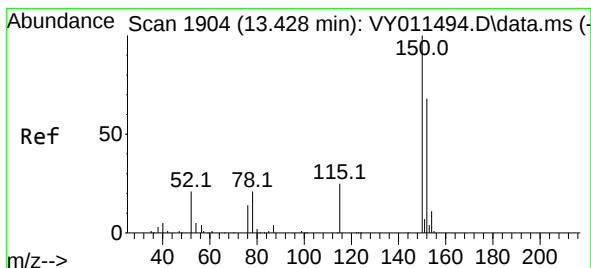
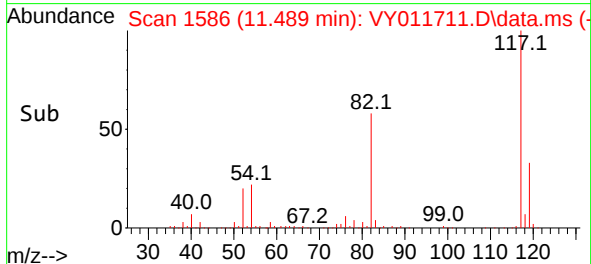
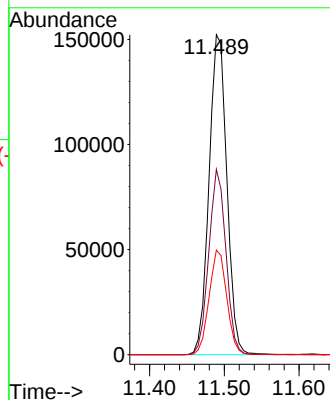
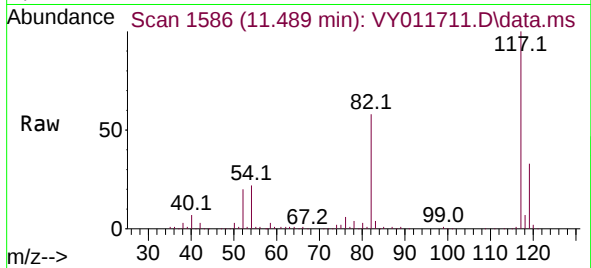




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

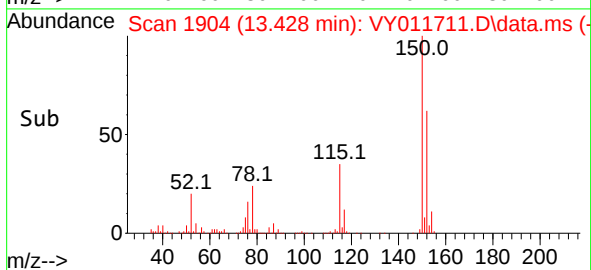
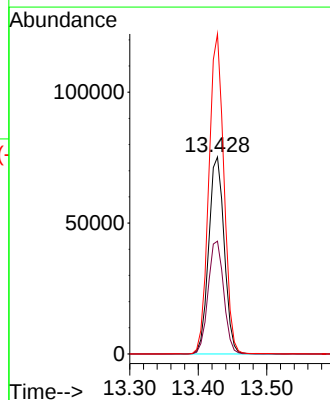
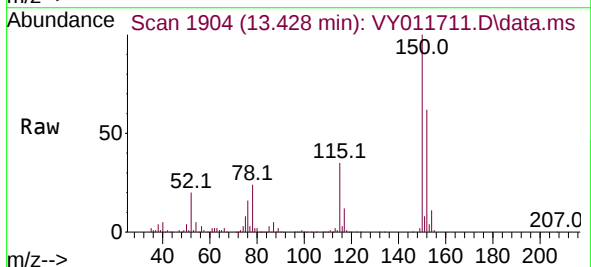
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

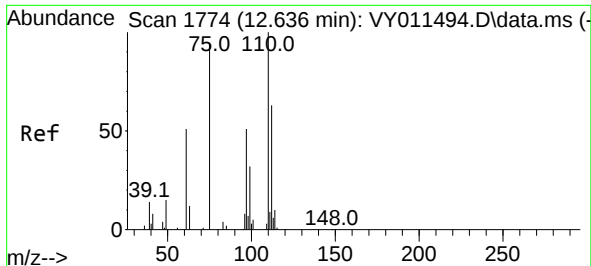
Tgt Ion:117 Resp: 252698
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion:152 Resp: 118572
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 157.7 0.0 347.6

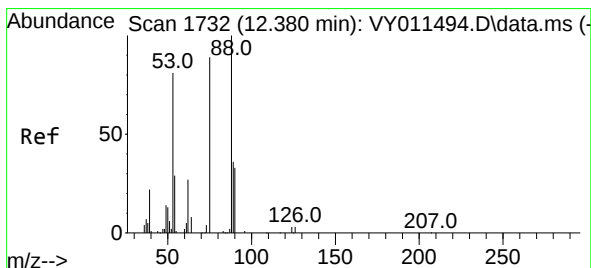
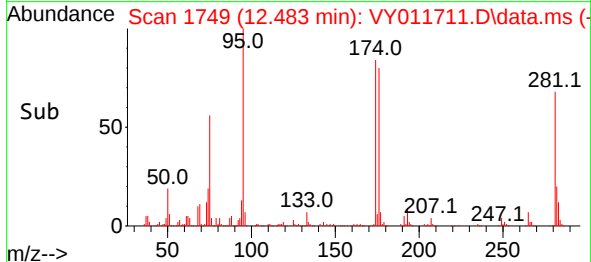
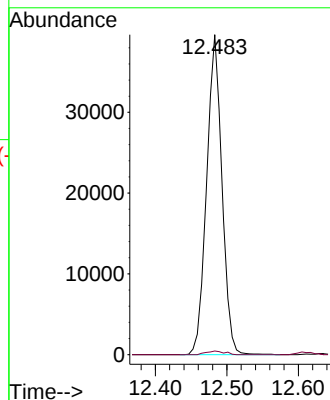
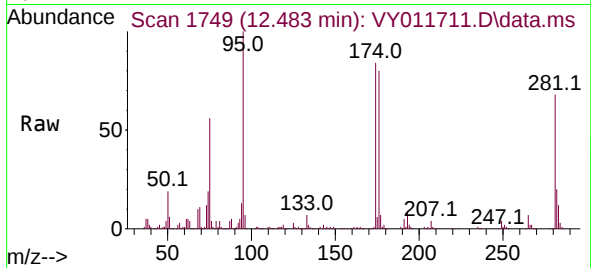




#76
1,2,3-Trichloropropane
Concen: 46.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

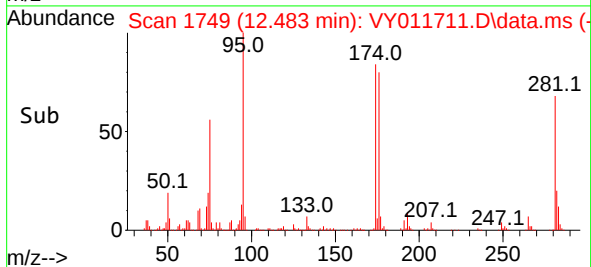
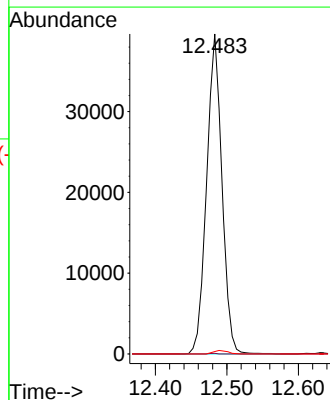
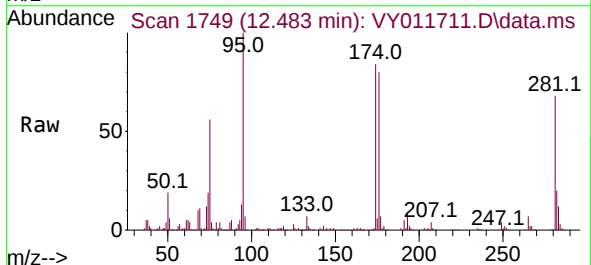
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBL01

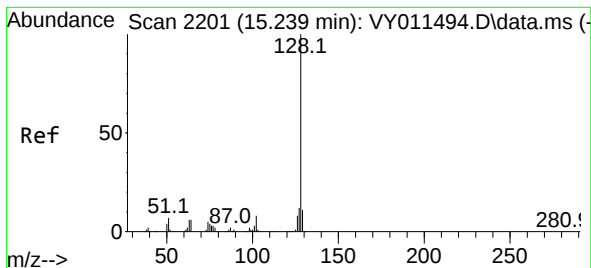
Tgt Ion: 75 Resp: 58951
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011711.D
Acq: 06 Dec 2022 12:00

Tgt Ion: 75 Resp: 58951
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 1.0 37.0 55.4#





#95

Naphthalene

Concen: 4.288 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011711.D

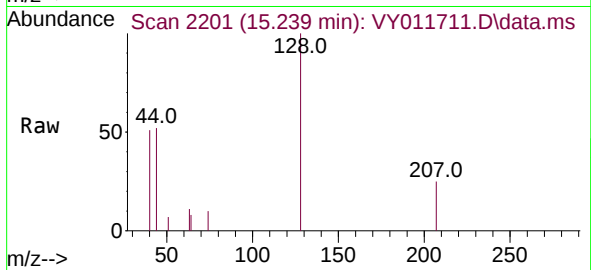
Acq: 06 Dec 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBL01



Tgt Ion:128 Resp: 1222

Ion Ratio Lower Upper

128 100

127 6.4 11.0 16.4#

129 0.0 8.4 12.6#

