

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011960.D
 Acq On : 21 Dec 2022 20:28
 Operator : KP/MD
 Sample : N6161-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 N40305

Quant Time: Dec 22 00:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

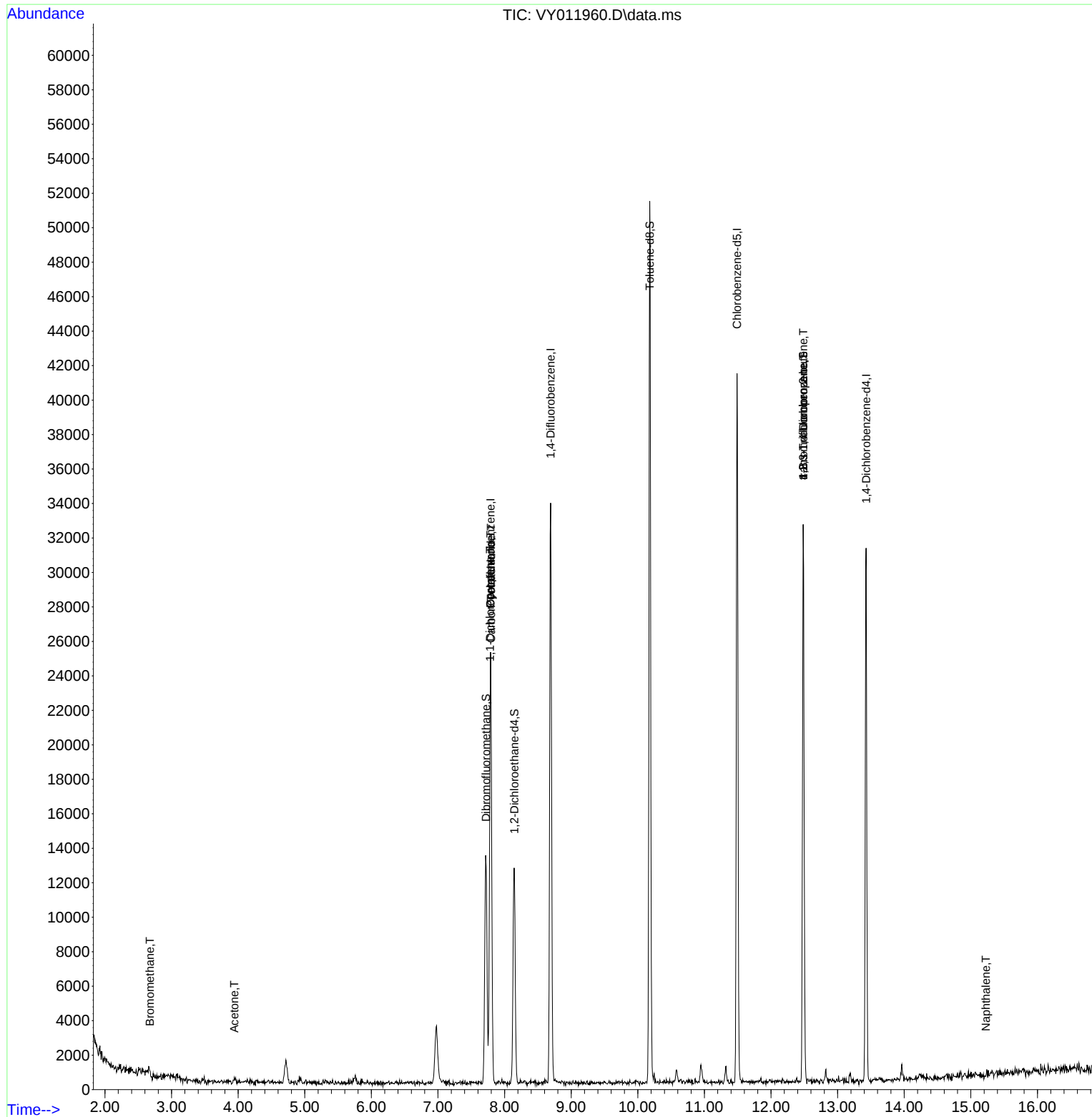
Internal Standards						
1) Pentafluorobenzene	7.789	168	19579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	24325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10465	53.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.100%	
35) Dibromofluoromethane	7.722	113	9661	53.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.179	98	35106	47.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	12.483	95	8855	35.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	170	1.243	ug/l #	1
11) Tert butyl alcohol	4.930	59	214	Below Cal	#	74
16) Acetone	3.942	43	331	10.385	ug/l #	40
20) Methylene Chloride	4.716	84	1106	Below Cal	#	90
31) Cyclohexane	7.789	56	348	1.048	ug/l #	57
36) 1,1-Dichloropropene	7.783	75	1453	5.012	ug/l #	42
38) Carbon Tetrachloride	7.795	117	2063	6.162	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	4384	37.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4384	103.923	ug/l #	13
95) Naphthalene	15.227	128	147	3.184	ug/l #	69

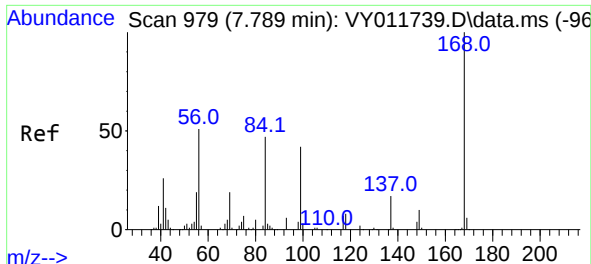
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011960.D
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Dec 22 00:15:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

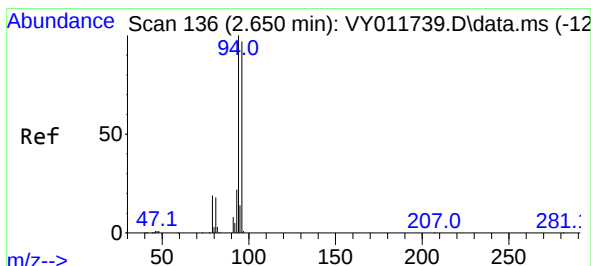
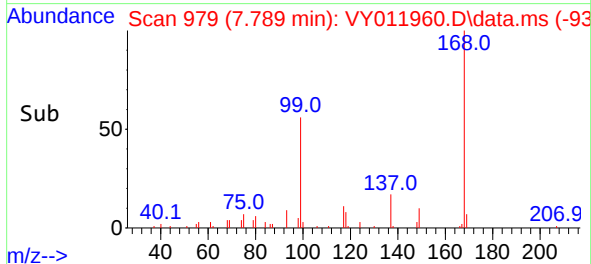
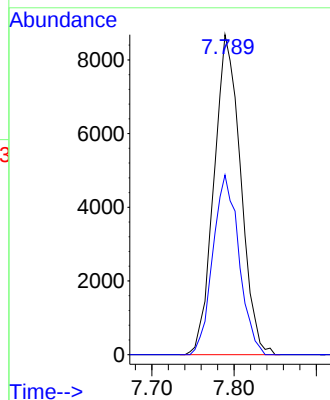
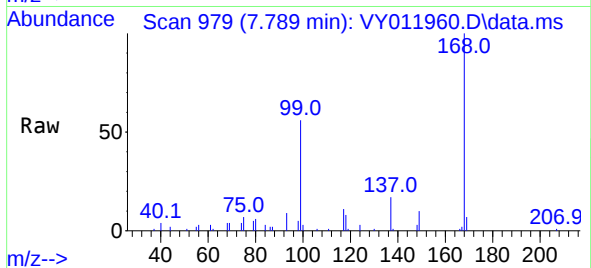




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

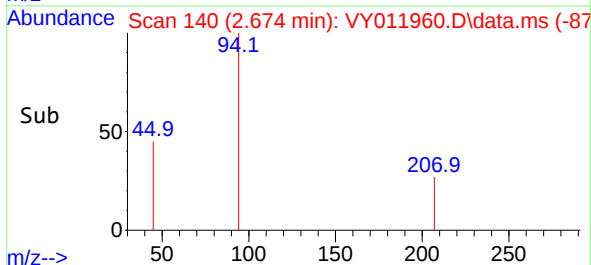
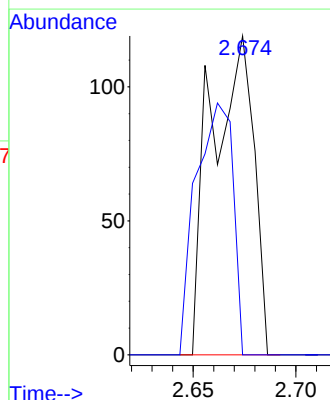
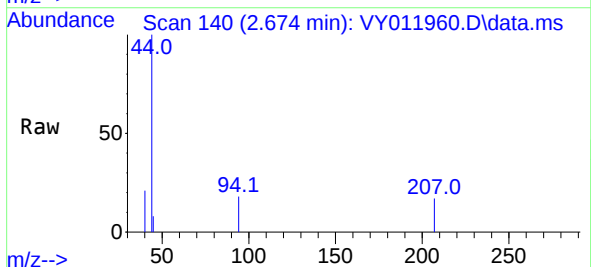
Instrument :
MSVOA_Y
ClientSampleId :
N40305

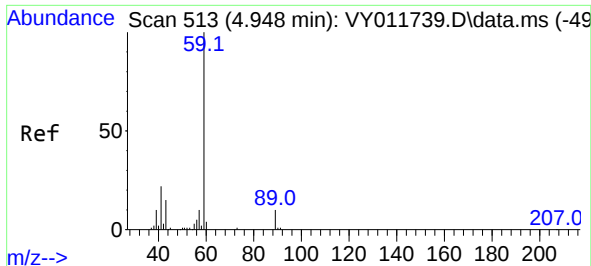
Tgt Ion:168 Resp: 19579
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#5
Bromomethane
Concen: 1.243 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#

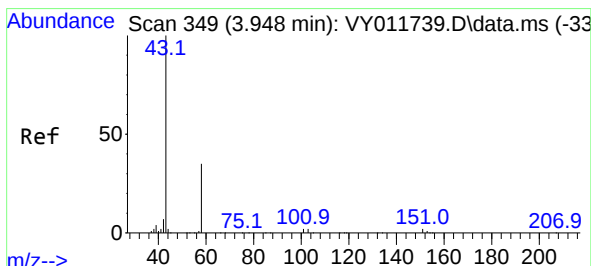
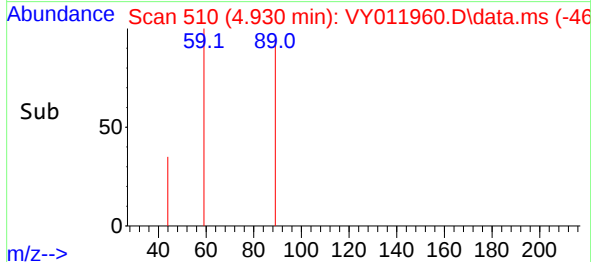
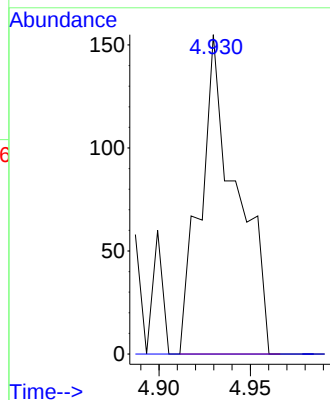
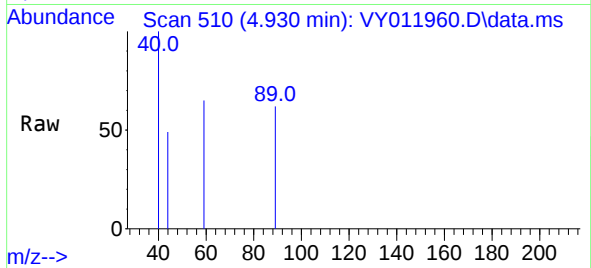




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

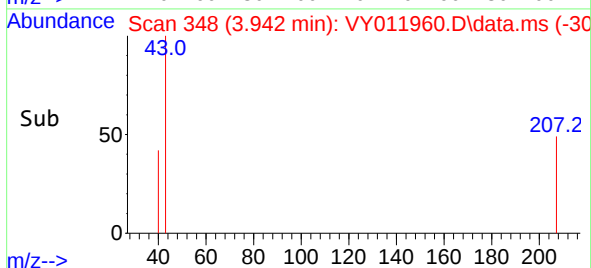
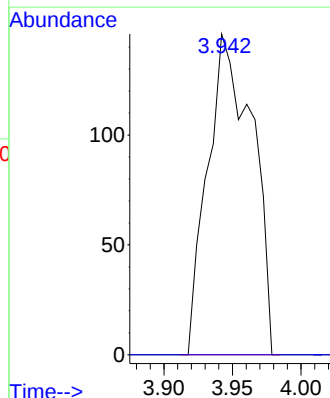
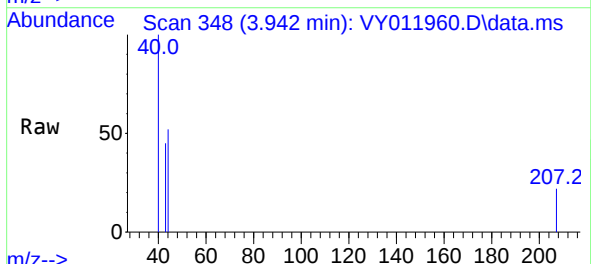
Instrument :
MSVOA_Y
ClientSampleId :
N40305

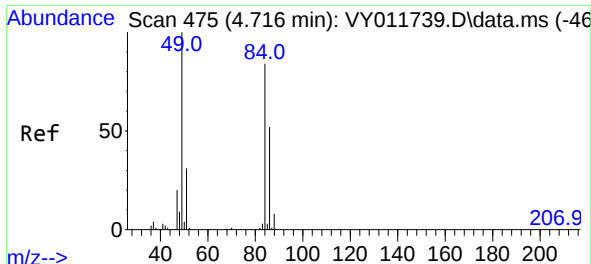
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 10.385 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

N40305

Tgt Ion: 84 Resp: 1106

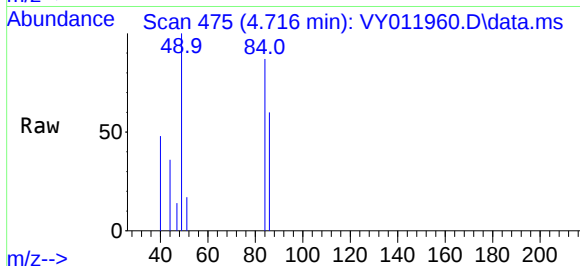
Ion Ratio Lower Upper

84 100

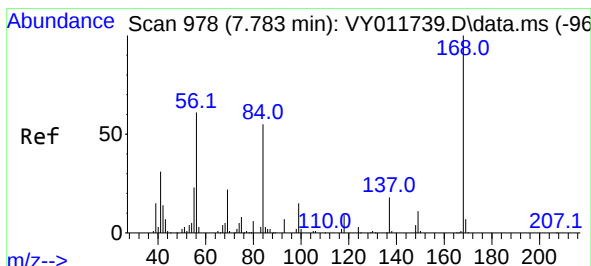
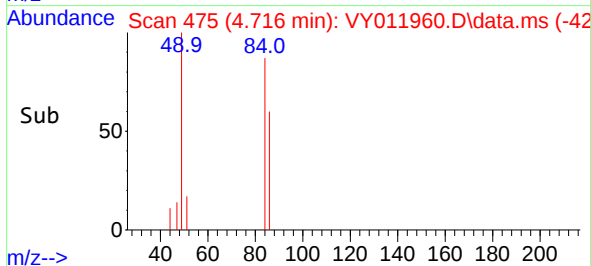
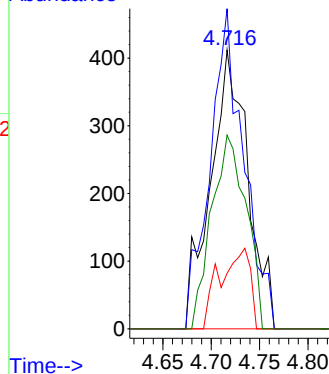
49 114.8 95.4 143.2

51 19.9 29.9 44.9#

86 69.4 49.6 74.4



Abundance



#31

Cyclohexane

Concen: 1.048 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

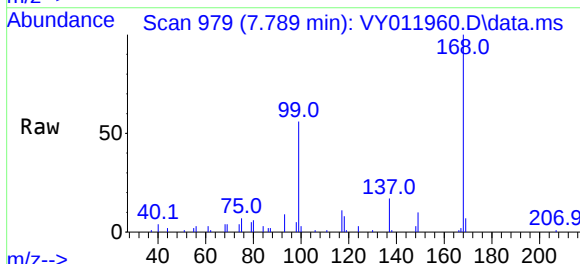
Tgt Ion: 56 Resp: 348

Ion Ratio Lower Upper

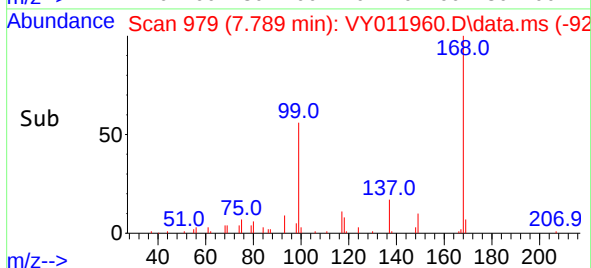
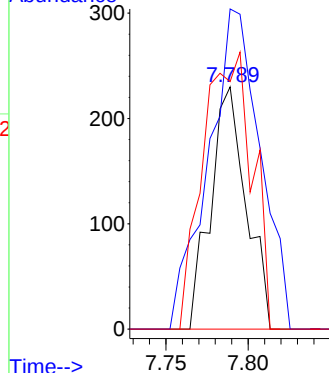
56 100

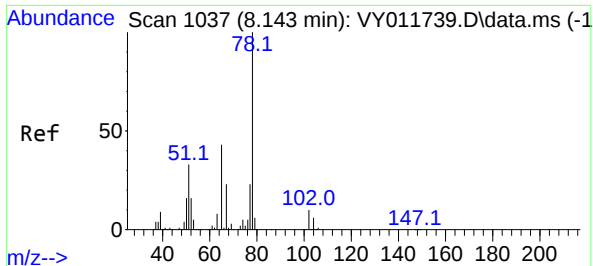
69 107.0 29.2 43.8#

84 102.2 72.6 108.8



Abundance





#33

1,2-Dichloroethane-d4

Concen: 53.053 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

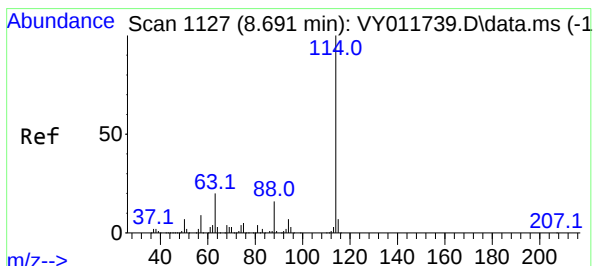
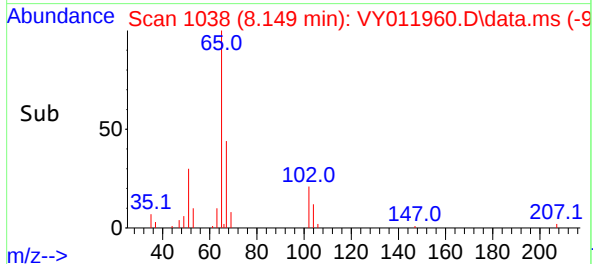
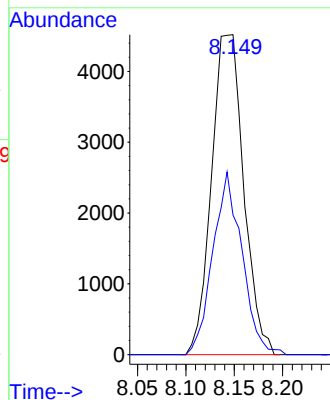
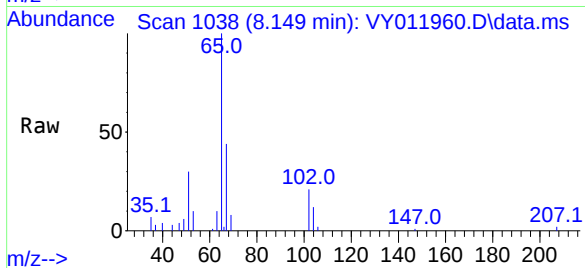
N40305

Tgt Ion: 65 Resp: 10465

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

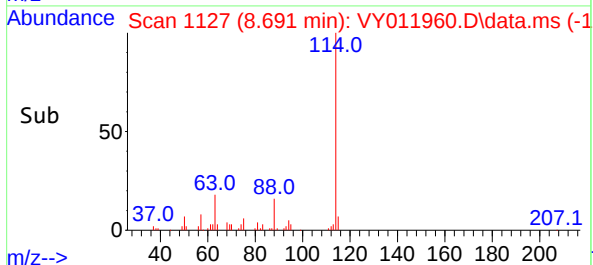
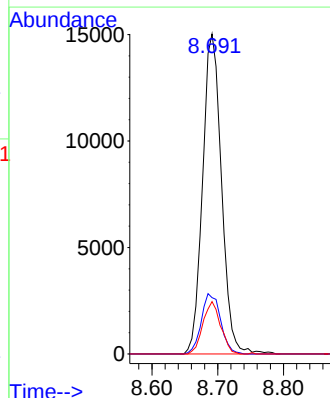
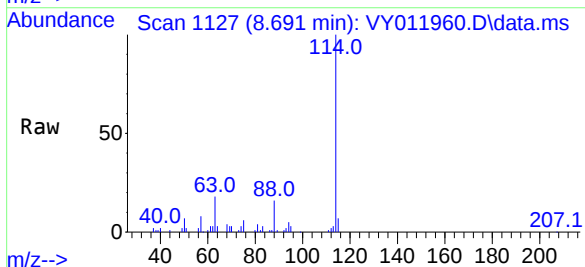
Tgt Ion: 114 Resp: 30019

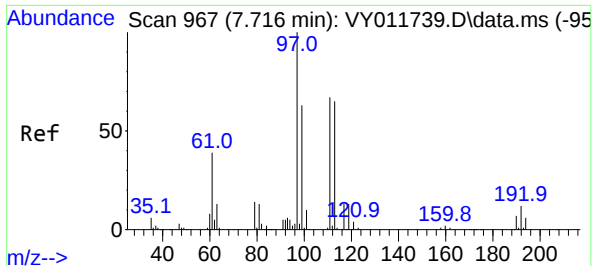
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.458 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

N40305

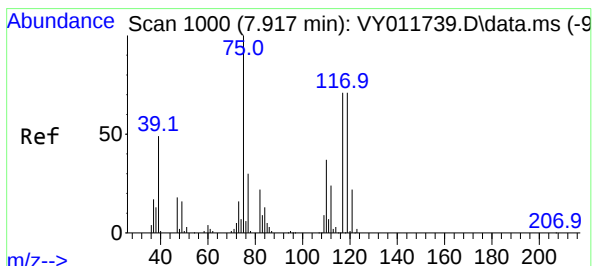
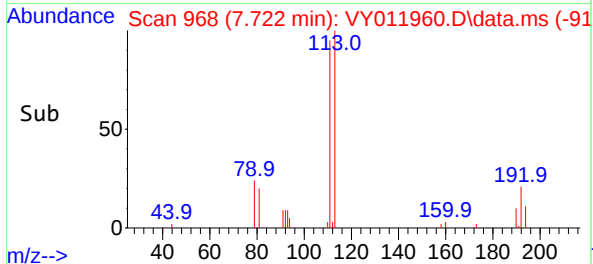
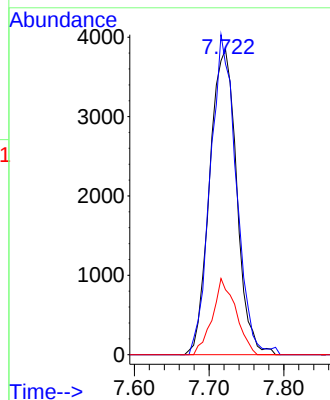
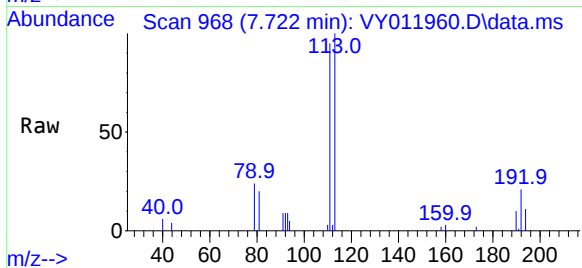
Tgt Ion:113 Resp: 9661

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

192 21.7 16.0 24.0



#36

1,1-Dichloropropene

Concen: 5.012 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

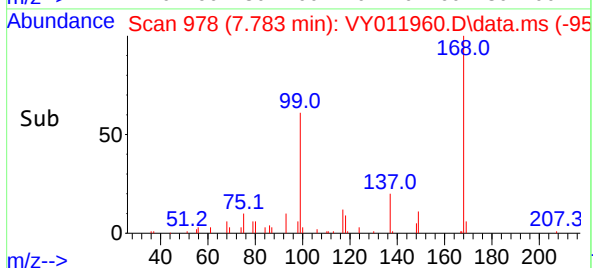
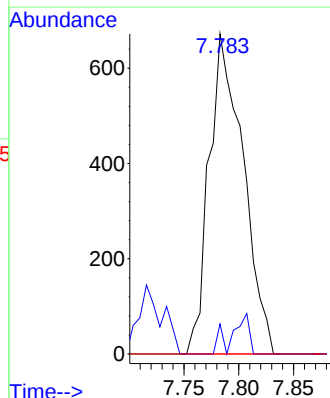
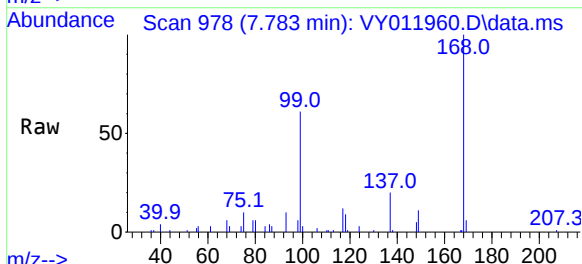
Tgt Ion: 75 Resp: 1453

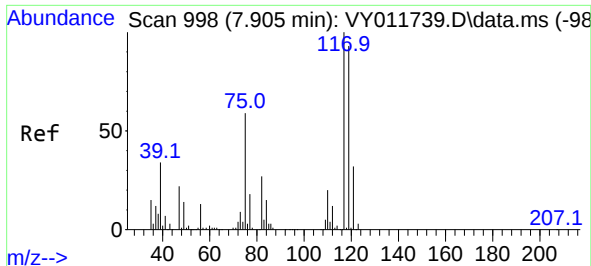
Ion Ratio Lower Upper

75 100

110 1.6 18.1 54.1#

77 0.0 25.1 37.7#

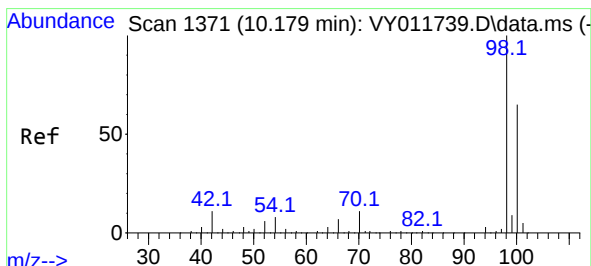
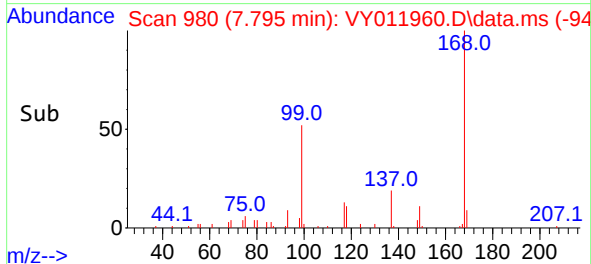
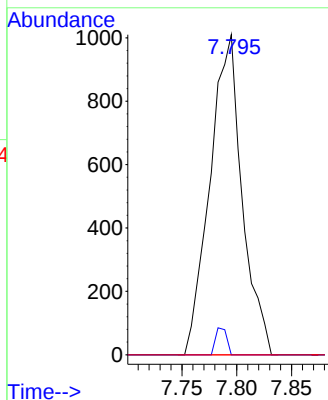
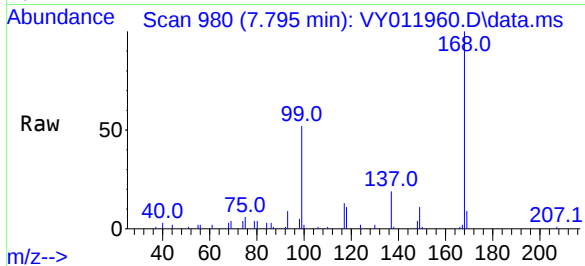




#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

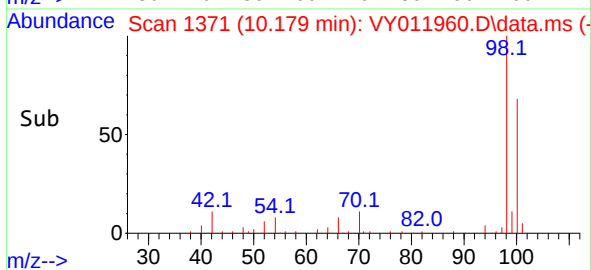
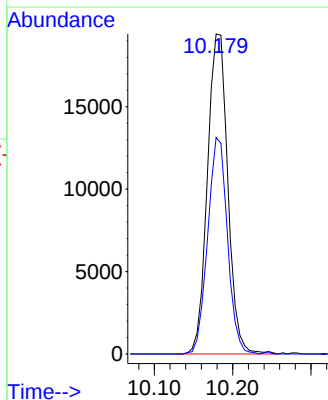
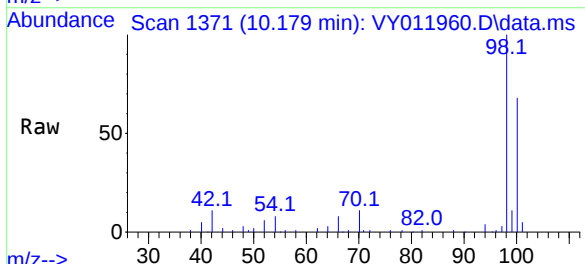
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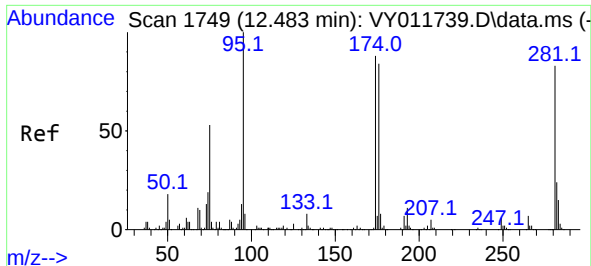
Tgt Ion:117 Resp: 2063
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 47.878 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion: 98 Resp: 35106
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

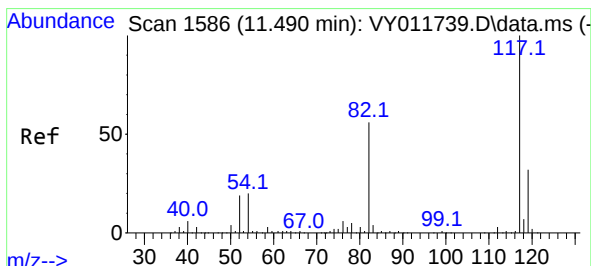
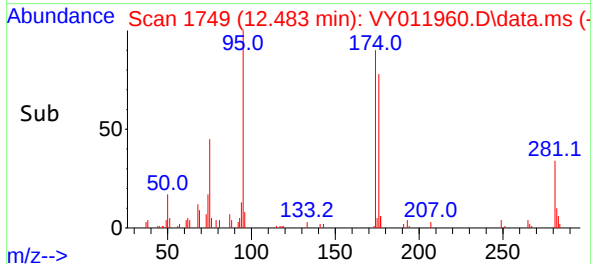
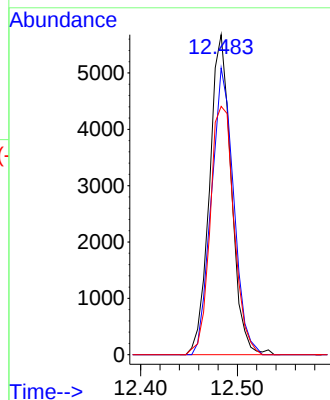
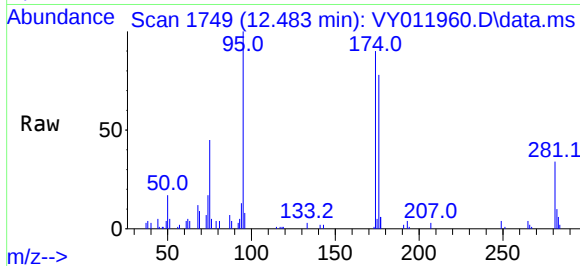




#62
4-Bromofluorobenzene
Concen: 35.908 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

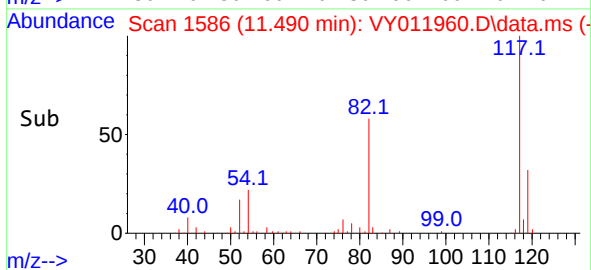
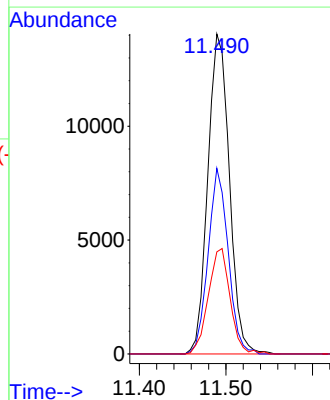
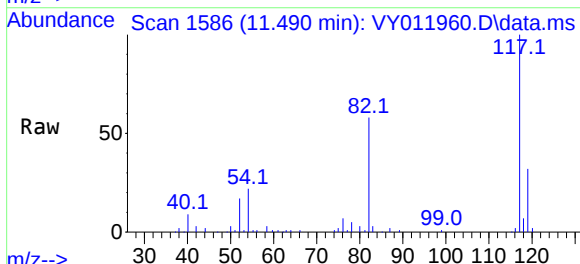
Instrument :
MSVOA_Y
ClientSampleId :
N40305

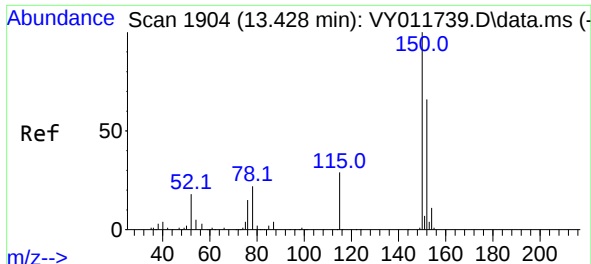
Tgt Ion:	95	Resp:	8855
Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	172.0
176	85.2	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

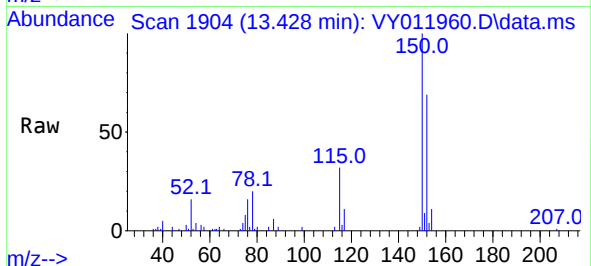
Tgt Ion:	117	Resp:	24325
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.8	67.2
119	31.9	25.4	38.2



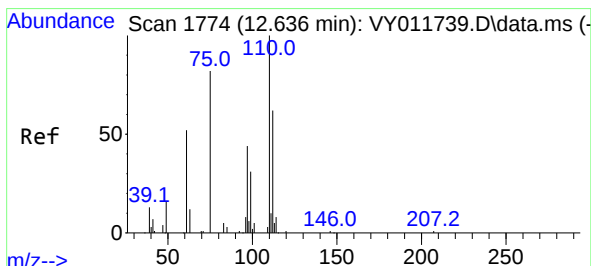
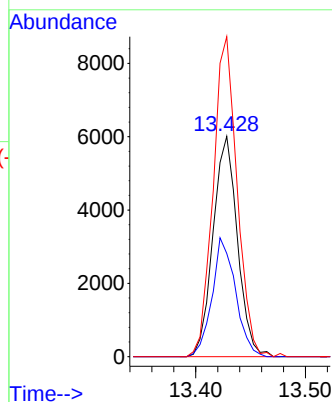
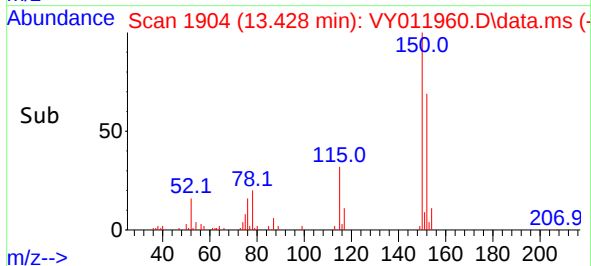


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011960.D
 Acq: 21 Dec 2022 20:28

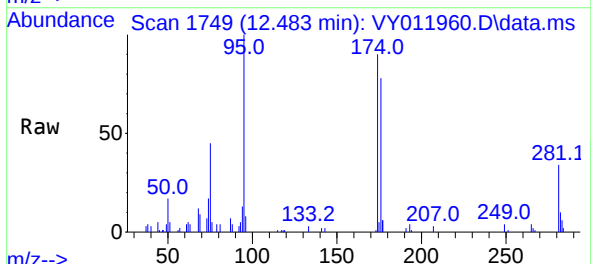
Instrument :
 MSVOA_Y
 ClientSampleId :
 N40305



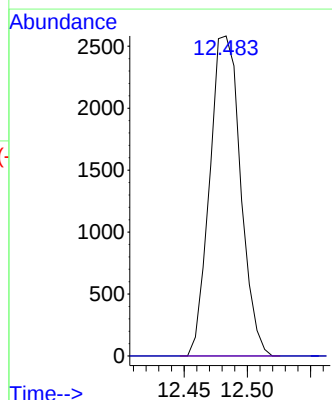
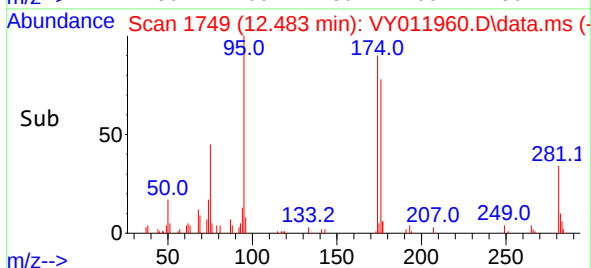
Tgt Ion:152 Resp: 9284
 Ion Ratio Lower Upper
 152 100
 115 52.0 29.1 87.3
 150 143.1 0.0 342.6

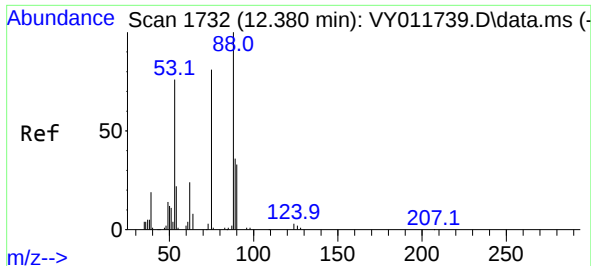


#76
 1,2,3-Trichloropropane
 Concen: 37.949 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY011960.D
 Acq: 21 Dec 2022 20:28



Tgt Ion: 75 Resp: 4384
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

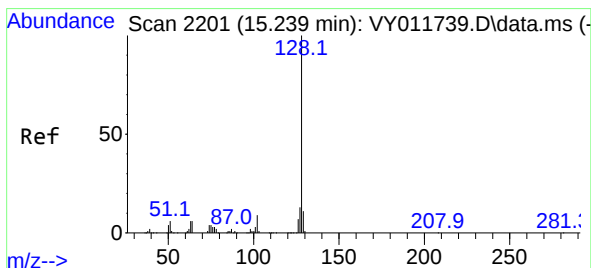
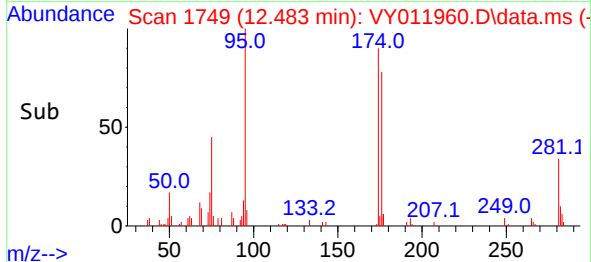
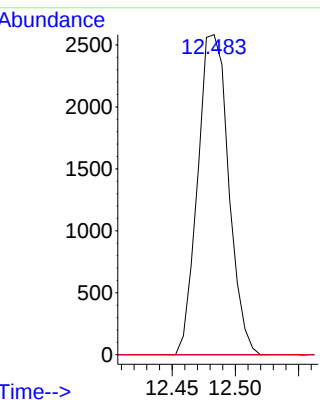
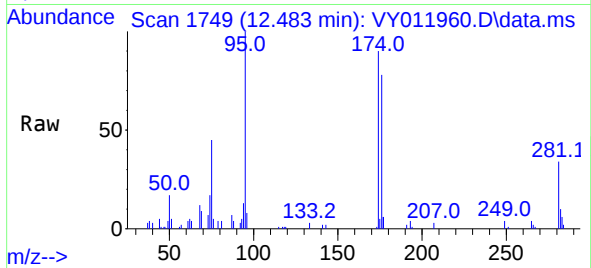




#81
trans-1,4-Dichloro-2-butene
Concen: 103.923 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
N40305

Tgt Ion: 75 Resp: 4384
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.184 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion: 128 Resp: 147
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

