

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020128.D
 Acq On : 01 Nov 2024 18:41
 Operator : SY/MD
 Sample : P4663-01
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:51:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

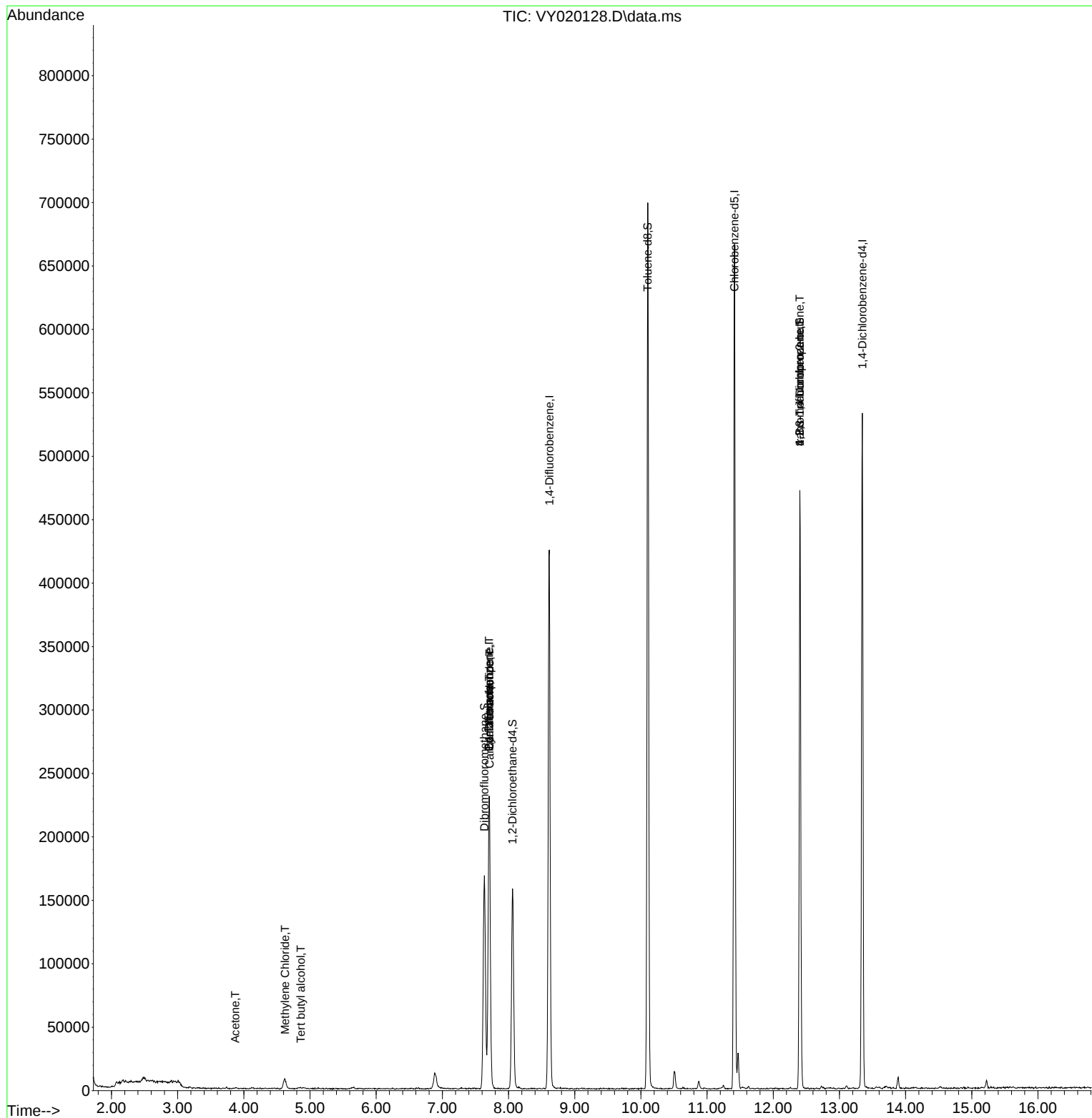
Internal Standards						
1) Pentafluorobenzene	7.707	168	159567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	338625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121934	61.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.460%	
35) Dibromofluoromethane	7.634	113	115825	53.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.103	98	421310	49.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.402	95	132684	47.667	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	643	4.489	ug/l	# 88
16) Acetone	3.873	43	954	2.060	ug/l	# 36
20) Methylene Chloride	4.622	84	4822	2.318	ug/l	# 72
31) Cyclohexane	7.707	56	4957	1.372	ug/l	# 32
36) 1,1-Dichloropropene	7.707	75	16245	4.884	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	18930	5.660	ug/l	# 17
76) 1,2,3-Trichloropropane	12.402	75	79220	71.306	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	79220	153.377	ug/l	# 16

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

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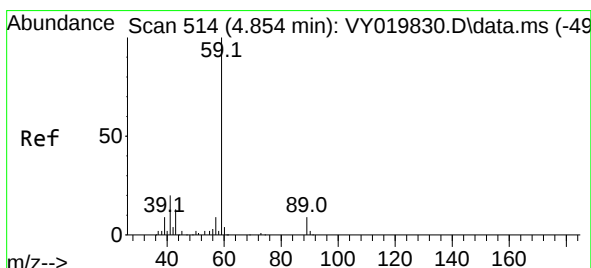
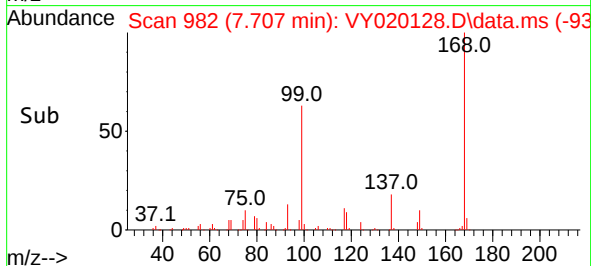
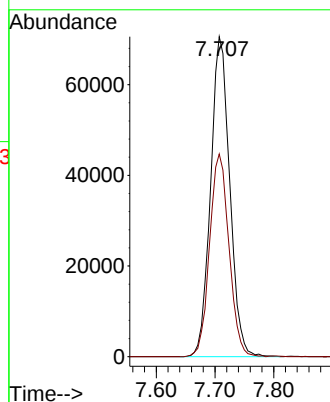
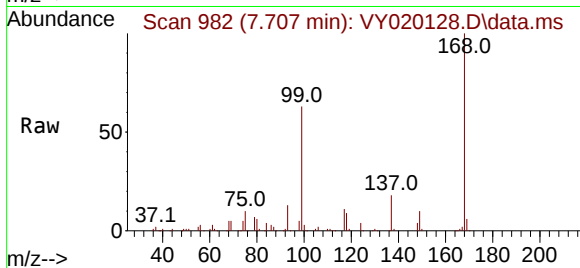




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

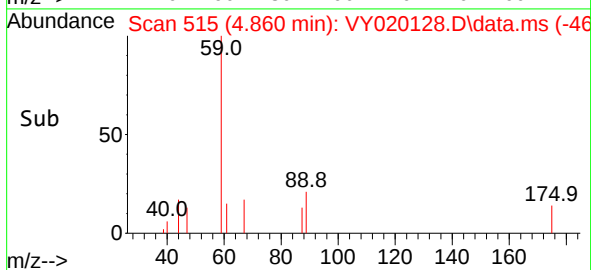
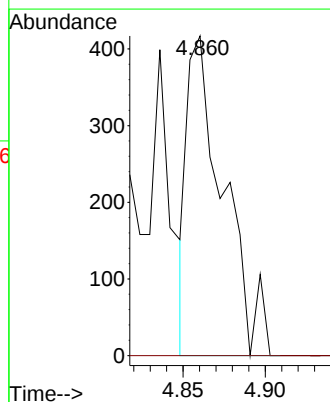
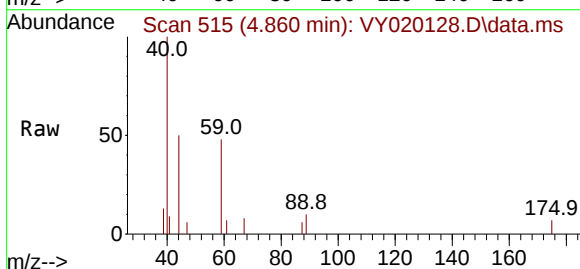
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 159567
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.489 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

Tgt Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

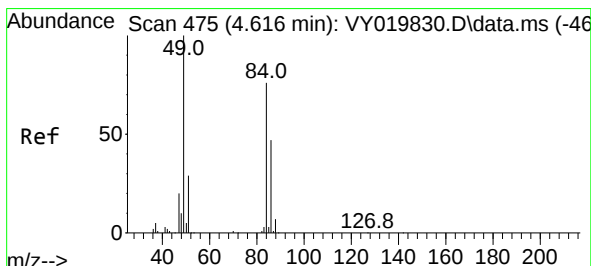
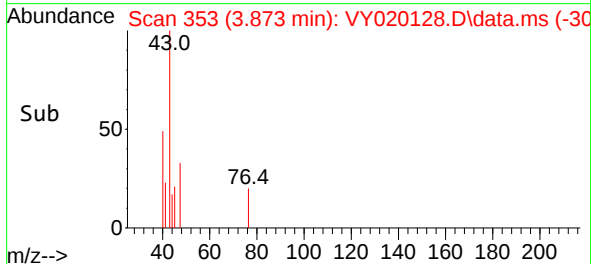
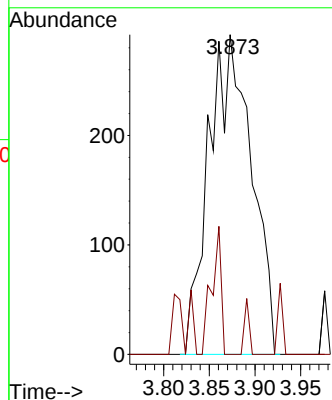
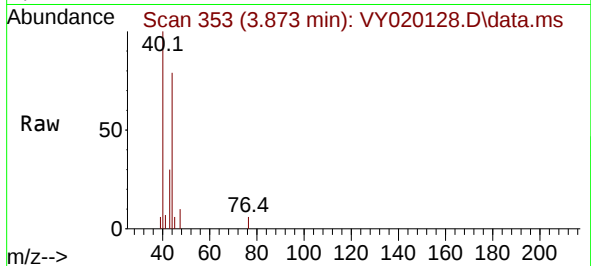




#16
Acetone
Concen: 2.060 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

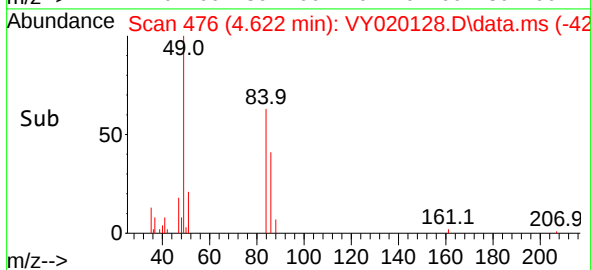
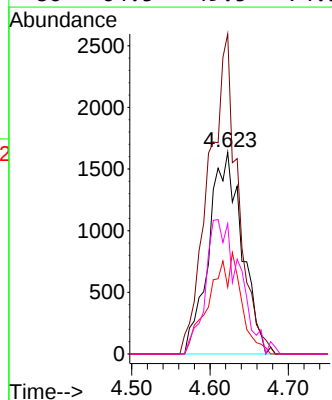
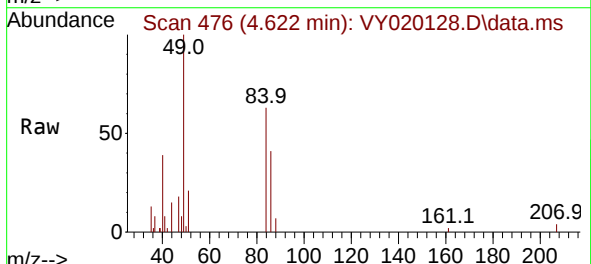
Instrument :
MSVOA_Y
ClientSampleId :

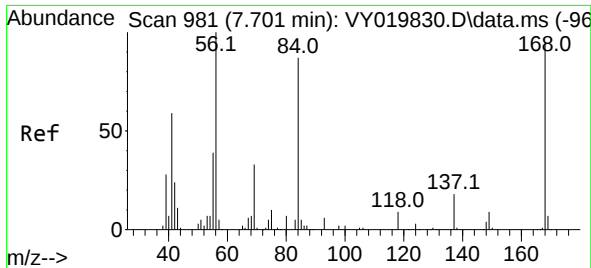
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.318 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

Tgt Ion: 84 Resp: 4822
Ion Ratio Lower Upper
84 100
49 158.6 84.4 126.6#
51 33.1 26.0 39.0
86 64.5 49.5 74.3

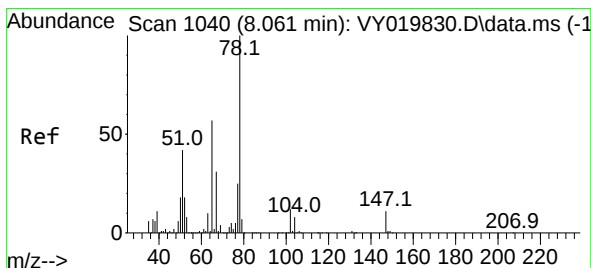
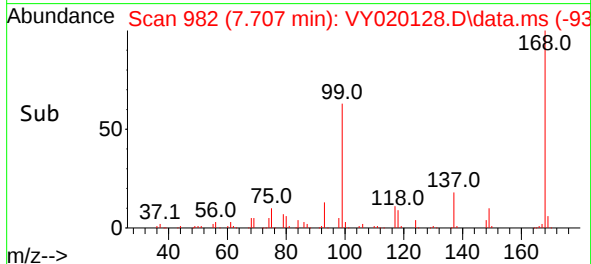
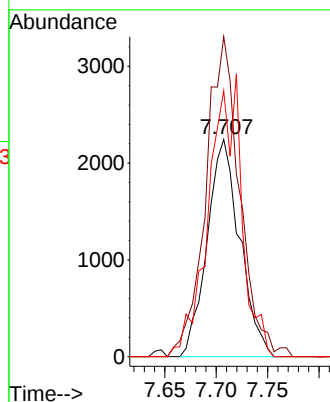
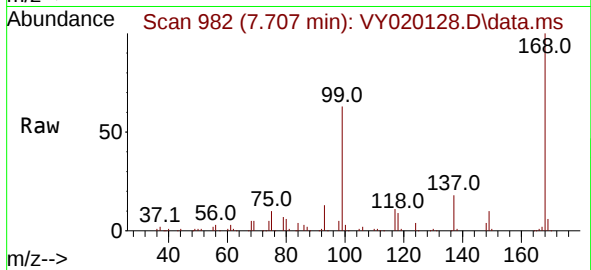




#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

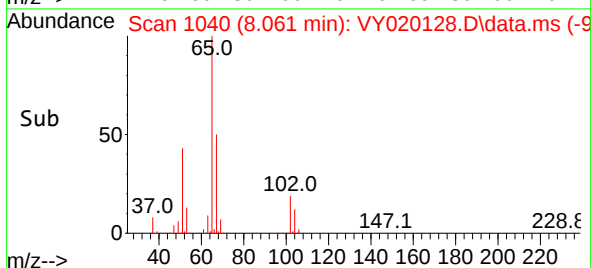
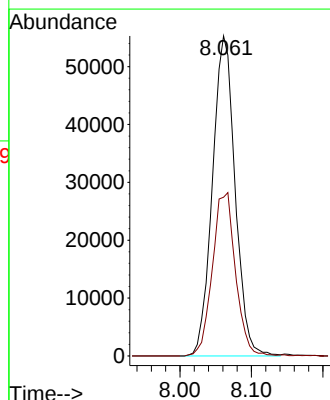
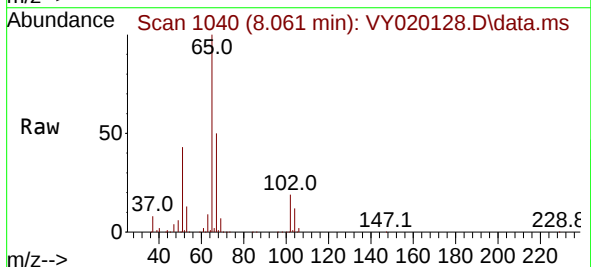
Instrument :
MSVOA_Y
ClientSampleId :

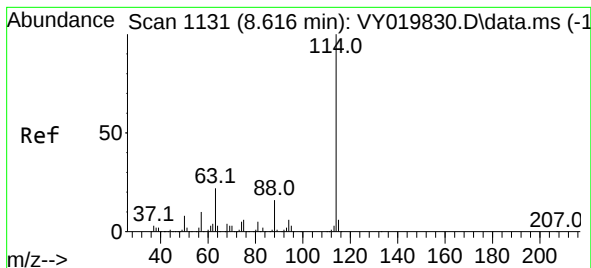
Tgt Ion: 56 Resp: 4957
Ion Ratio Lower Upper
56 100
69 143.2 28.7 43.1#
84 122.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 61.227 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

Tgt Ion: 65 Resp: 121934
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

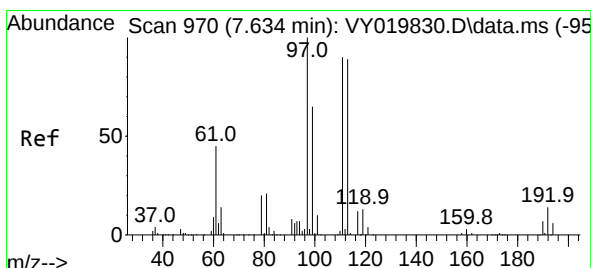
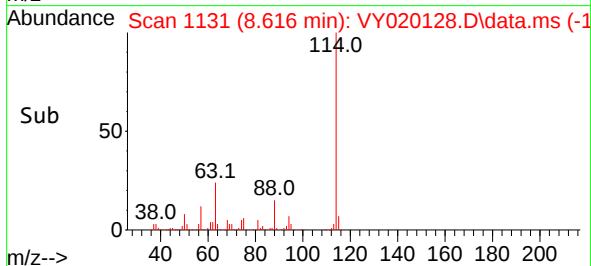
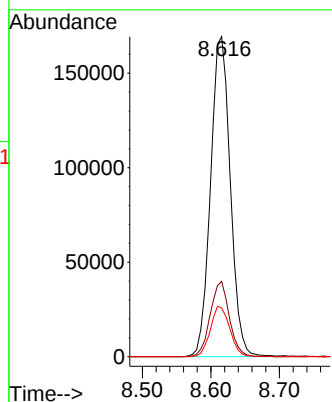
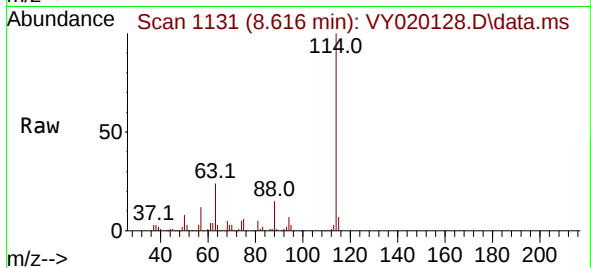
Tgt Ion:114 Resp: 338625

Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.798 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

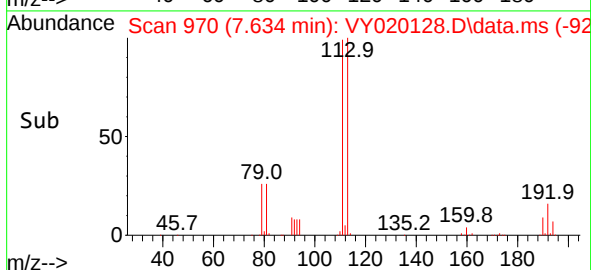
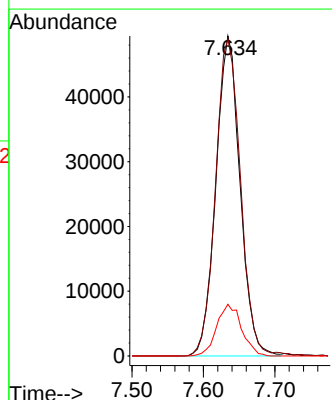
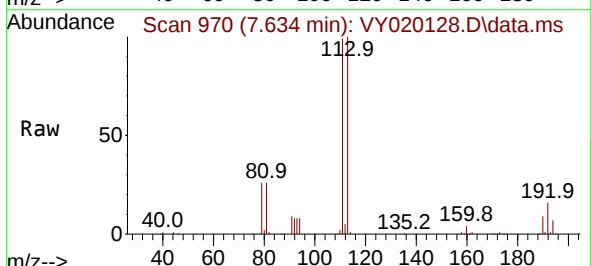
Tgt Ion:113 Resp: 115825

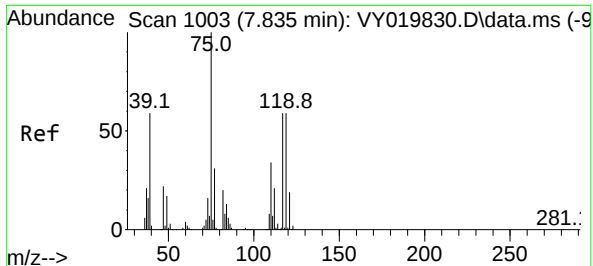
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 16.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

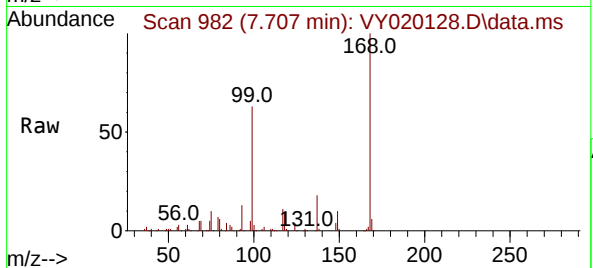
Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :



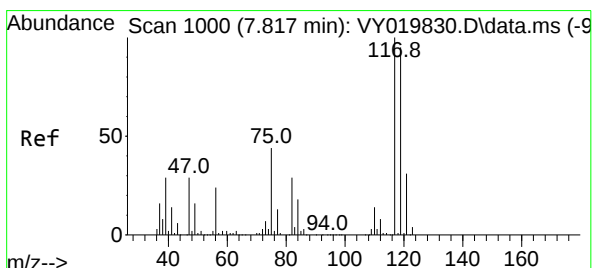
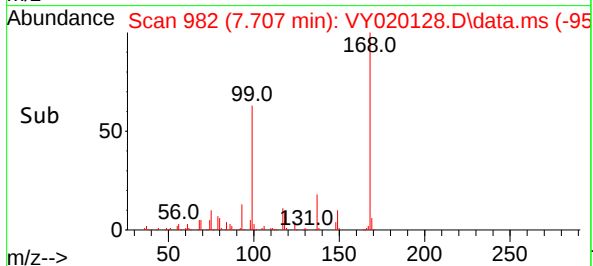
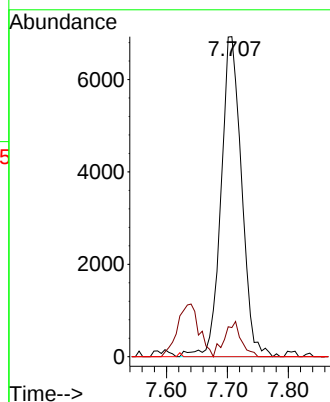
Tgt Ion: 75 Resp: 16245

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.660 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

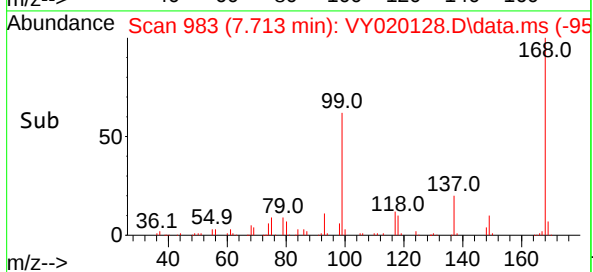
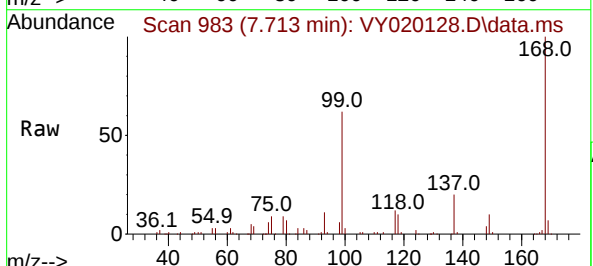
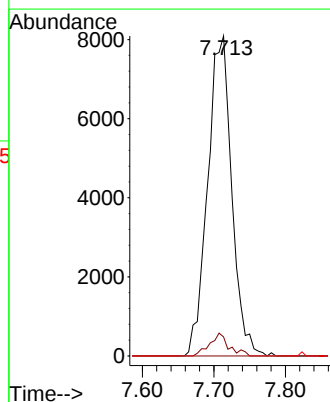
Tgt Ion: 117 Resp: 18930

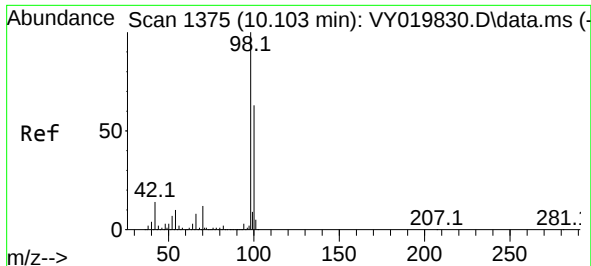
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.0 36.0#

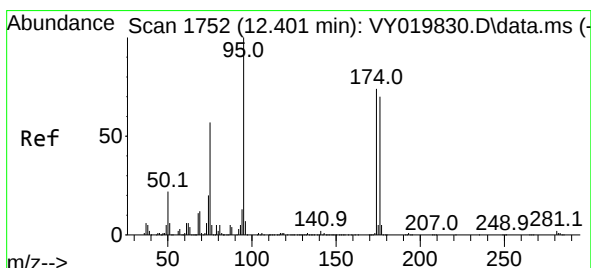
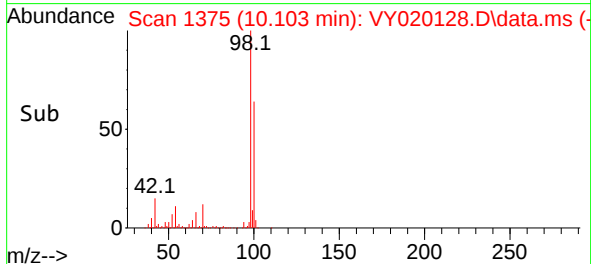
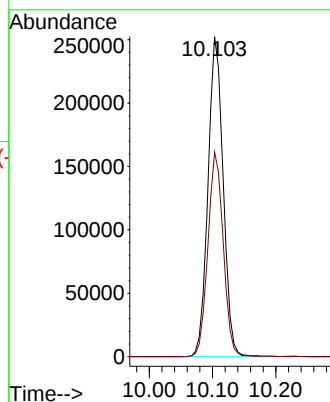
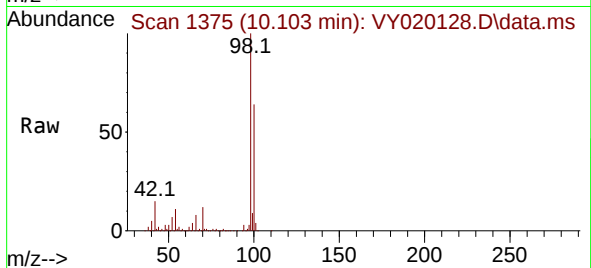




#50
Toluene-d8
Concen: 49.162 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

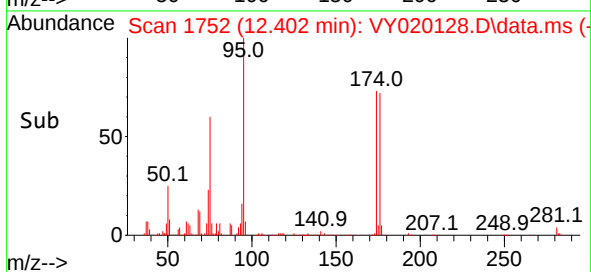
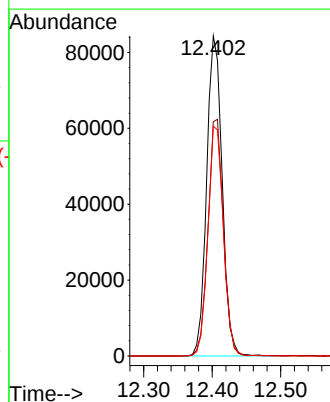
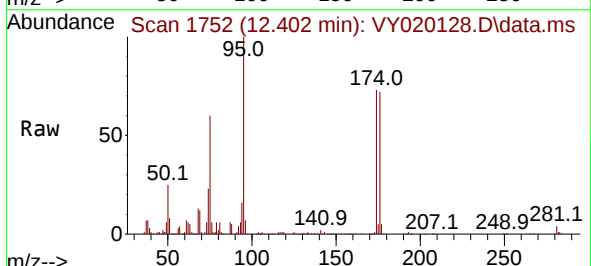
Instrument :
MSVOA_Y
ClientSampleId :

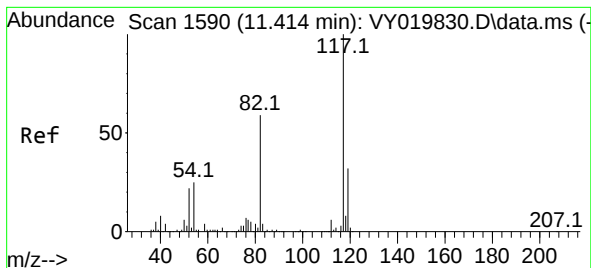
Tgt Ion: 98 Resp: 421310
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.667 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

Tgt Ion: 95 Resp: 132684
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

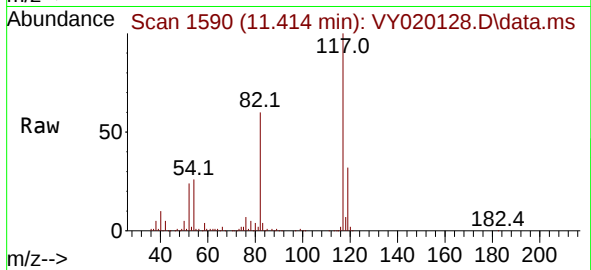
Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :



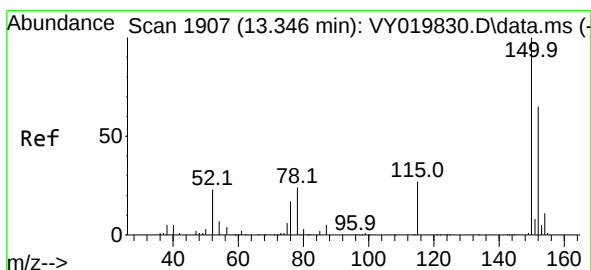
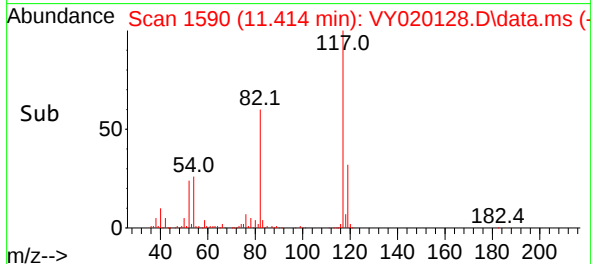
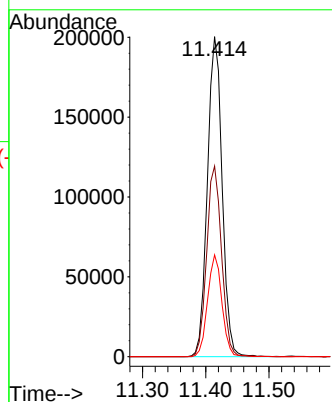
Tgt Ion:117 Resp: 324781

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

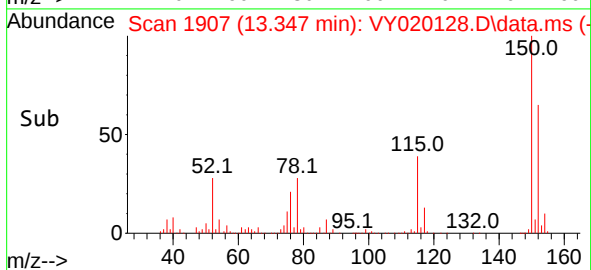
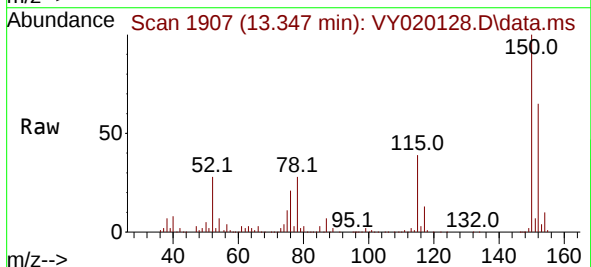
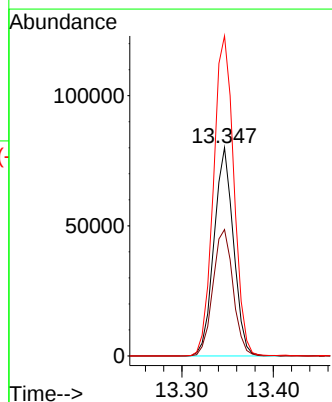
Tgt Ion:152 Resp: 118518

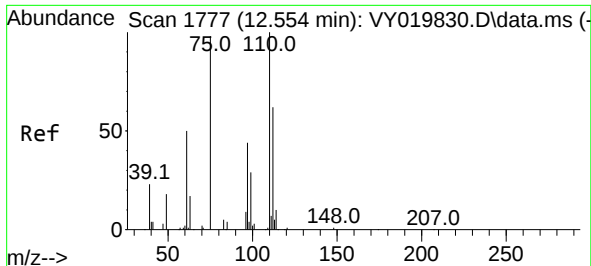
Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 160.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 71.306 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Instrument :

MSVOA_Y

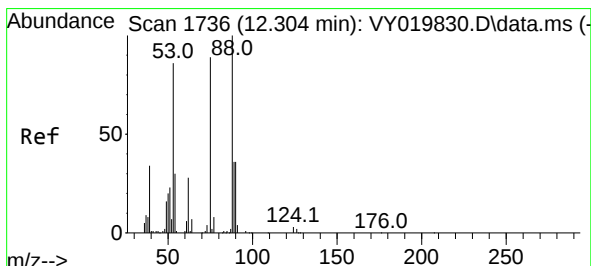
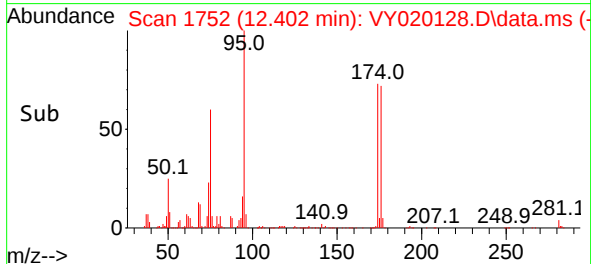
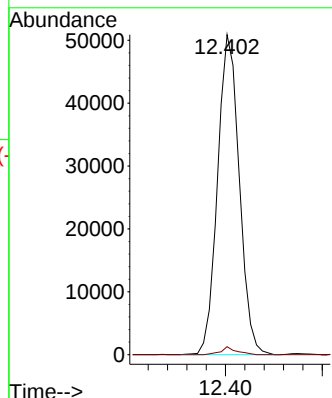
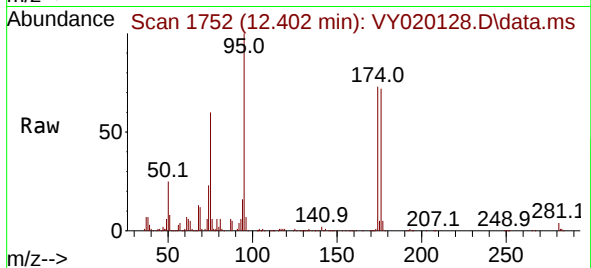
ClientSampleId :

Tgt Ion: 75 Resp: 79220

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 153.377 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Tgt Ion: 75 Resp: 79220

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

