

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011113.D
 Acq On : 26 Oct 2022 14:04
 Operator : KP/MD
 Sample : N5281-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Oct 27 04:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

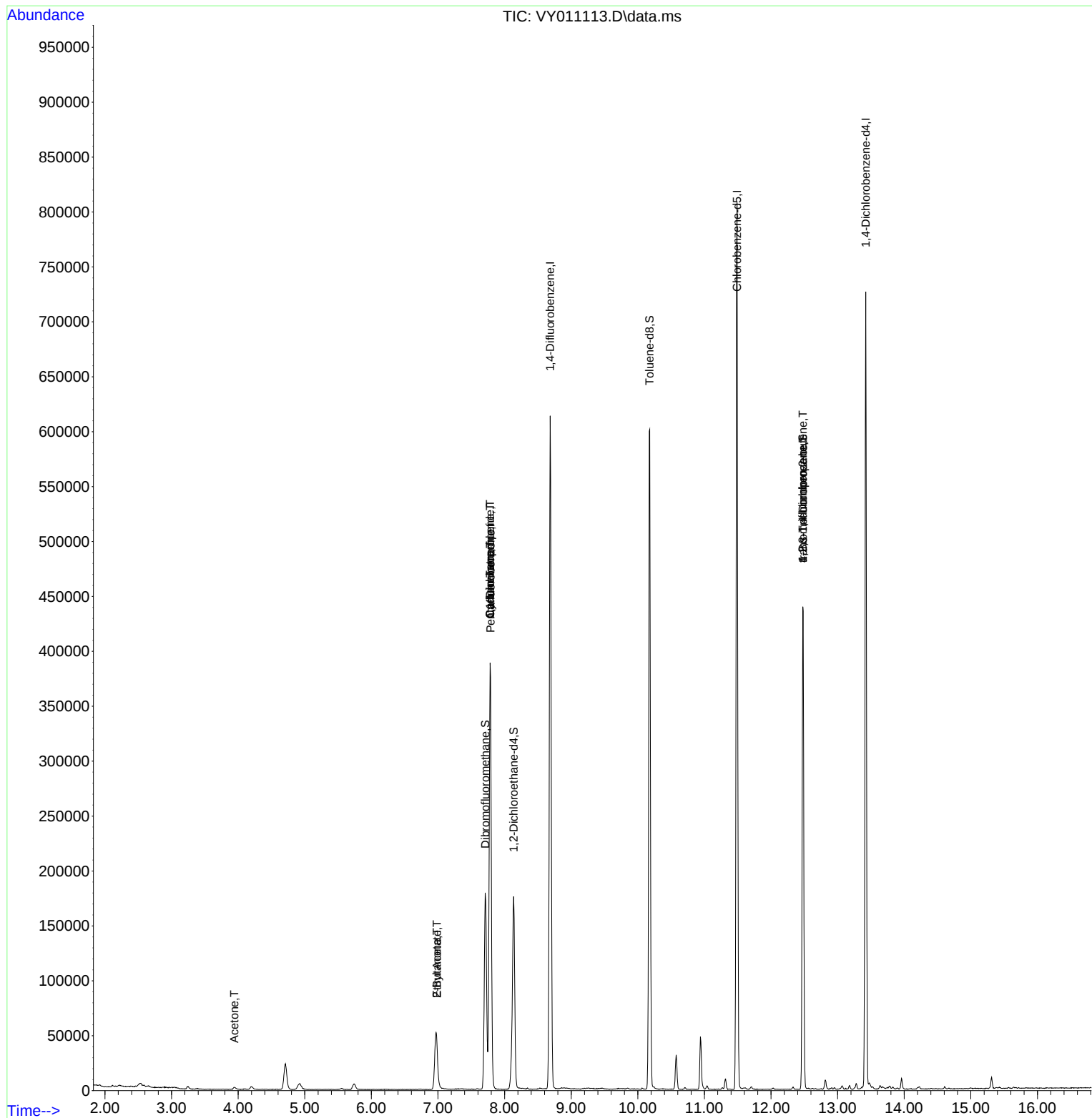
Internal Standards						
1) Pentafluorobenzene	7.789	168	299085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	527121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	450560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123859	44.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.920%
35) Dibromofluoromethane	7.710	113	131237	44.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.840%
50) Toluene-d8	10.179	98	409451	37.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.400%
62) 4-Bromofluorobenzene	12.477	95	136736	34.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	6084	Below Cal	#	77
16) Acetone	3.942	43	3586	4.482	ug/l	95
18) Methyl Acetate	4.710	43	65	Below Cal	#	56
20) Methylene Chloride	4.710	84	18117	Below Cal	#	82
25) 2-Butanone	6.984	43	3393	2.797	ug/l	# 90
31) Cyclohexane	7.783	56	5939	1.127	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	23707	4.831	ug/l	# 51
37) Ethyl Acetate	6.984	43	3393	1.249	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	29825	5.888	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	68233	32.604	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	68233	70.123	ug/l	# 7

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

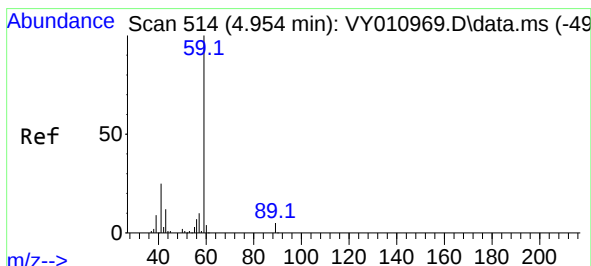
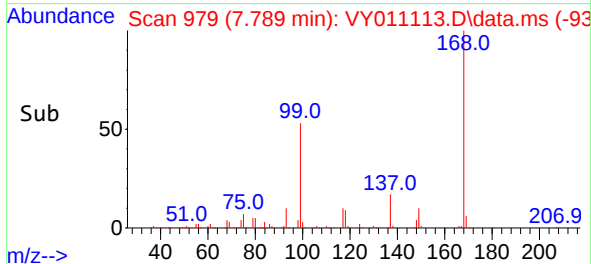
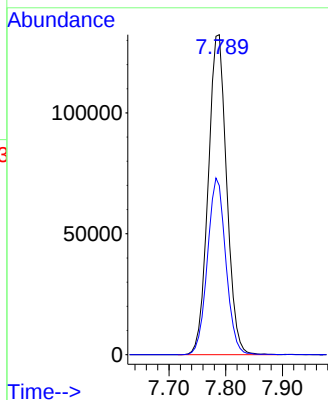
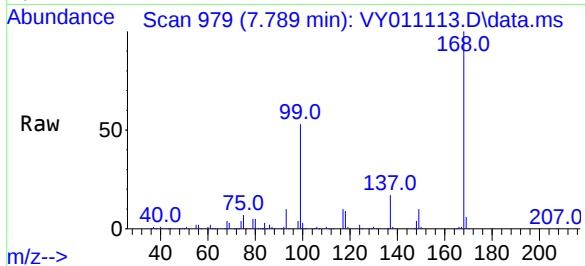




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

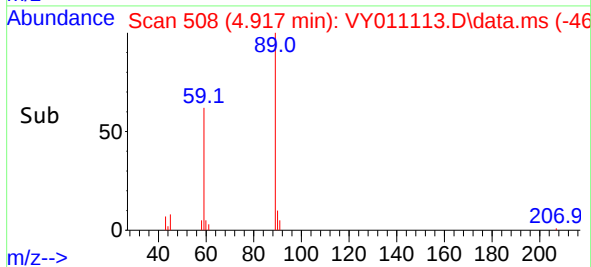
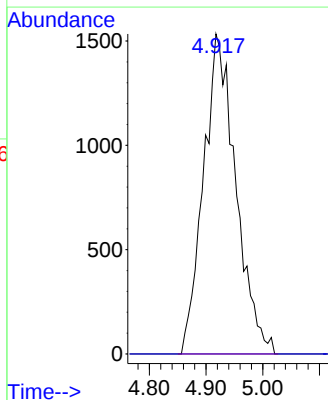
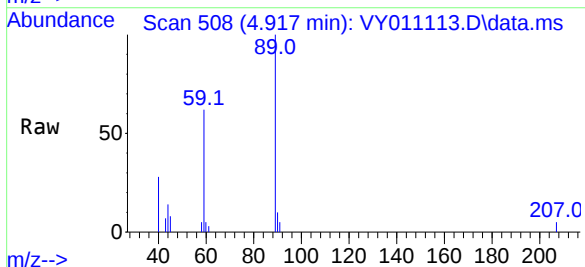
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

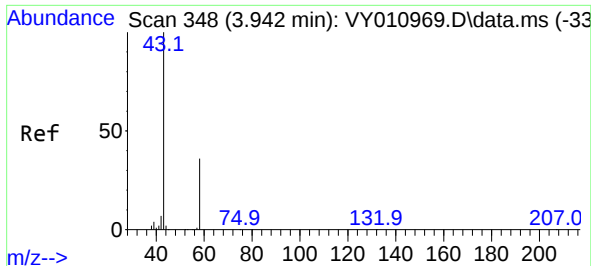
Tgt Ion:168 Resp: 299085
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 59 Resp: 6084
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

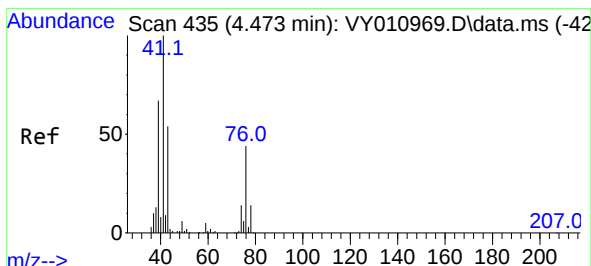
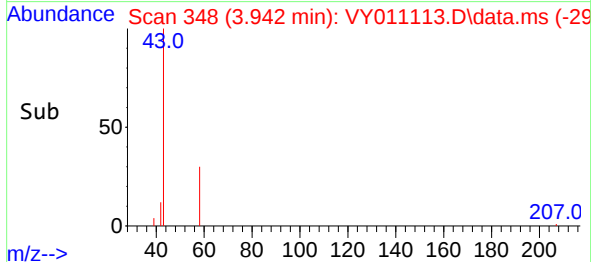
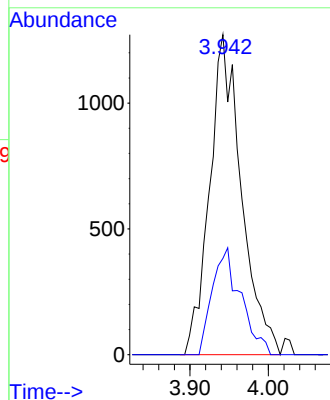
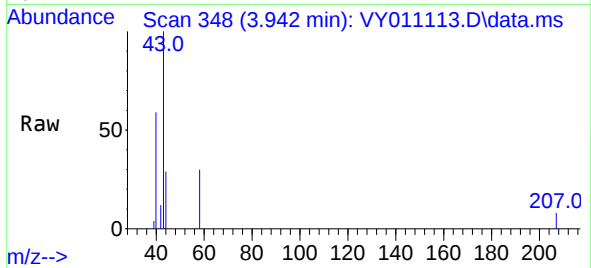




#16
Acetone
Concen: 4.482 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

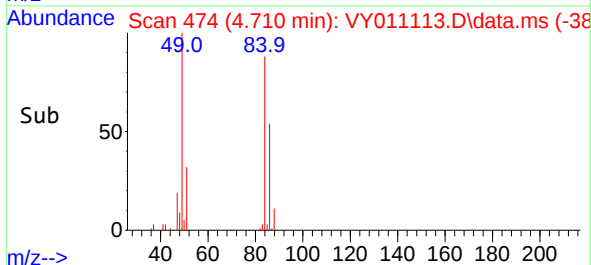
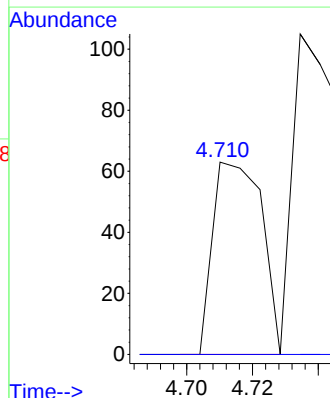
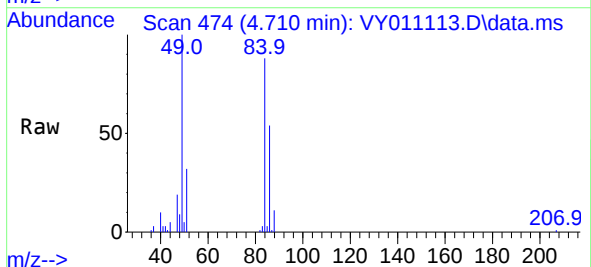
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

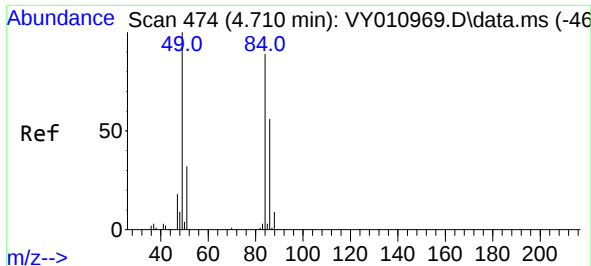
Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.237 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

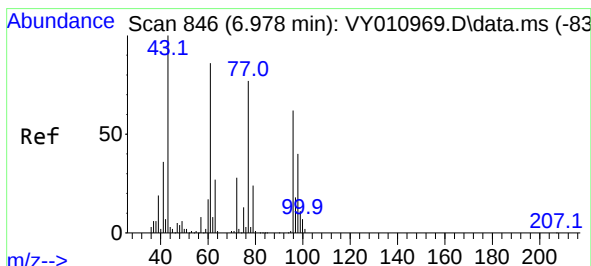
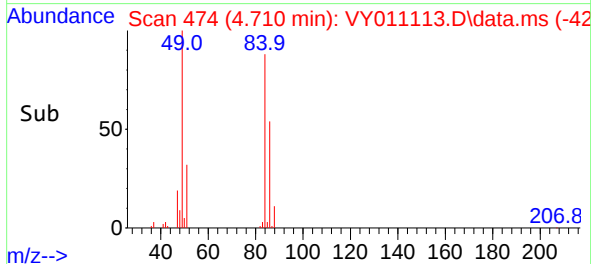
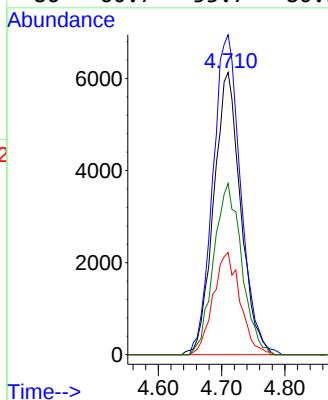
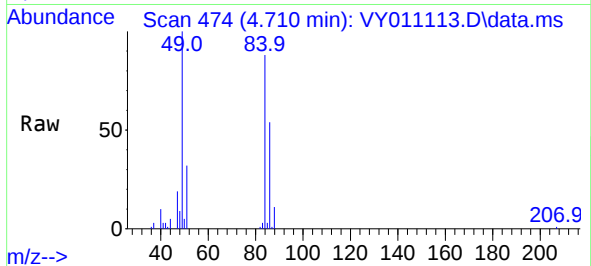




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

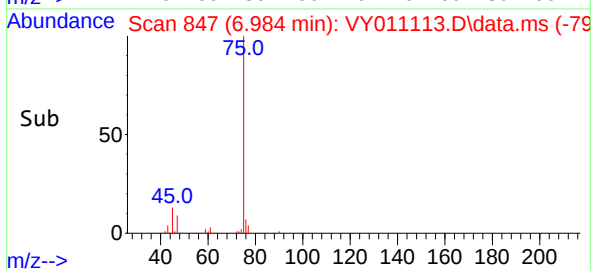
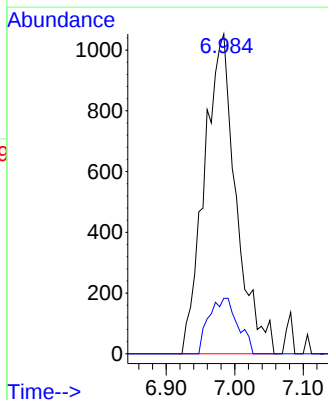
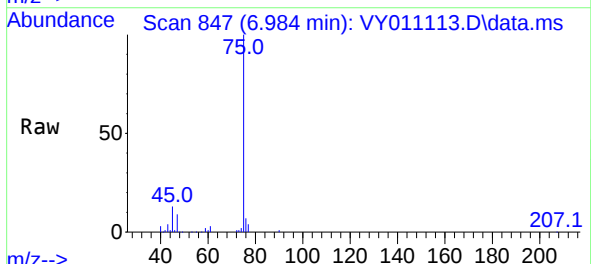
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

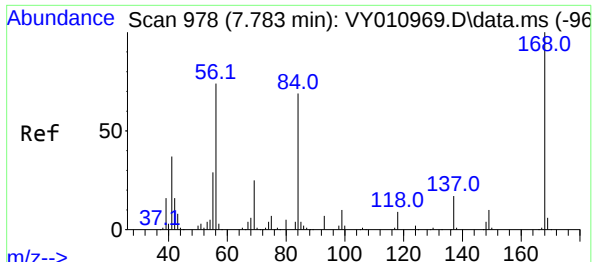
Tgt Ion: 84 Resp: 18117
Ion Ratio Lower Upper
84 100
49 113.4 114.4 171.6#
51 36.3 35.3 52.9
86 60.7 53.7 80.5



#25
2-Butanone
Concen: 2.797 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
72 17.4 17.7 26.5#

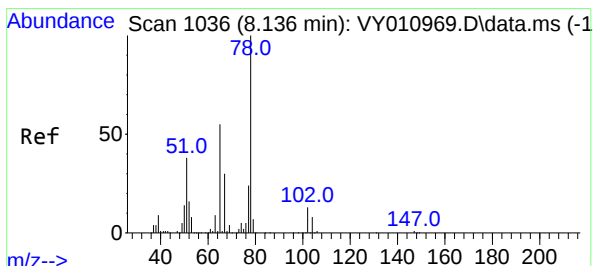
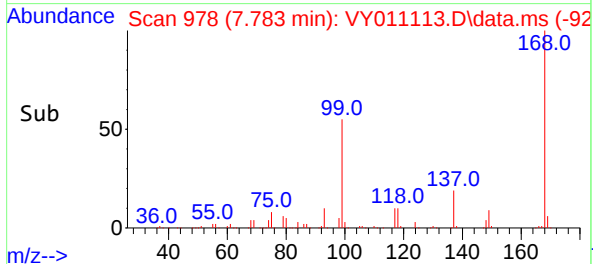
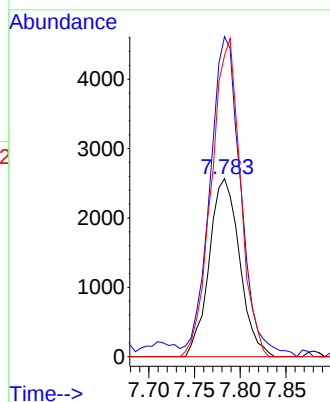
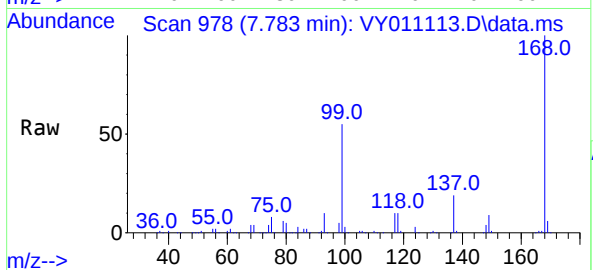




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

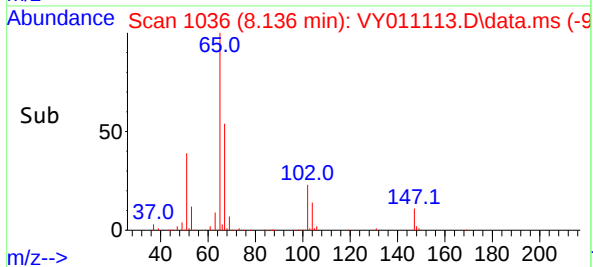
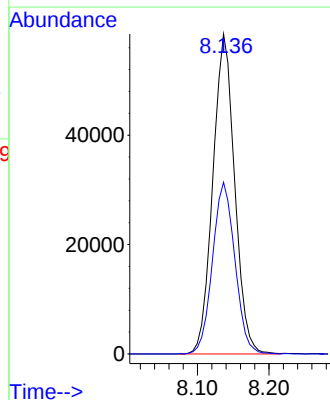
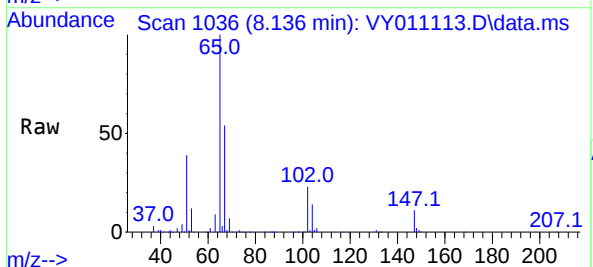
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

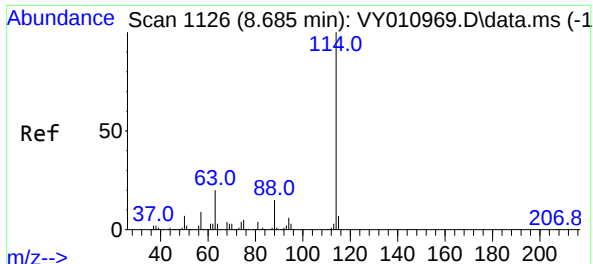
Tgt Ion: 56 Resp: 5939
Ion Ratio Lower Upper
56 100
69 176.5 26.7 40.1#
84 169.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.958 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 65 Resp: 123859
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011113.D

Acq: 26 Oct 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

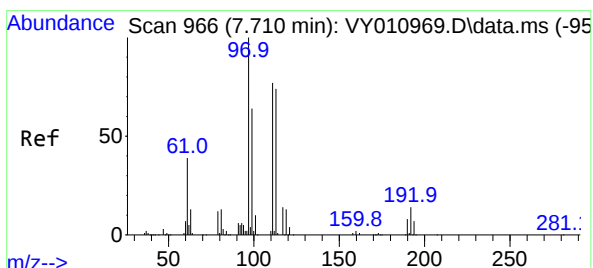
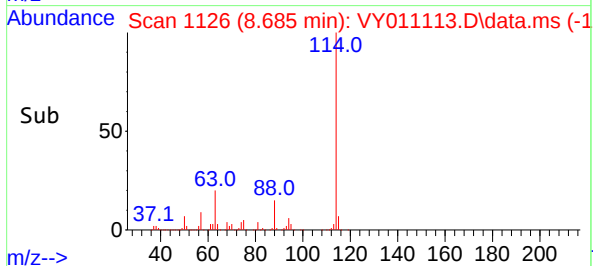
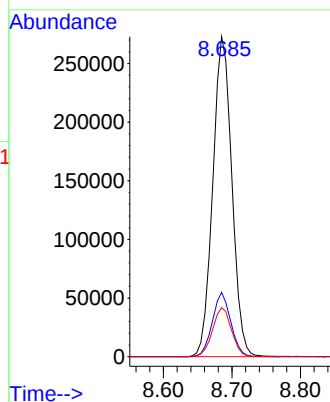
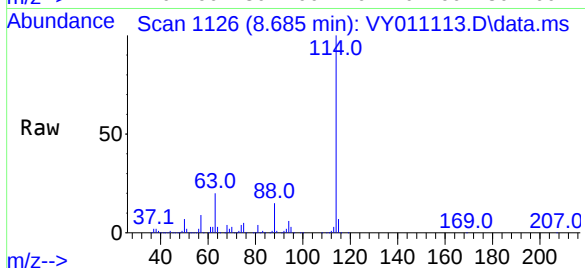
Tgt Ion:114 Resp: 527121

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.424 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011113.D

Acq: 26 Oct 2022 14:04

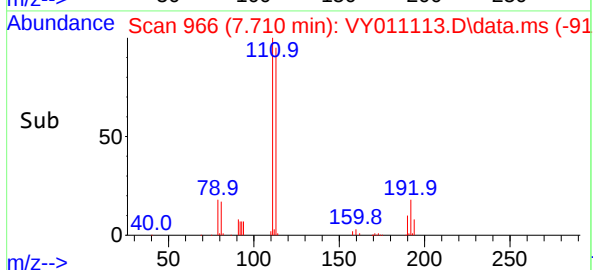
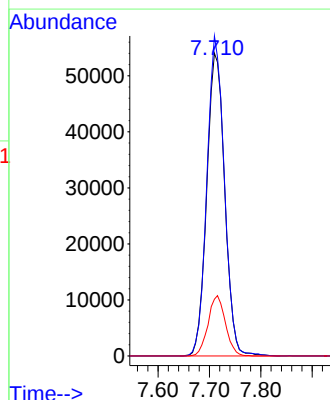
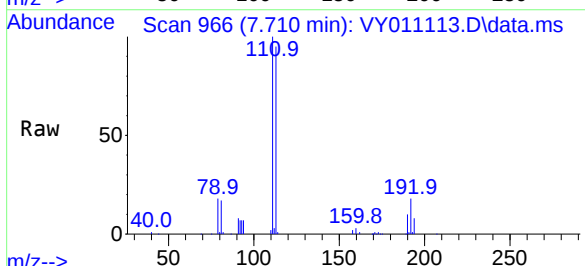
Tgt Ion:113 Resp: 131237

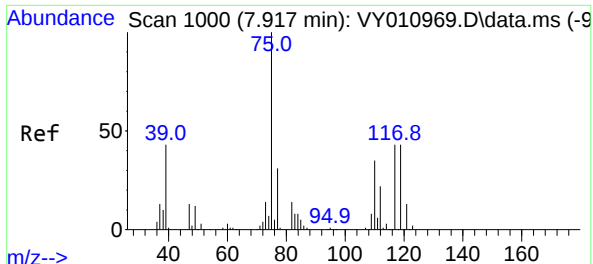
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.831 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011113.D

Acq: 26 Oct 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

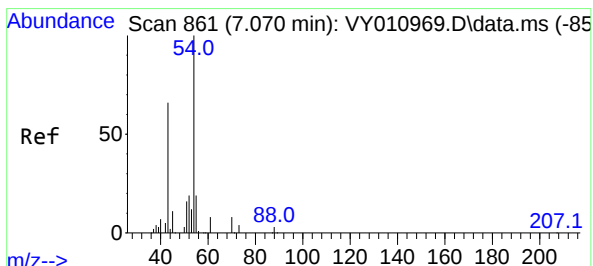
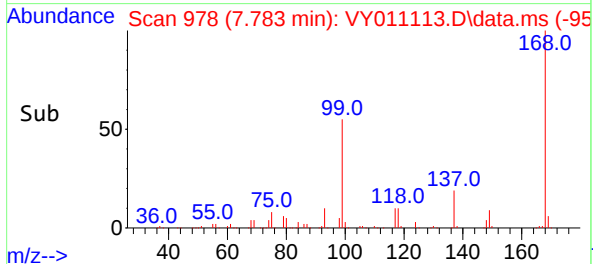
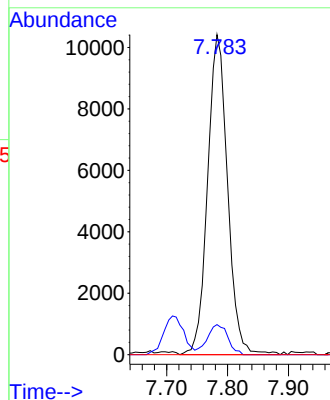
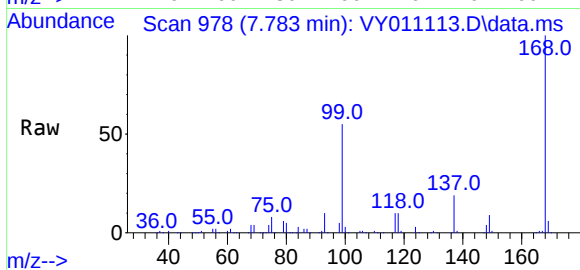
Tgt Ion: 75 Resp: 23707

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.249 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.086 min

Lab File: VY011113.D

Acq: 26 Oct 2022 14:04

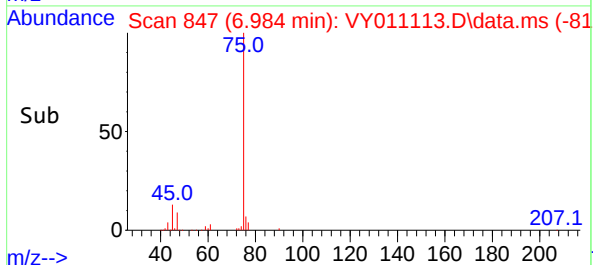
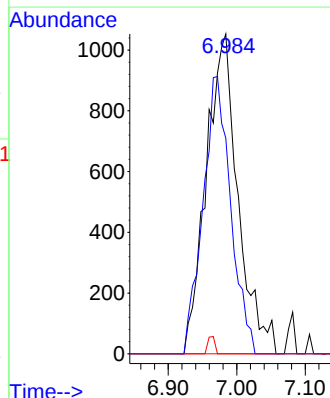
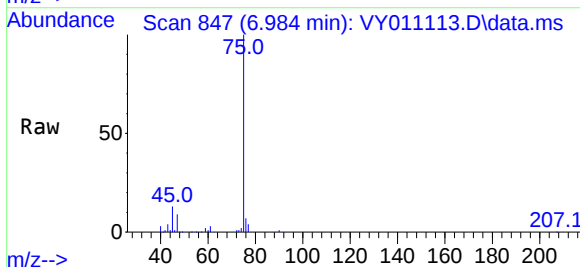
Tgt Ion: 43 Resp: 3393

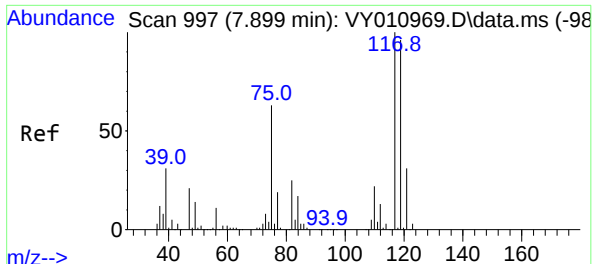
Ion Ratio Lower Upper

43 100

61 75.7 9.7 14.5#

70 1.2 7.1 10.7#

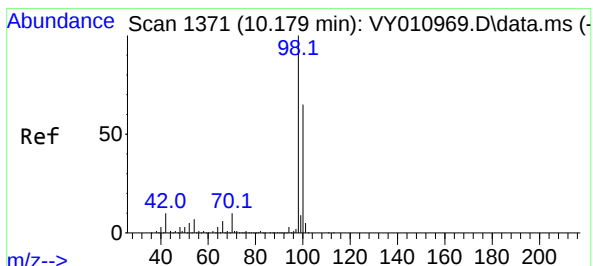
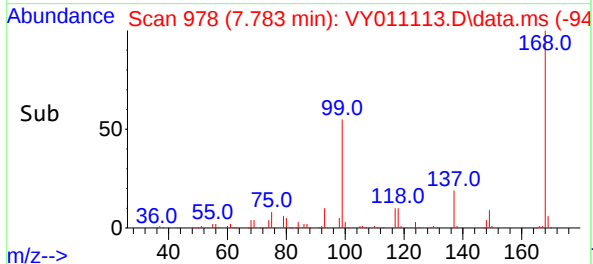
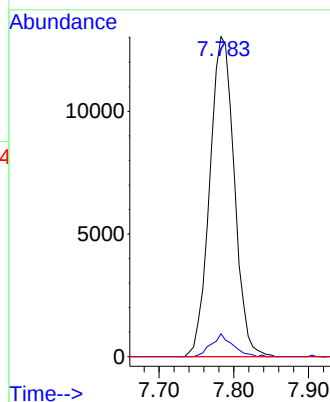
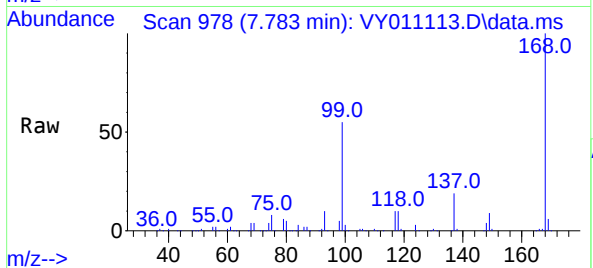




#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

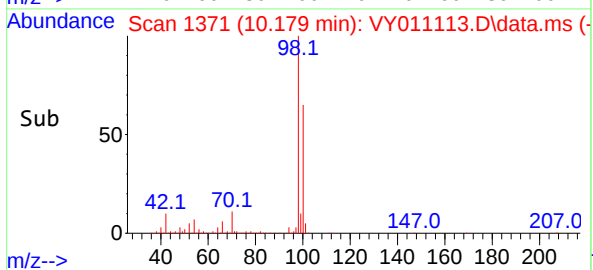
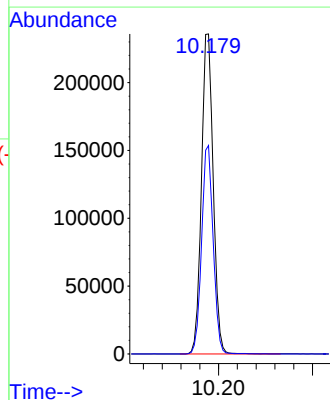
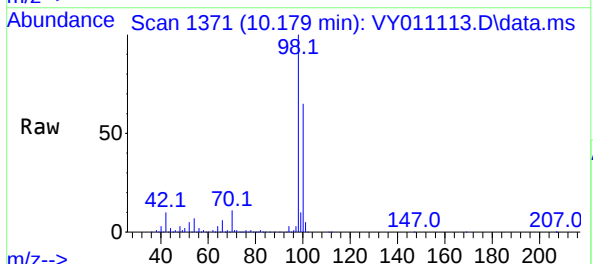
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

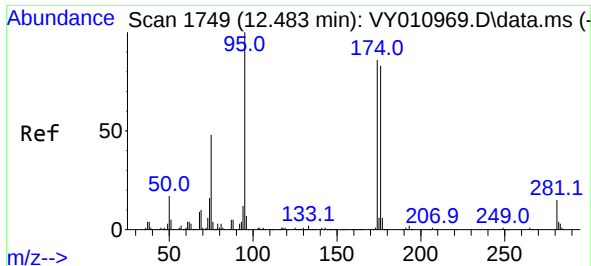
Tgt Ion:117 Resp: 29825
Ion Ratio Lower Upper
117 100
119 7.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 37.202 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 98 Resp: 409451
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

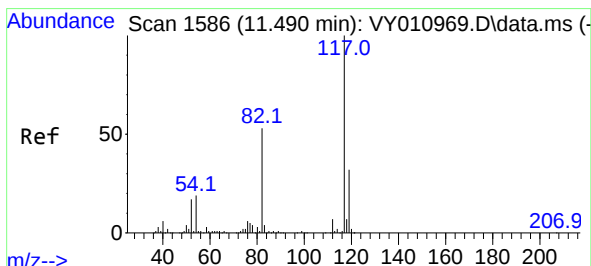
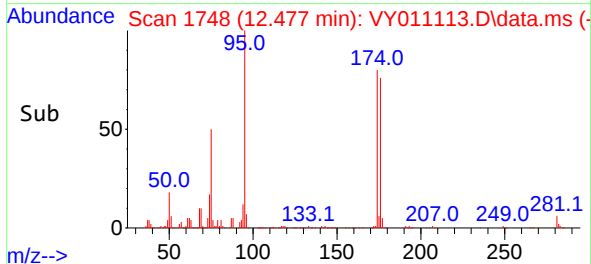
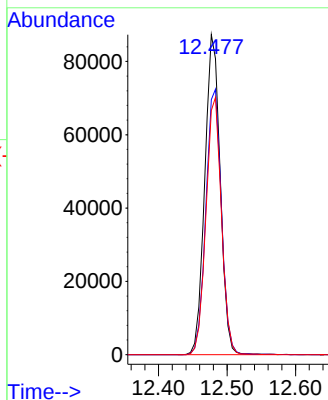
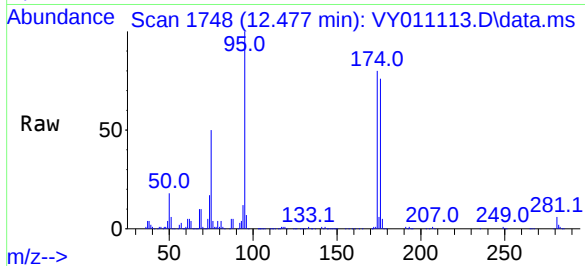




#62
4-Bromofluorobenzene
Concen: 34.095 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

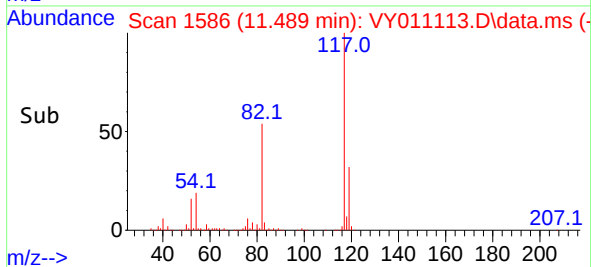
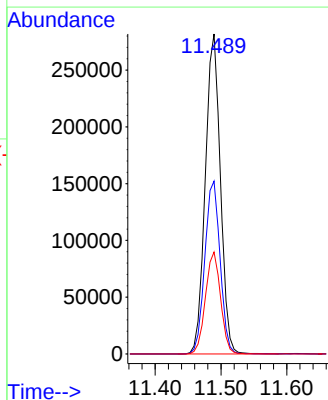
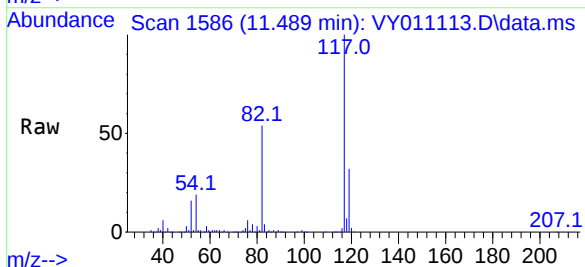
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

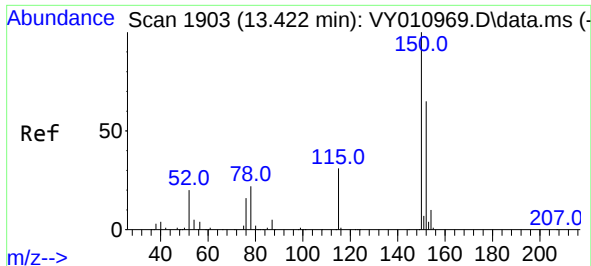
Tgt Ion: 95 Resp: 136736
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 117 Resp: 450560
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.8 25.4 38.0

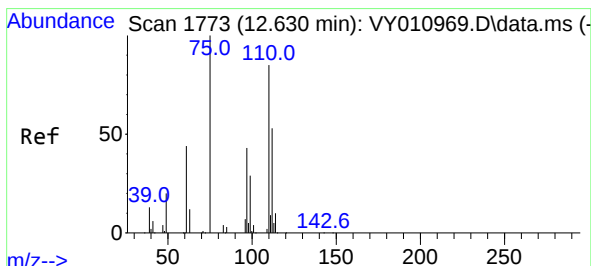
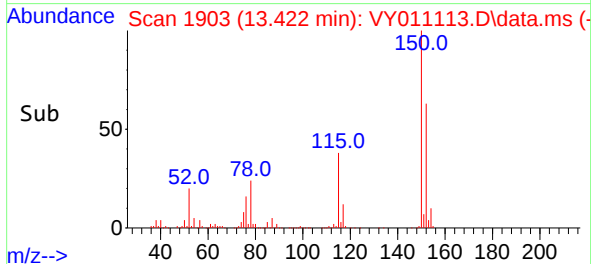
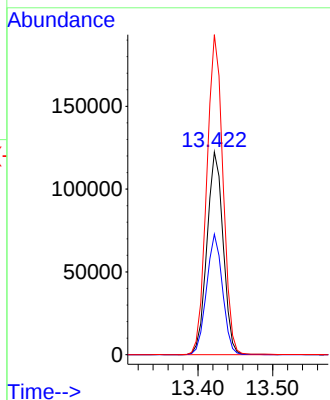
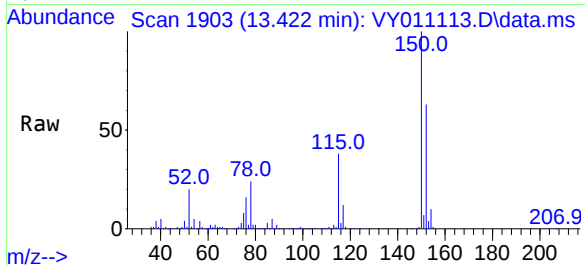




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

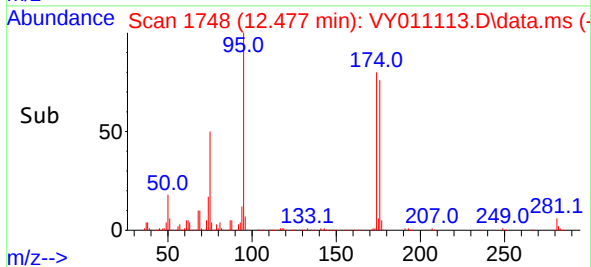
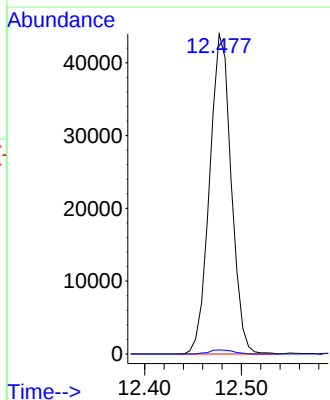
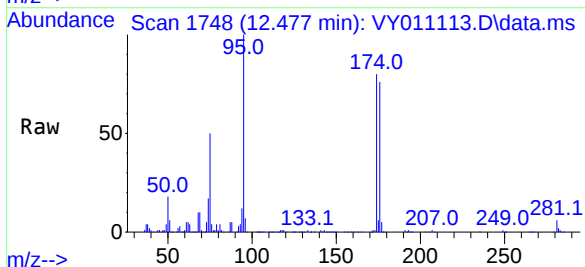
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

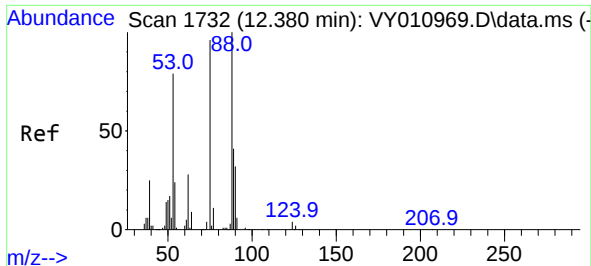
Tgt Ion:152 Resp: 184332
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 158.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 32.604 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011113.D
Acq: 26 Oct 2022 14:04

Tgt Ion: 75 Resp: 68233
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.123 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011113.D
 Acq: 26 Oct 2022 14:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Tgt Ion: 75 Resp: 68233
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

