

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011066.D
 Acq On : 24 Oct 2022 14:05
 Operator : KP/MD
 Sample : N5217-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E3-7.5-8.0

Quant Time: Oct 25 05:29:28 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)

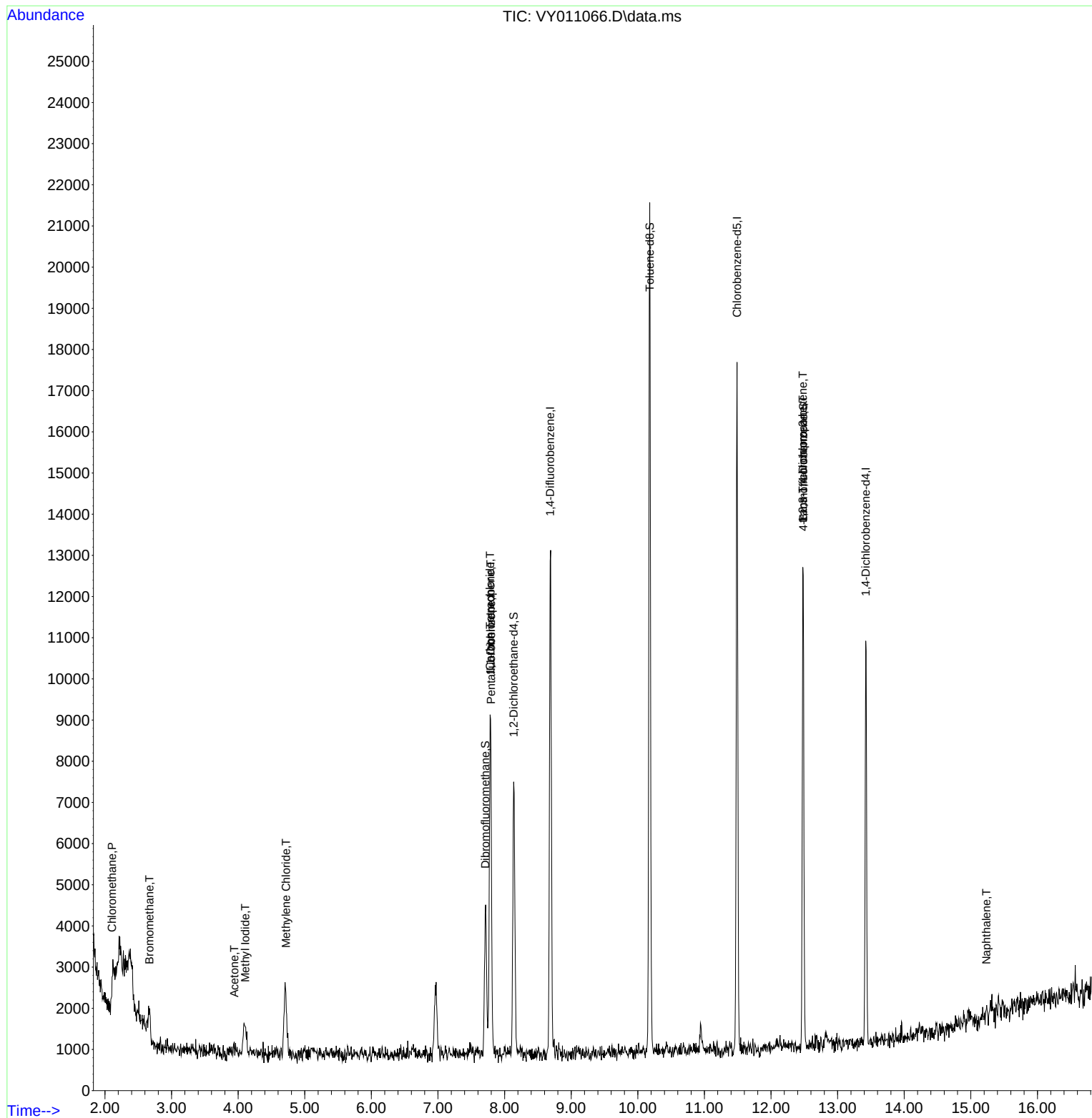
Internal Standards						
1) Pentafluorobenzene	7.795	168	7316	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	11317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5207	77.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.540%	
35) Dibromofluoromethane	7.709	113	2668	41.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.900%	
50) Toluene-d8	10.178	98	14413	60.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.980%	
62) 4-Bromofluorobenzene	12.483	95	3917	46.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.180%	
Target Compounds						
3) Chloromethane	2.107	50	373	5.358	ug/l	Qvalue 96
5) Bromomethane	2.668	94	469	8.593	ug/l	# 68
10) Methyl Iodide	4.106	142	1384	15.612	ug/l	# 86
16) Acetone	3.942	43	227	11.599	ug/l	# 47
20) Methylene Chloride	4.716	84	1374	11.209	ug/l	# 76
36) 1,1-Dichloropropene	7.789	75	536	5.088	ug/l	# 42
38) Carbon Tetrachloride	7.782	117	750	6.897	ug/l	# 11
76) 1,2,3-Trichloropropane	12.477	75	2039	61.527	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	2039	132.327	ug/l	# 7
95) Naphthalene	15.232	128	112	1.040	ug/l	# 69

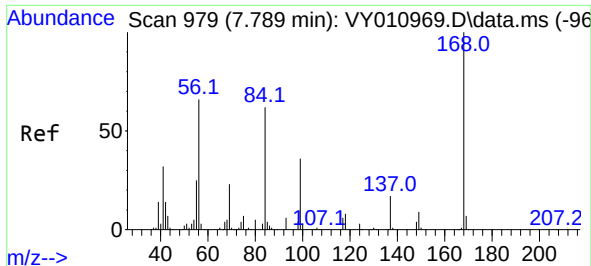
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-E3-7.5-8.0

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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

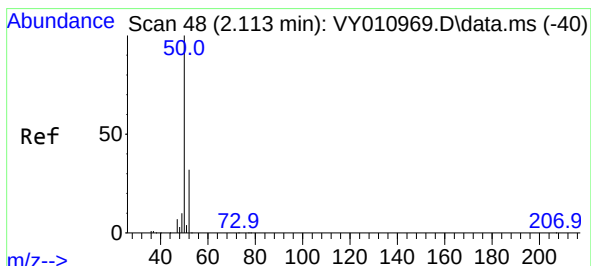
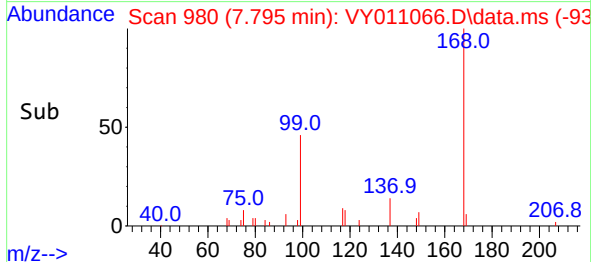
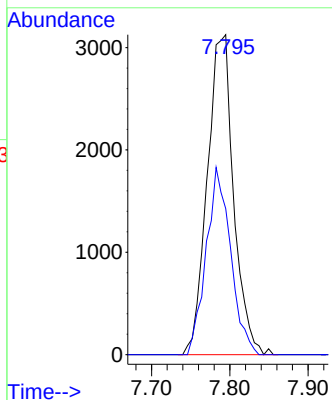
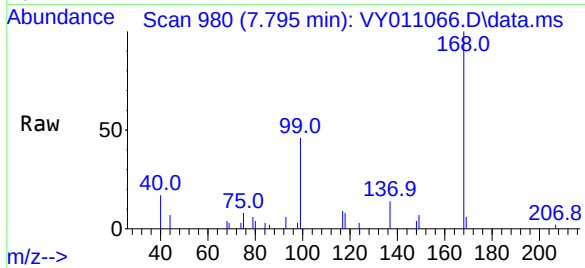




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

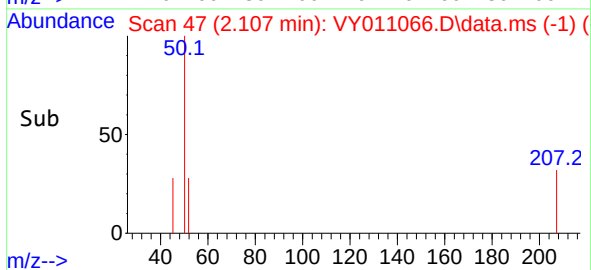
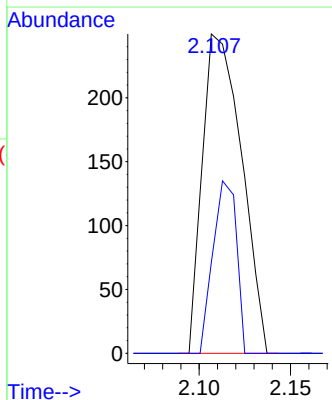
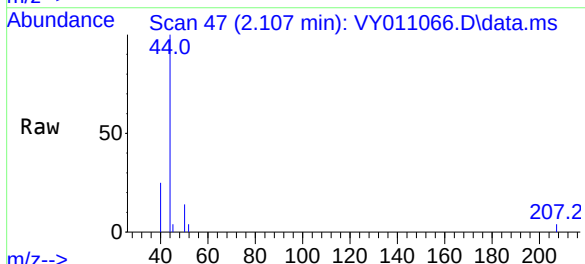
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

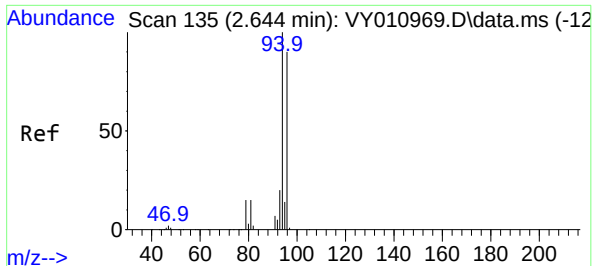
Tgt Ion:168 Resp: 7316
Ion Ratio Lower Upper
168 100
99 45.6 46.9 70.3#



#3
Chloromethane
Concen: 5.358 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 28.4 24.6 37.0

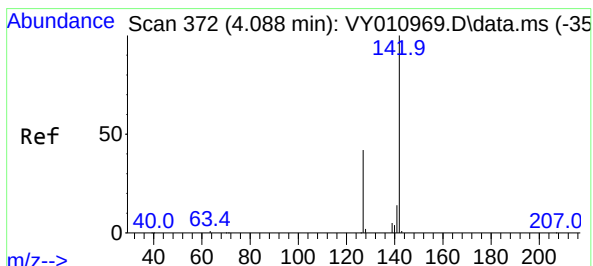
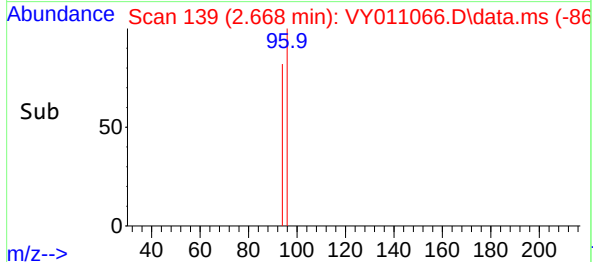
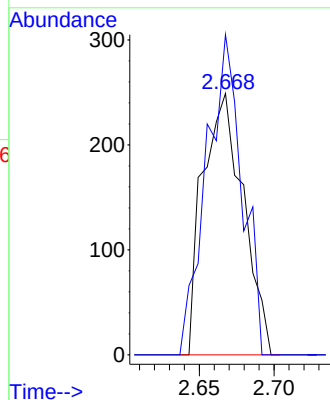
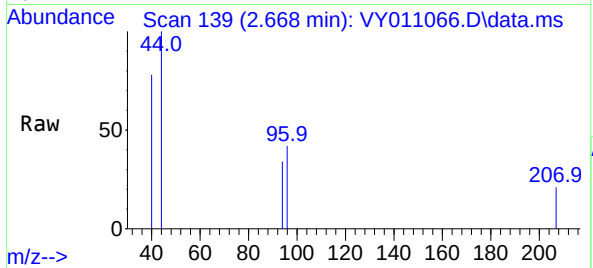




#5
Bromomethane
Concen: 8.593 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.023 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

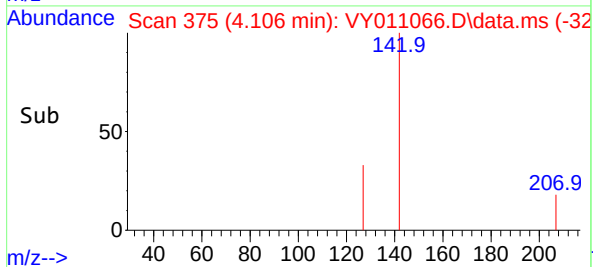
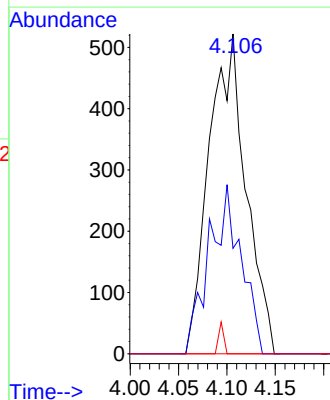
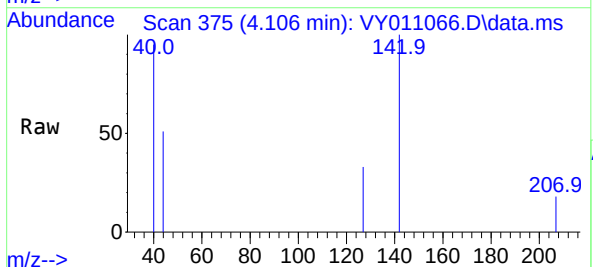
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

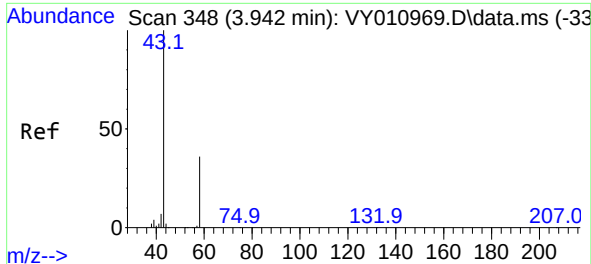
Tgt Ion: 94 Resp: 469
Ion Ratio Lower Upper
94 100
96 122.5 73.5 110.3#



#10
Methyl Iodide
Concen: 15.612 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Tgt Ion: 142 Resp: 1384
Ion Ratio Lower Upper
142 100
127 45.9 41.5 62.3
141 1.4 11.9 17.9#





#16

Acetone

Concen: 11.599 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY011066.D

Acq: 24 Oct 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

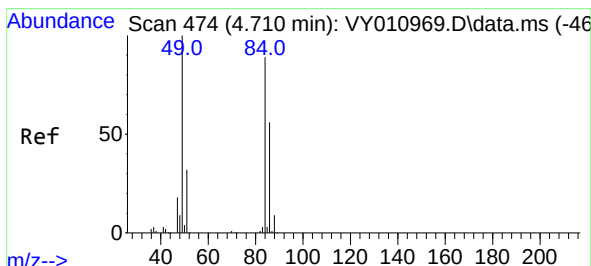
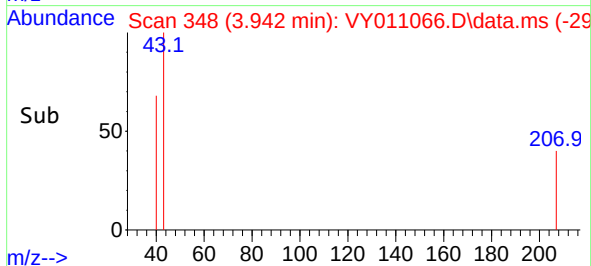
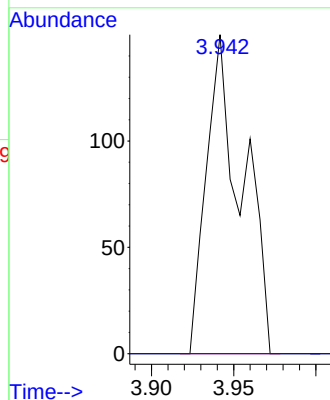
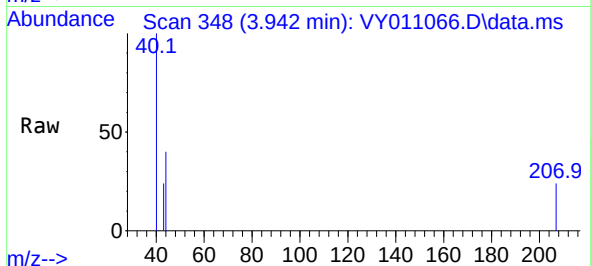
SB-E3-7.5-8.0

Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: 11.209 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY011066.D

Acq: 24 Oct 2022 14:05

Tgt Ion: 84 Resp: 1374

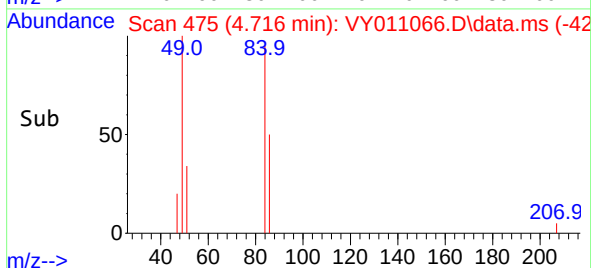
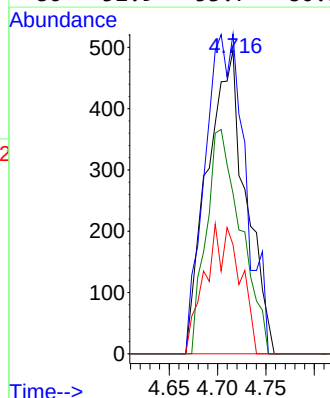
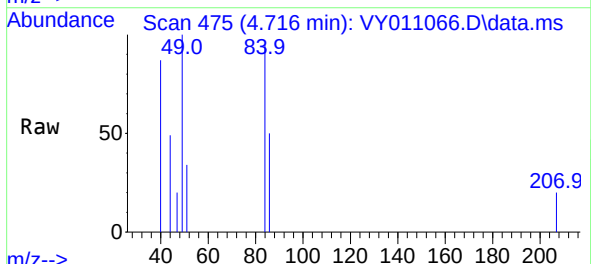
Ion Ratio Lower Upper

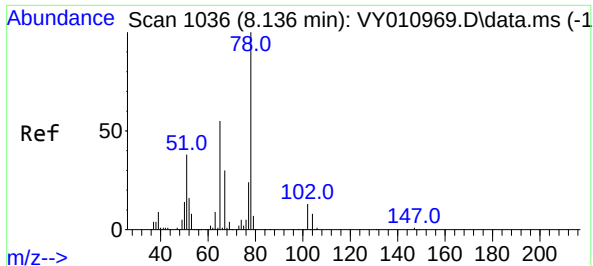
84 100

49 105.5 114.4 171.6#

51 36.0 35.3 52.9

86 52.9 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 77.265 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. 0.000 min

Lab File: VY011066.D

Acq: 24 Oct 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

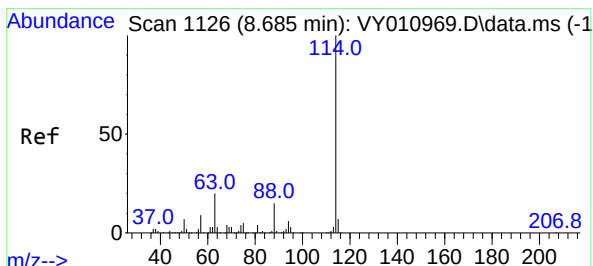
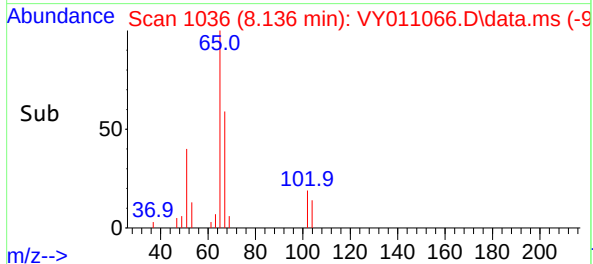
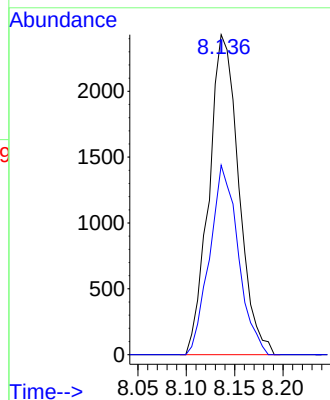
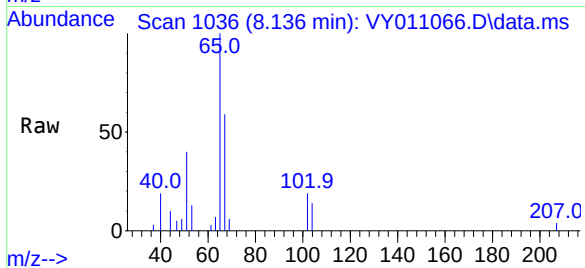
SB-E3-7.5-8.0

Tgt Ion: 65 Resp: 5207

Ion Ratio Lower Upper

65 100

67 56.8 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: VY011066.D

Acq: 24 Oct 2022 14:05

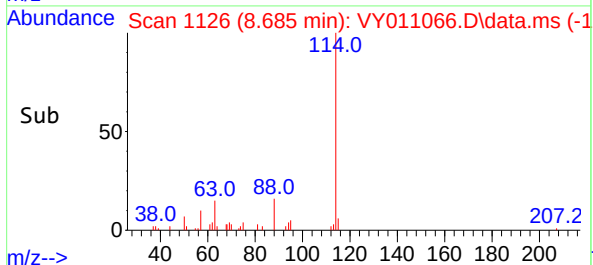
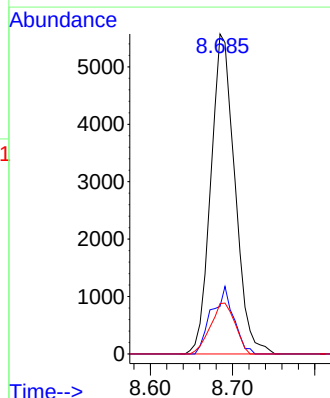
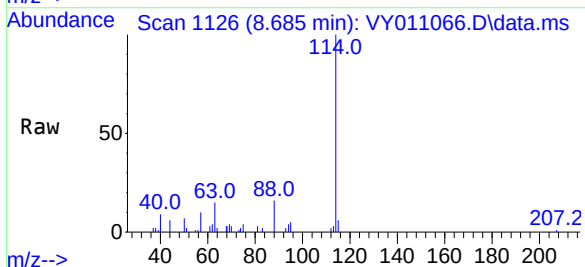
Tgt Ion: 114 Resp: 11317

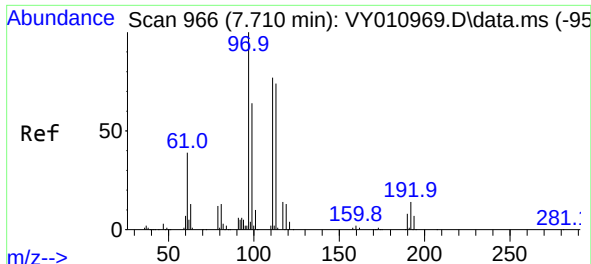
Ion Ratio Lower Upper

114 100

63 14.8 0.0 43.2

88 15.8 0.0 31.8

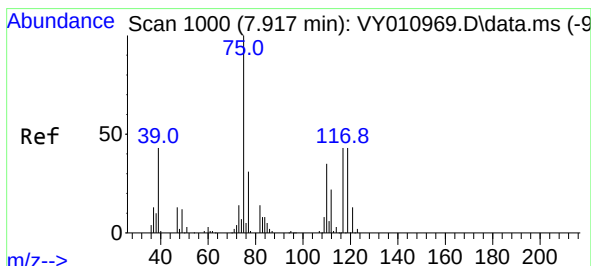
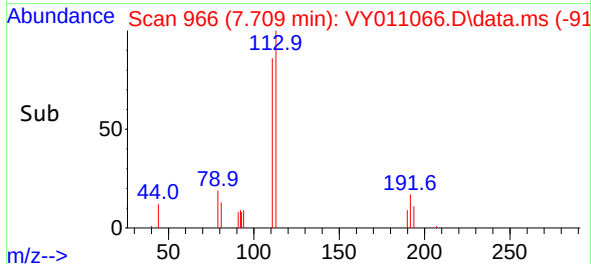
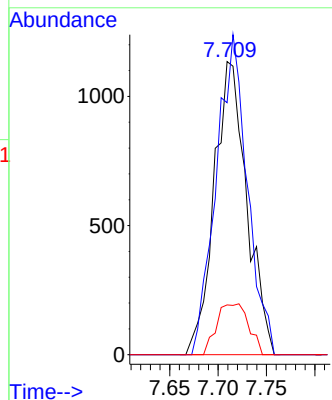
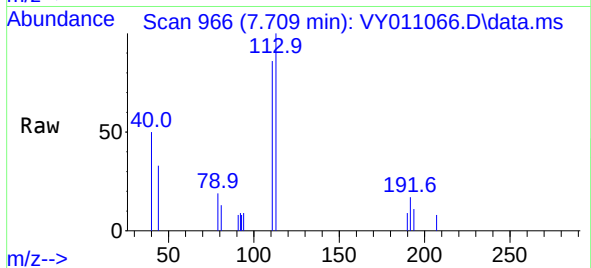




#35
Dibromofluoromethane
Concen: 41.946 ug/l
RT: 7.709 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

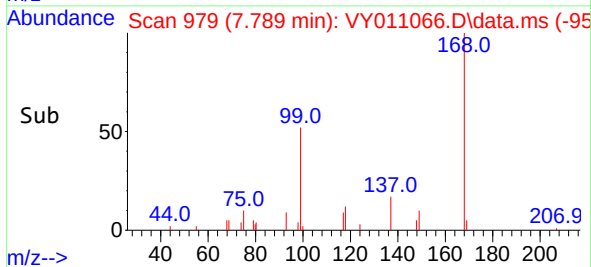
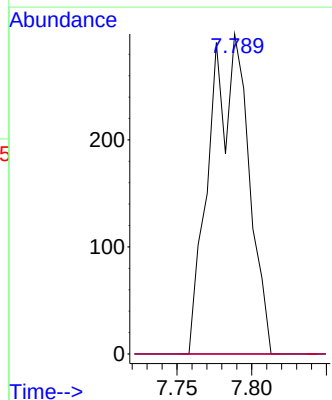
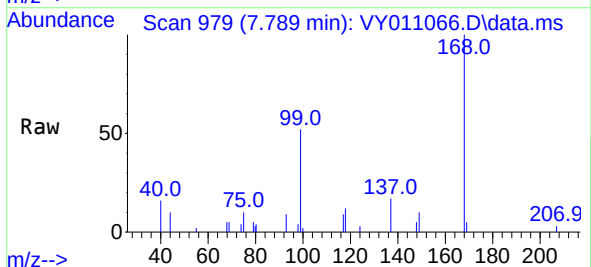
Instrument :
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ClientSampleId :
SB-E3-7.5-8.0

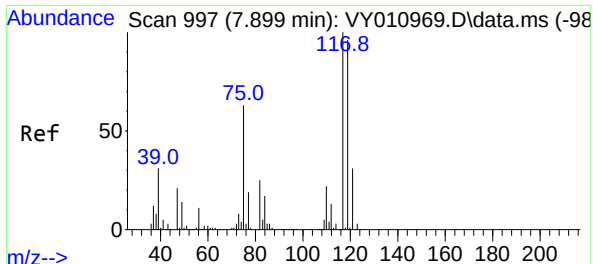
Tgt Ion:113 Resp: 2668
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 16.9 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 5.088 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Tgt Ion: 75 Resp: 536
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

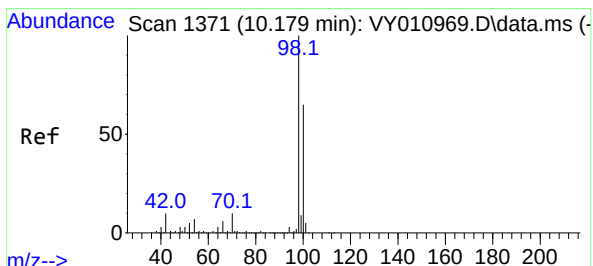
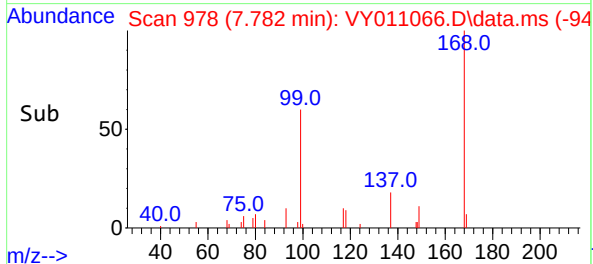
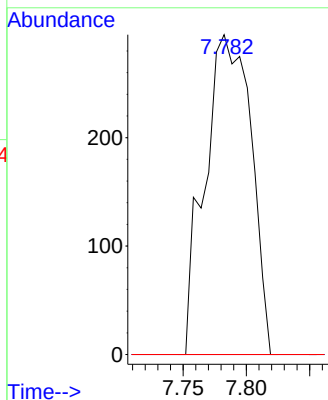
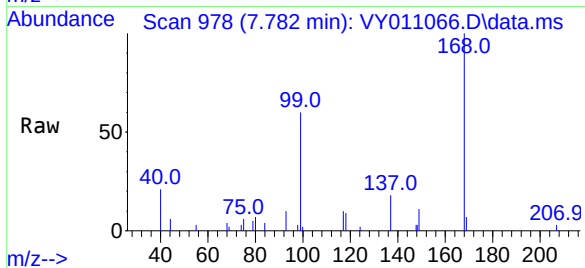




#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

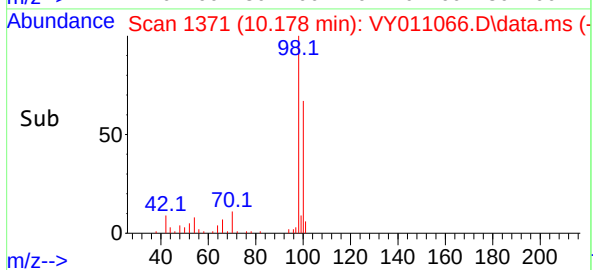
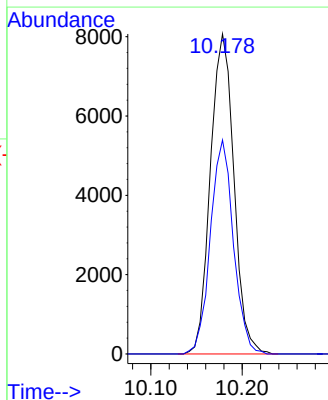
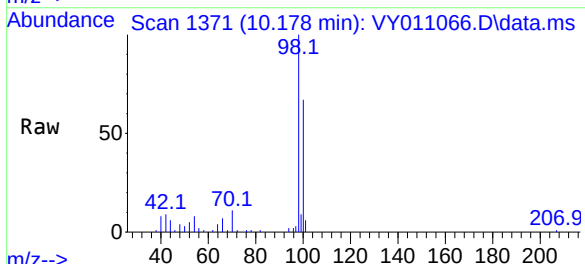
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

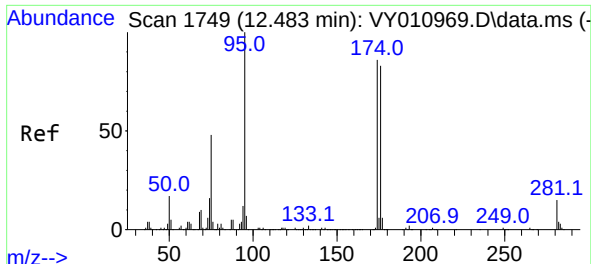
Tgt Ion:117 Resp: 750
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.995 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Tgt Ion: 98 Resp: 14413
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

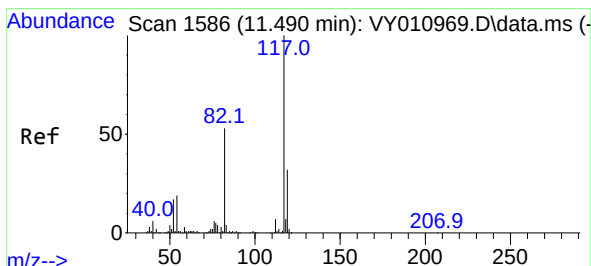
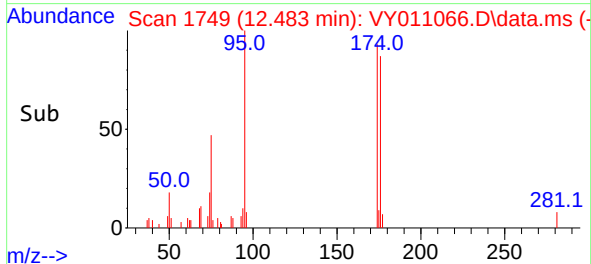
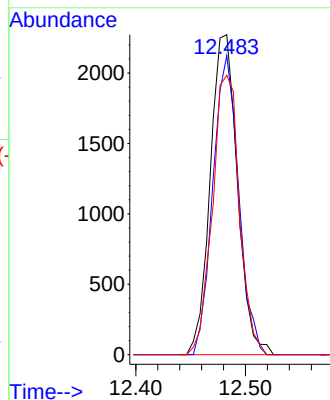
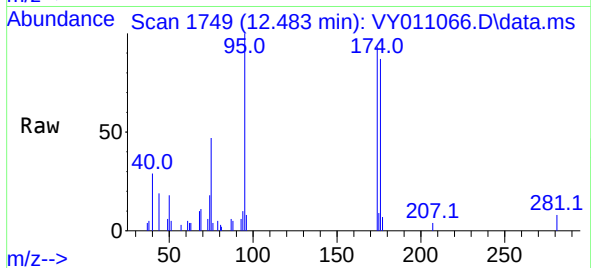




#62
4-Bromofluorobenzene
Concen: 46.586 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

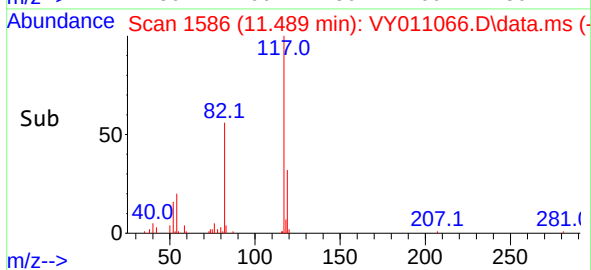
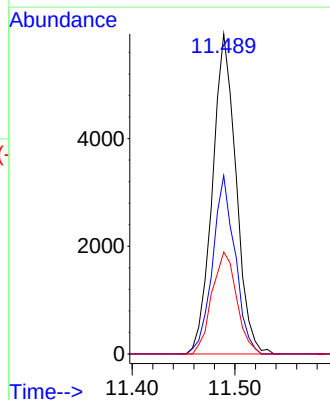
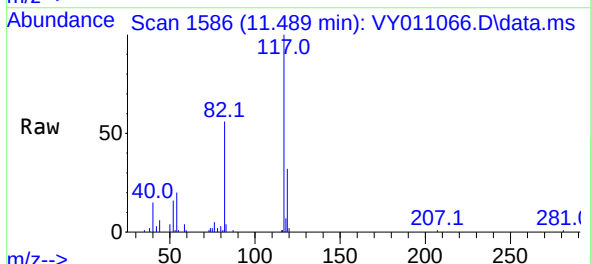
Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

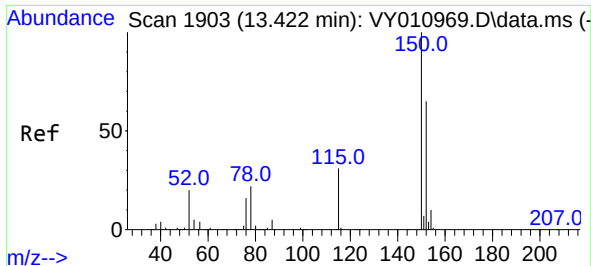
Tgt Ion: 95 Resp: 3917
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Tgt Ion: 117 Resp: 9495
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.8 25.4 38.0

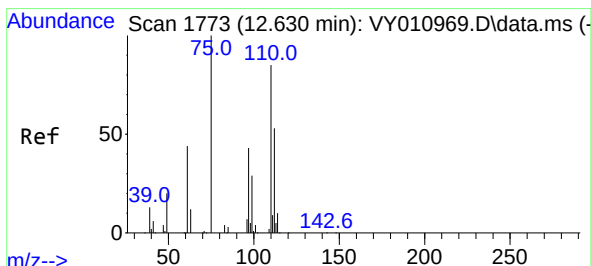
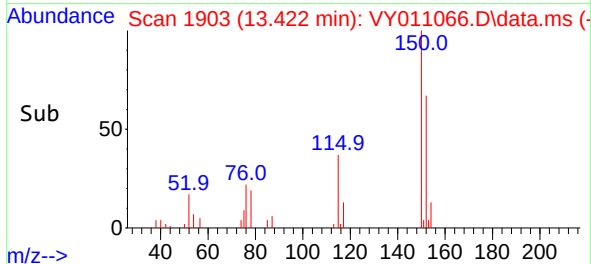
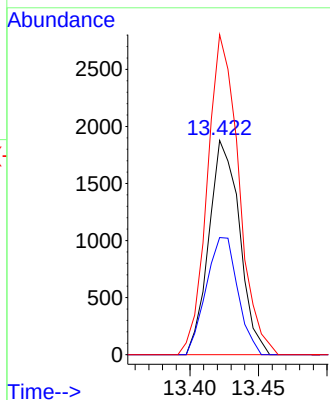
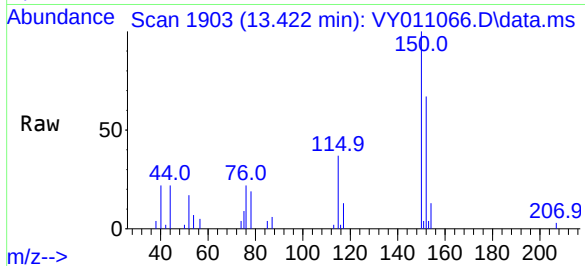




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011066.D
 Acq: 24 Oct 2022 14:05

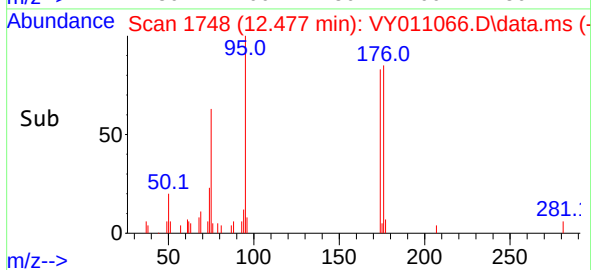
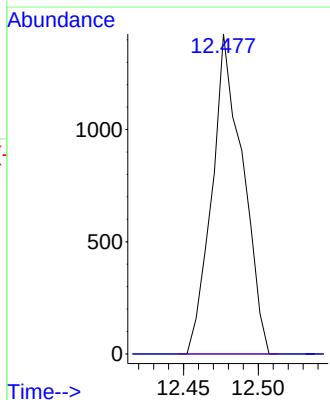
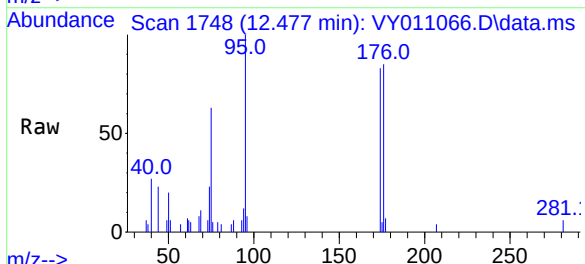
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E3-7.5-8.0

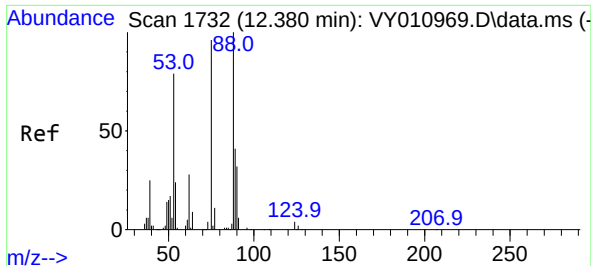
Tgt Ion:152 Resp: 2919
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 153.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 61.527 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011066.D
 Acq: 24 Oct 2022 14:05

Tgt Ion: 75 Resp: 2039
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

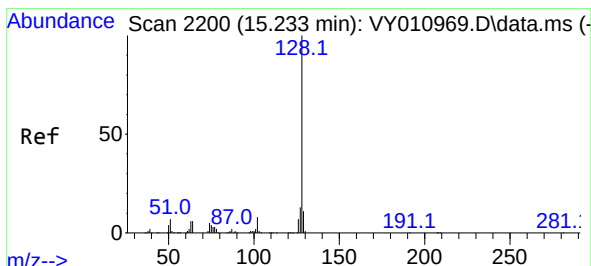
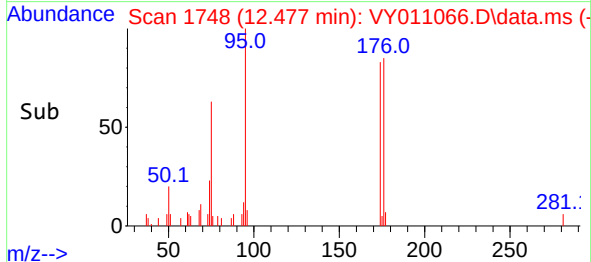
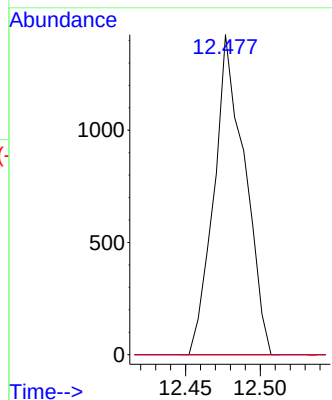
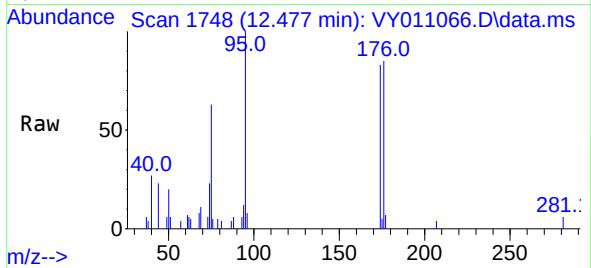




#81
trans-1,4-Dichloro-2-butene
Concen: 132.327 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-E3-7.5-8.0

Tgt Ion: 75 Resp: 2039
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.040 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY011066.D
Acq: 24 Oct 2022 14:05

Tgt Ion:128 Resp: 112
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

