

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011487.D
 Acq On : 16 Nov 2022 20:33
 Operator : KP/MD
 Sample : N5641-17
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

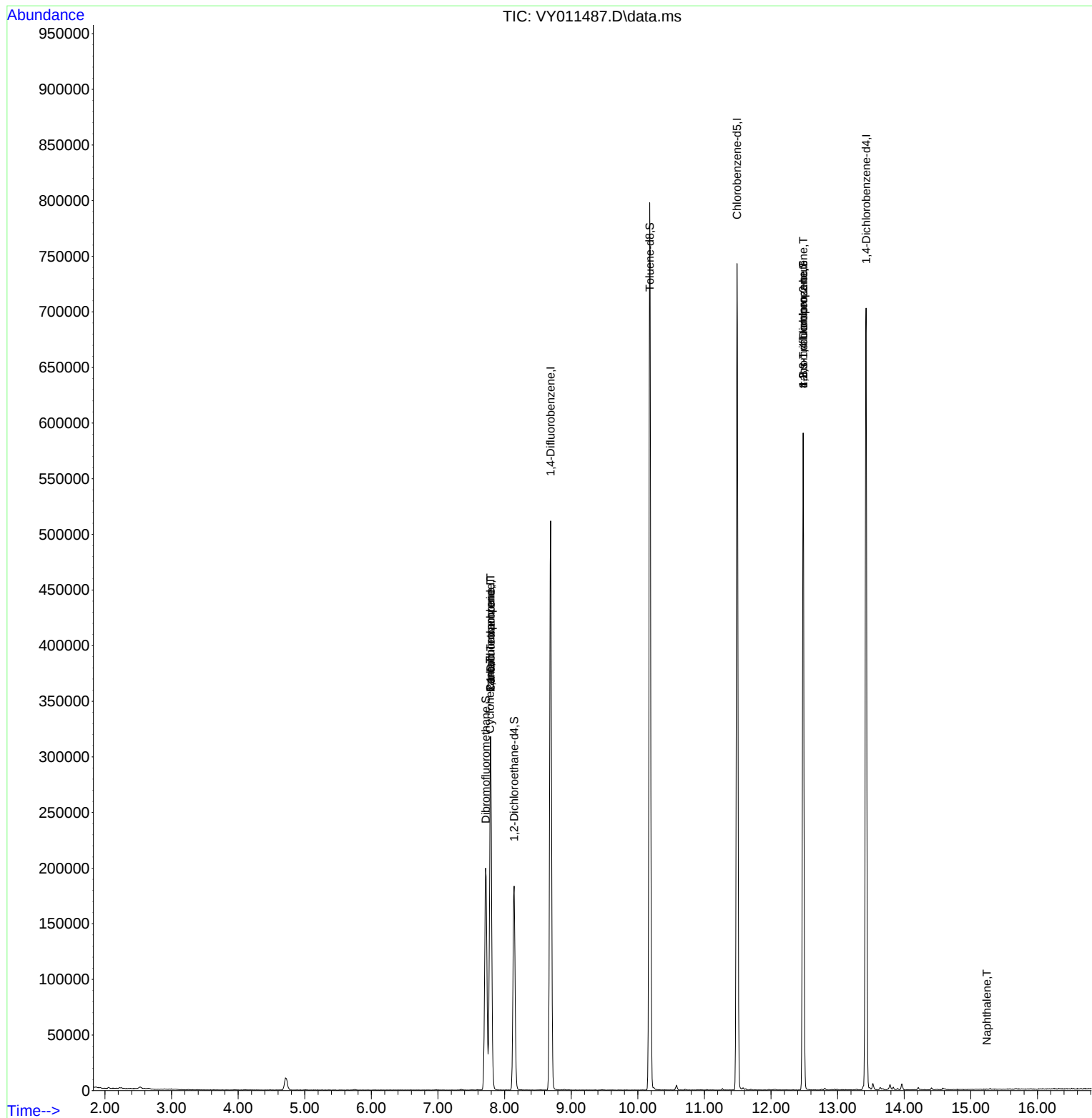
Internal Standards						
1) Pentafluorobenzene	7.789	168	251590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	461269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	443590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	143534	68.082	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 136.160%		
35) Dibromofluoromethane	7.716	113	146327	56.605	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.200%		
50) Toluene-d8	10.179	98	548096	55.500	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.000%		
62) 4-Bromofluorobenzene	12.483	95	178137	51.715	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43	Below Cal	#	43
18) Methyl Acetate	4.473	43	99	Below Cal	#	56
20) Methylene Chloride	4.710	84	9444	Below Cal	#	72
31) Cyclohexane	7.783	56	3811	1.006	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16918	4.217	ug/l #	52
38) Carbon Tetrachloride	7.789	117	23814	5.457	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	85623	37.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85623	90.595	ug/l #	7
95) Naphthalene	15.239	128	94	3.287	ug/l #	69

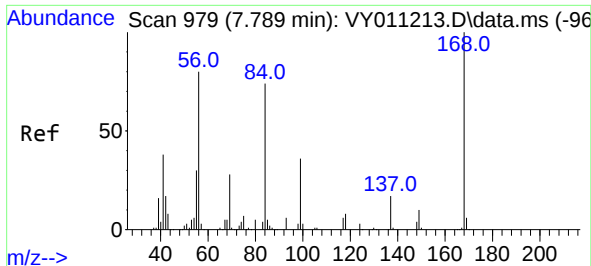
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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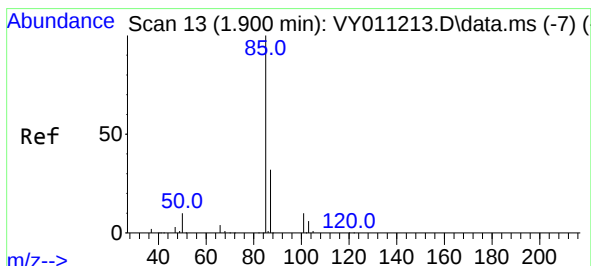
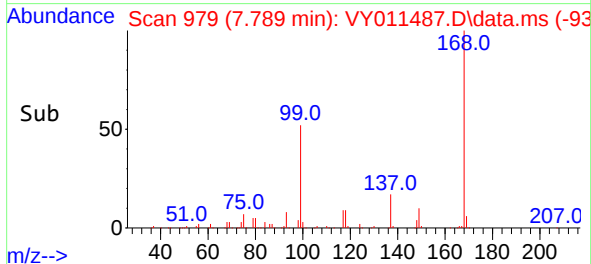
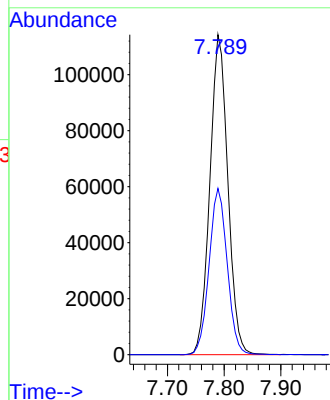
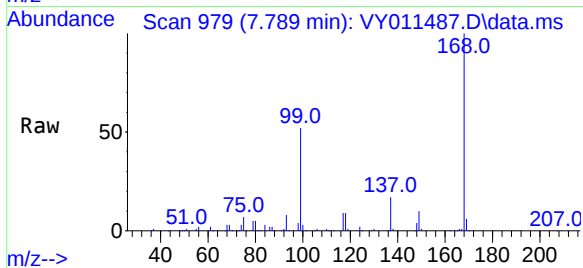




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

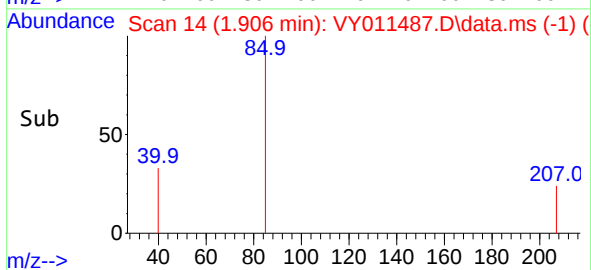
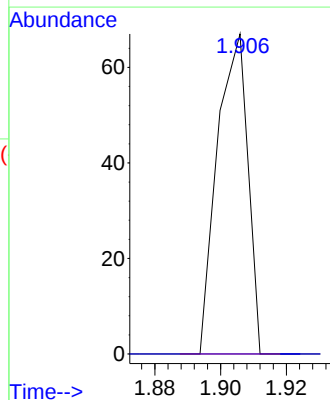
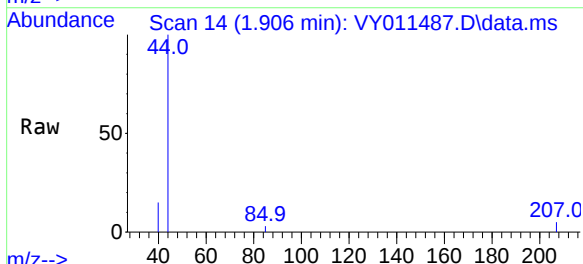
Instrument :
MSVOA_Y
ClientSampleId :

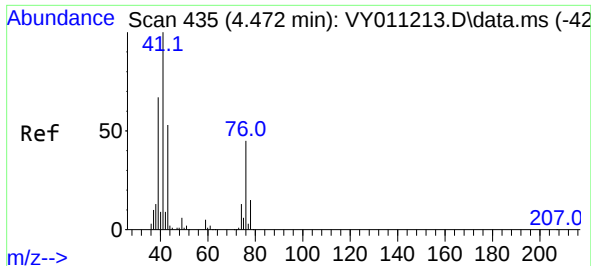
Tgt Ion:168 Resp: 251590
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

Tgt Ion: 85 Resp: 43
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 41

Delta R.T. -0.000 min

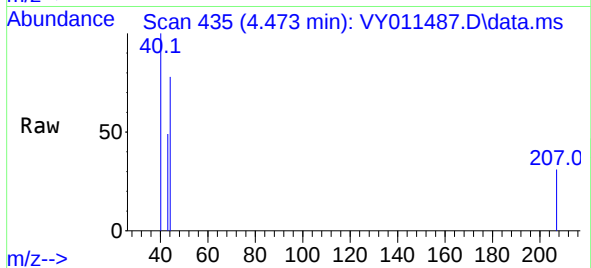
Lab File: VY011487.D

Acq: 16 Nov 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

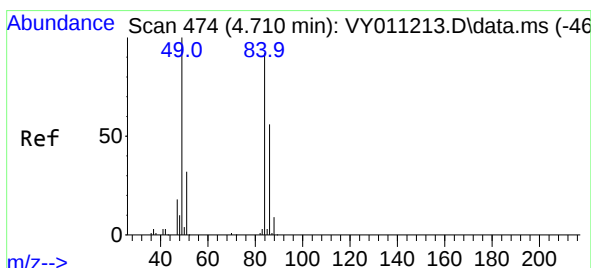
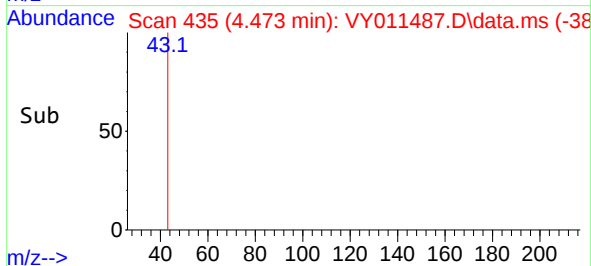
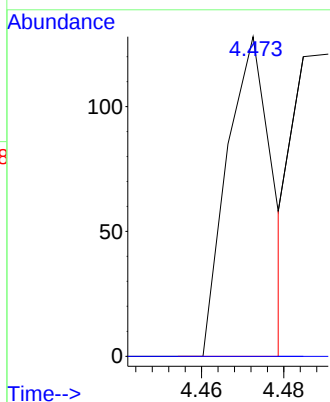


Tgt Ion: 43 Resp: 99

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011487.D

Acq: 16 Nov 2022 20:33

Tgt Ion: 84 Resp: 9444

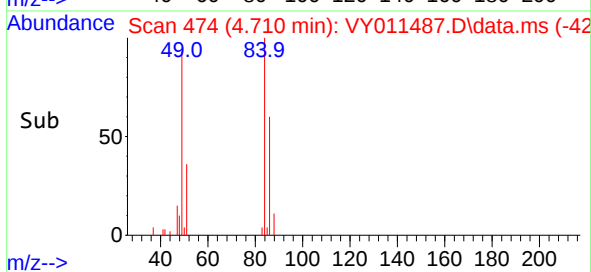
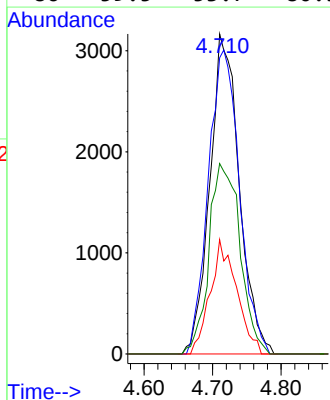
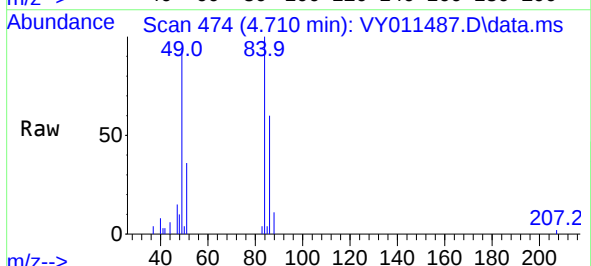
Ion Ratio Lower Upper

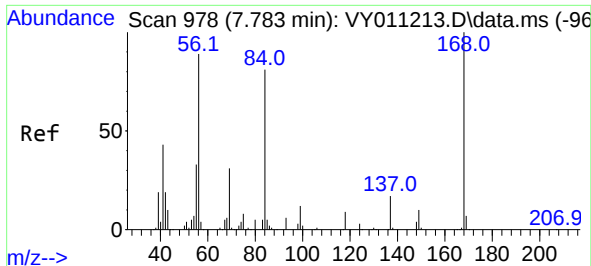
84 100

49 92.5 114.4 171.6#

51 35.7 35.3 52.9

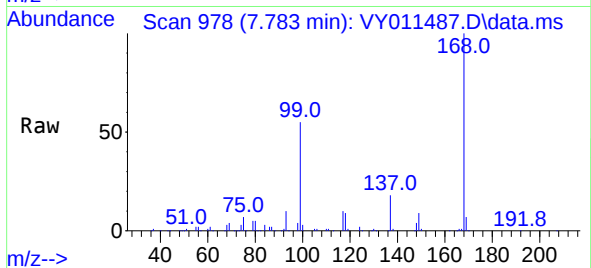
86 59.5 53.7 80.5



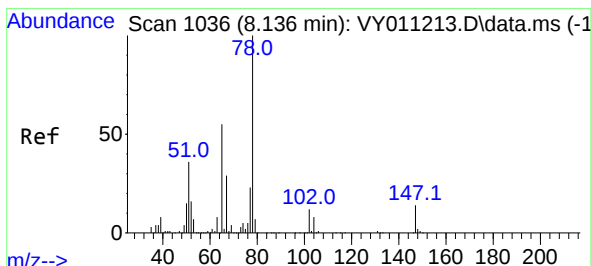
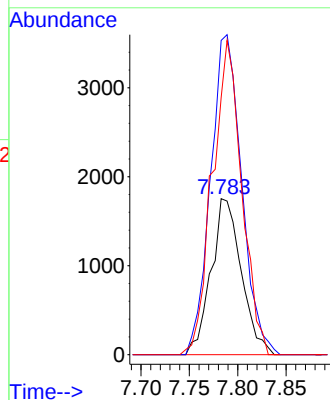
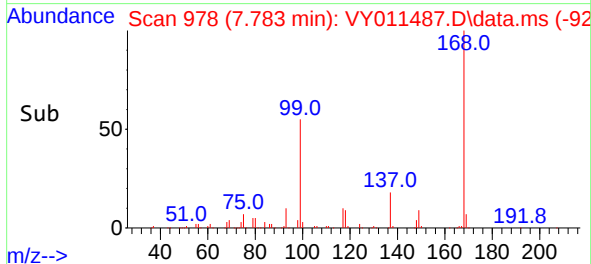


#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :

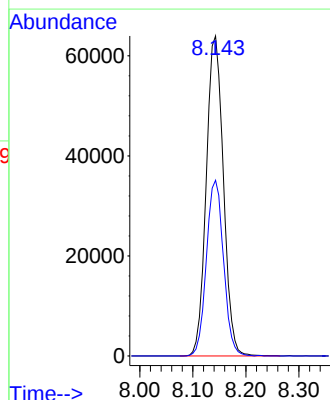
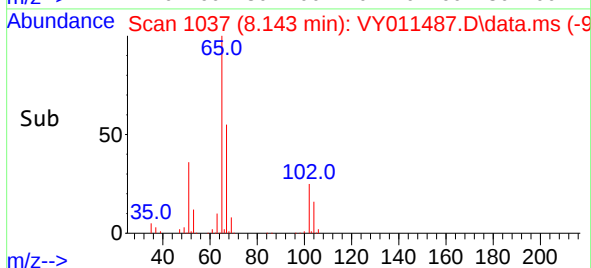
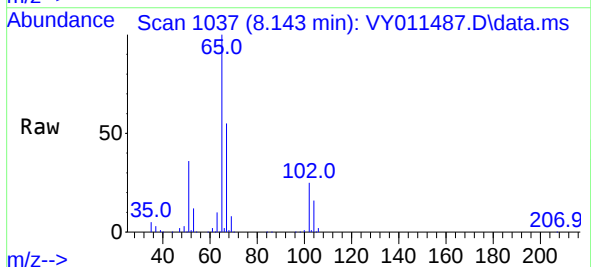


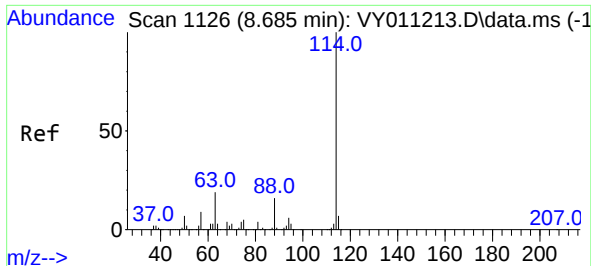
Tgt Ion: 56 Resp: 3811
Ion Ratio Lower Upper
56 100
69 201.4 26.7 40.1#
84 164.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.082 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

Tgt Ion: 65 Resp: 143534
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011487.D

Acq: 16 Nov 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

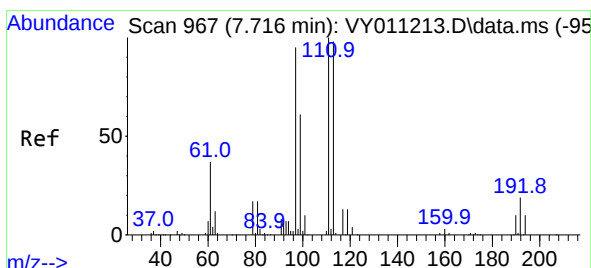
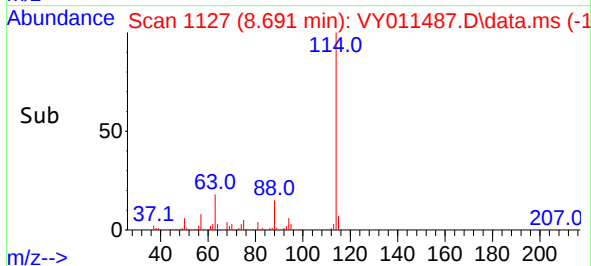
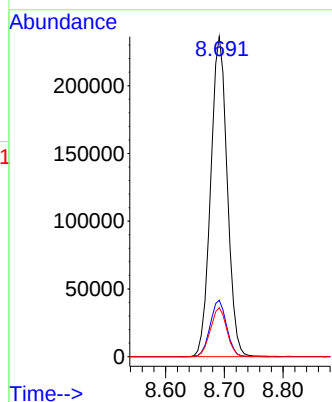
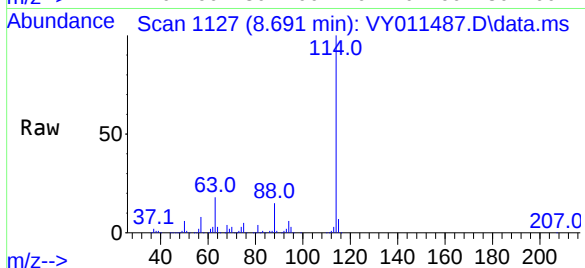
Tgt Ion:114 Resp: 461269

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.605 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011487.D

Acq: 16 Nov 2022 20:33

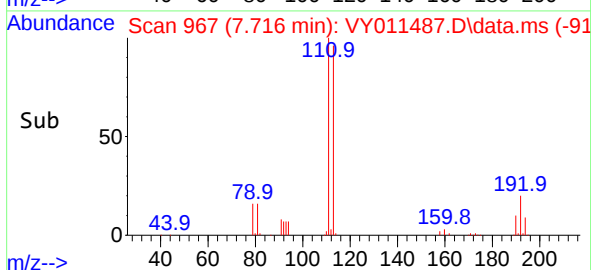
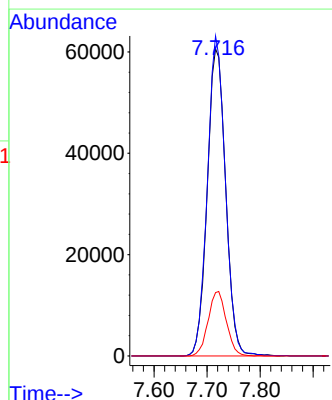
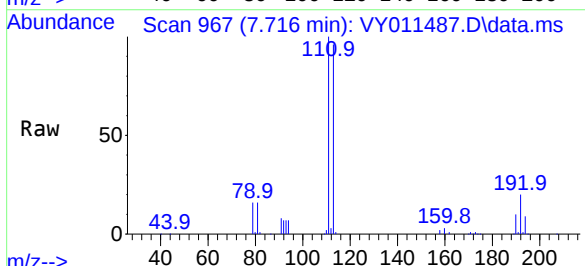
Tgt Ion:113 Resp: 146327

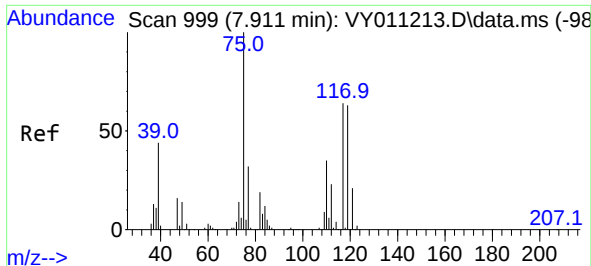
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 20.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.217 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011487.D

Acq: 16 Nov 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

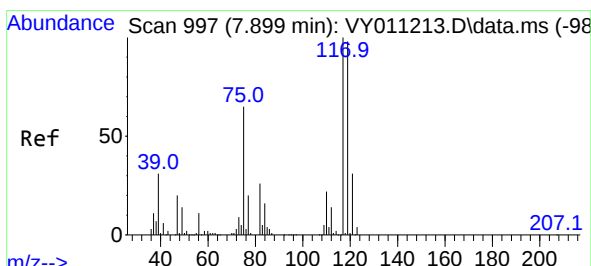
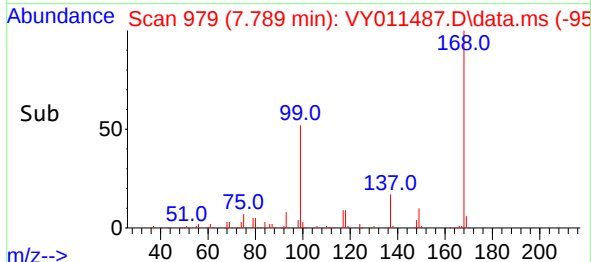
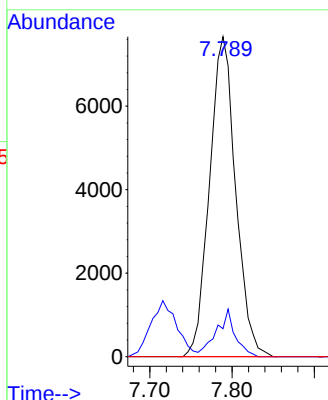
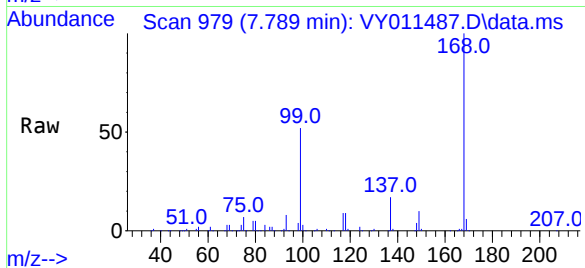
Tgt Ion: 75 Resp: 16918

Ion Ratio Lower Upper

75 100

110 10.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.457 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011487.D

Acq: 16 Nov 2022 20:33

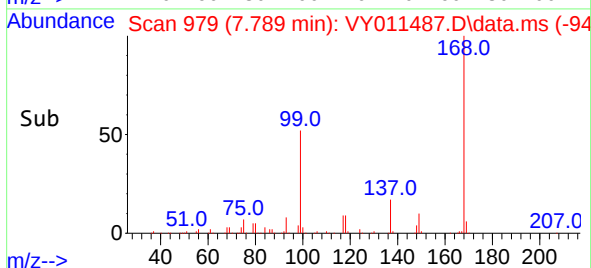
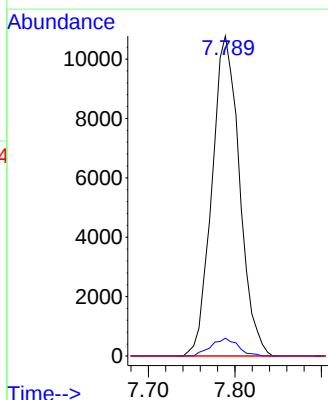
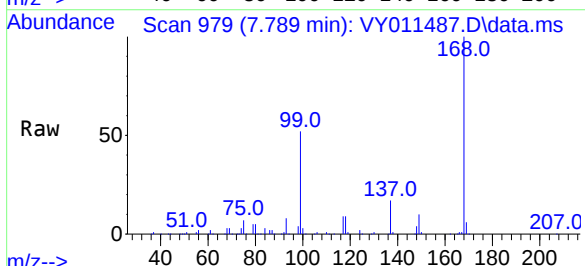
Tgt Ion: 117 Resp: 23814

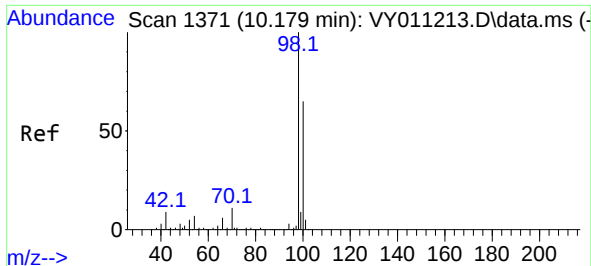
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

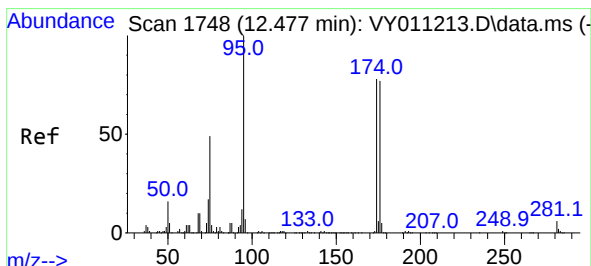
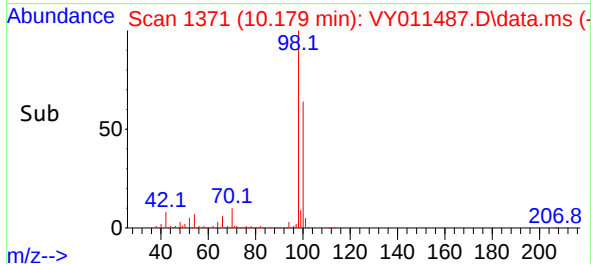
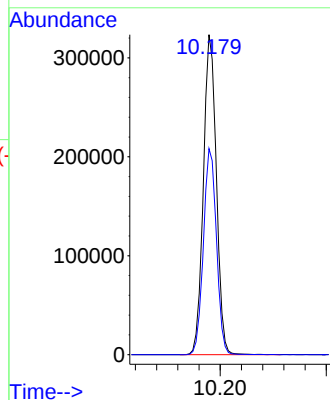
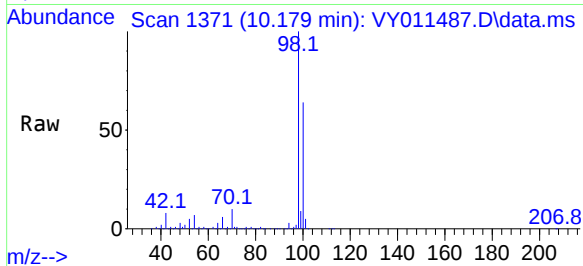




#50
Toluene-d8
Concen: 55.500 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

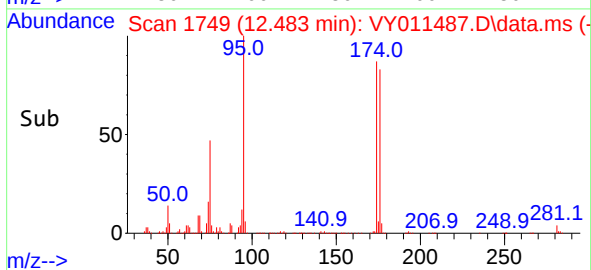
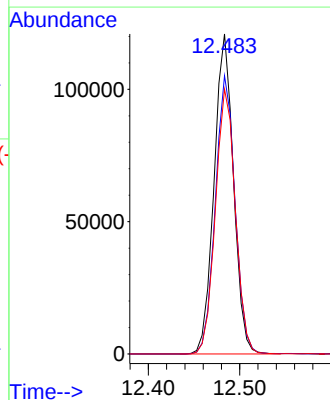
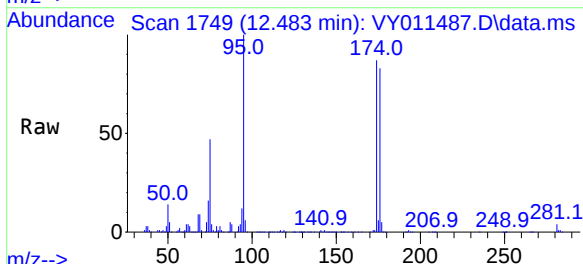
Instrument :
MSVOA_Y
ClientSampleId :

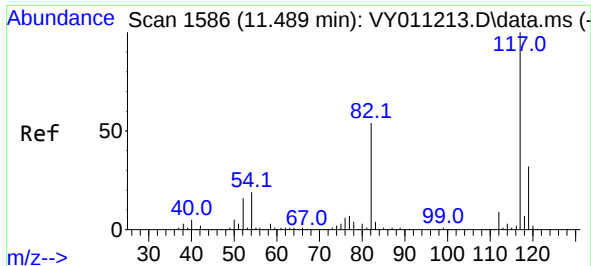
Tgt Ion: 98 Resp: 548096
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

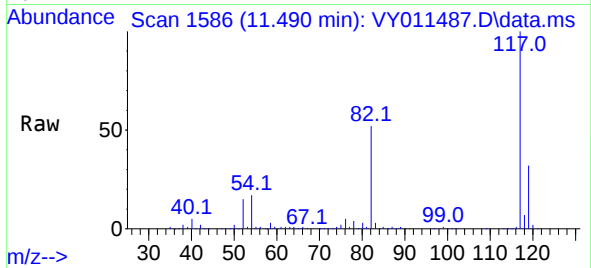
Tgt Ion: 95 Resp: 178137
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.2 0.0 175.8



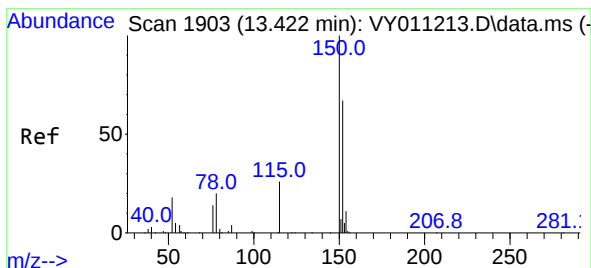
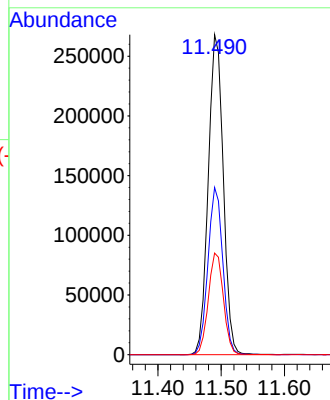
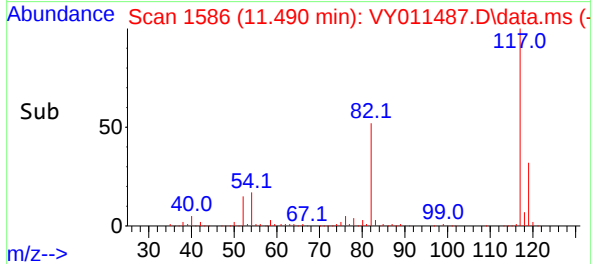


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

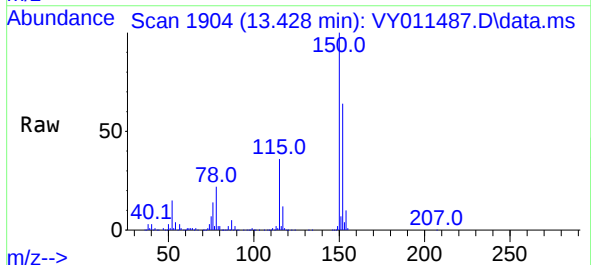
Instrument :
MSVOA_Y
ClientSampleId :



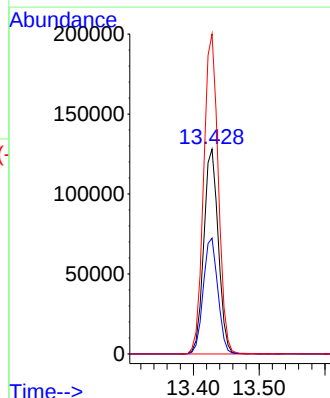
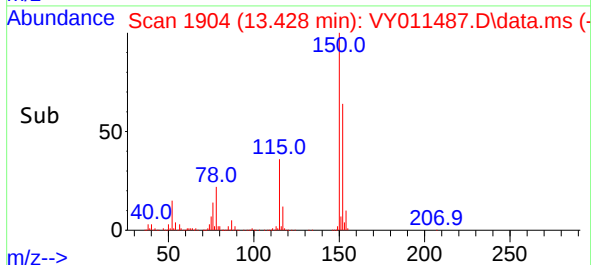
Tgt Ion:117 Resp: 443590
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.8 25.4 38.0

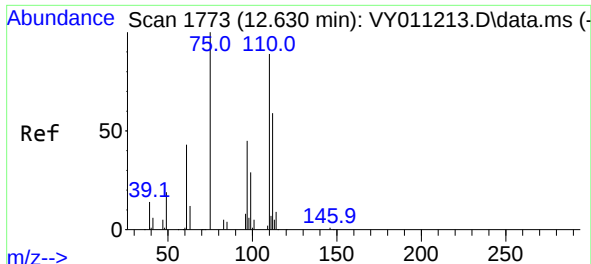


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33



Tgt Ion:152 Resp: 196262
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.8 0.0 347.6

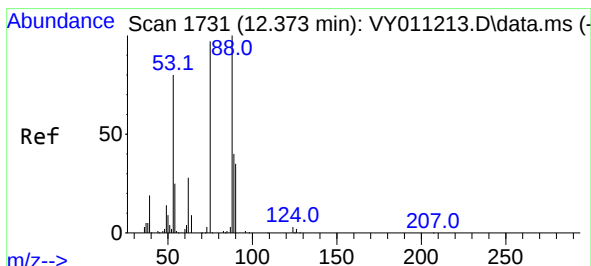
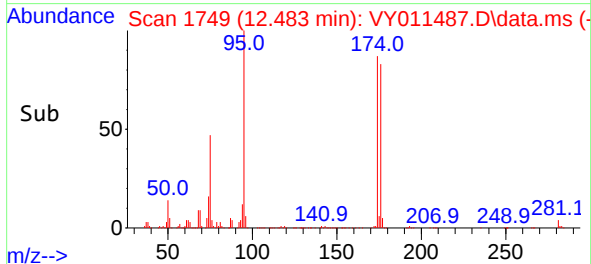
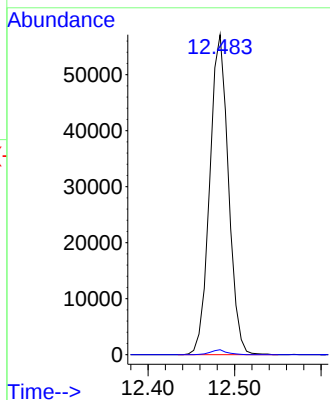
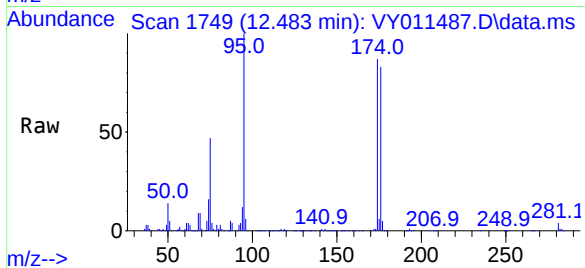




#76
1,2,3-Trichloropropane
Concen: 37.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

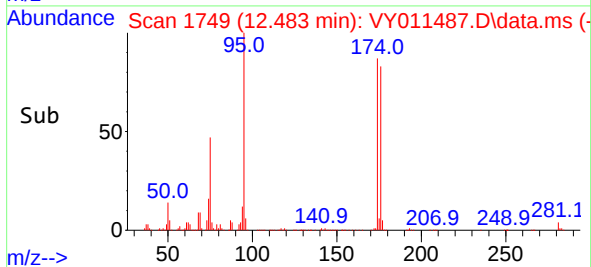
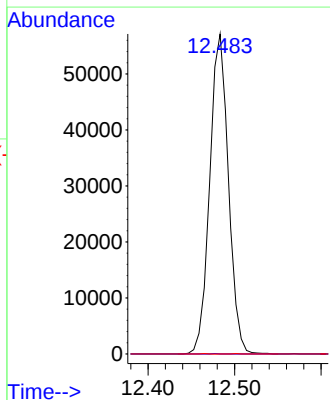
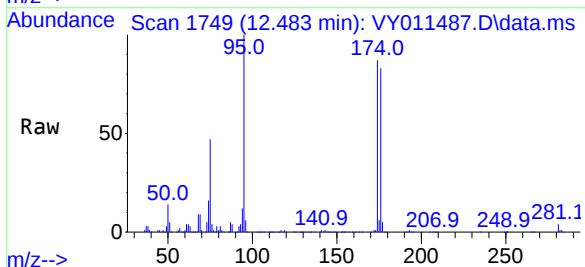
Instrument :
MSVOA_Y
ClientSampleId :

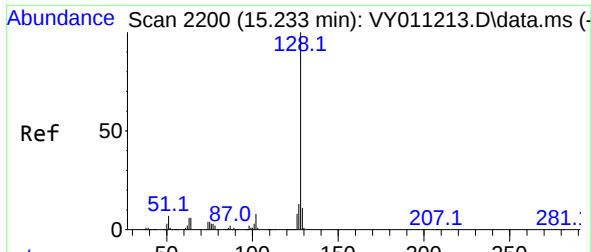
Tgt Ion: 75 Resp: 85623
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.595 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

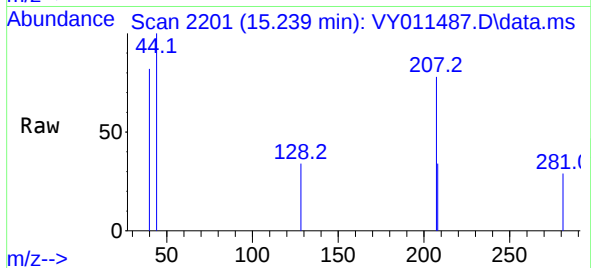
Tgt Ion: 75 Resp: 85623
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.287 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011487.D
Acq: 16 Nov 2022 20:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	94
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

