

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011481.D
 Acq On : 16 Nov 2022 18:13
 Operator : KP/MD
 Sample : N5641-11
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:17:34 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	252304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	464227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140056	66.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.480%
35) Dibromofluoromethane	7.715	113	138316	53.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.178	98	540955	54.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.483	95	169552	48.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.820%

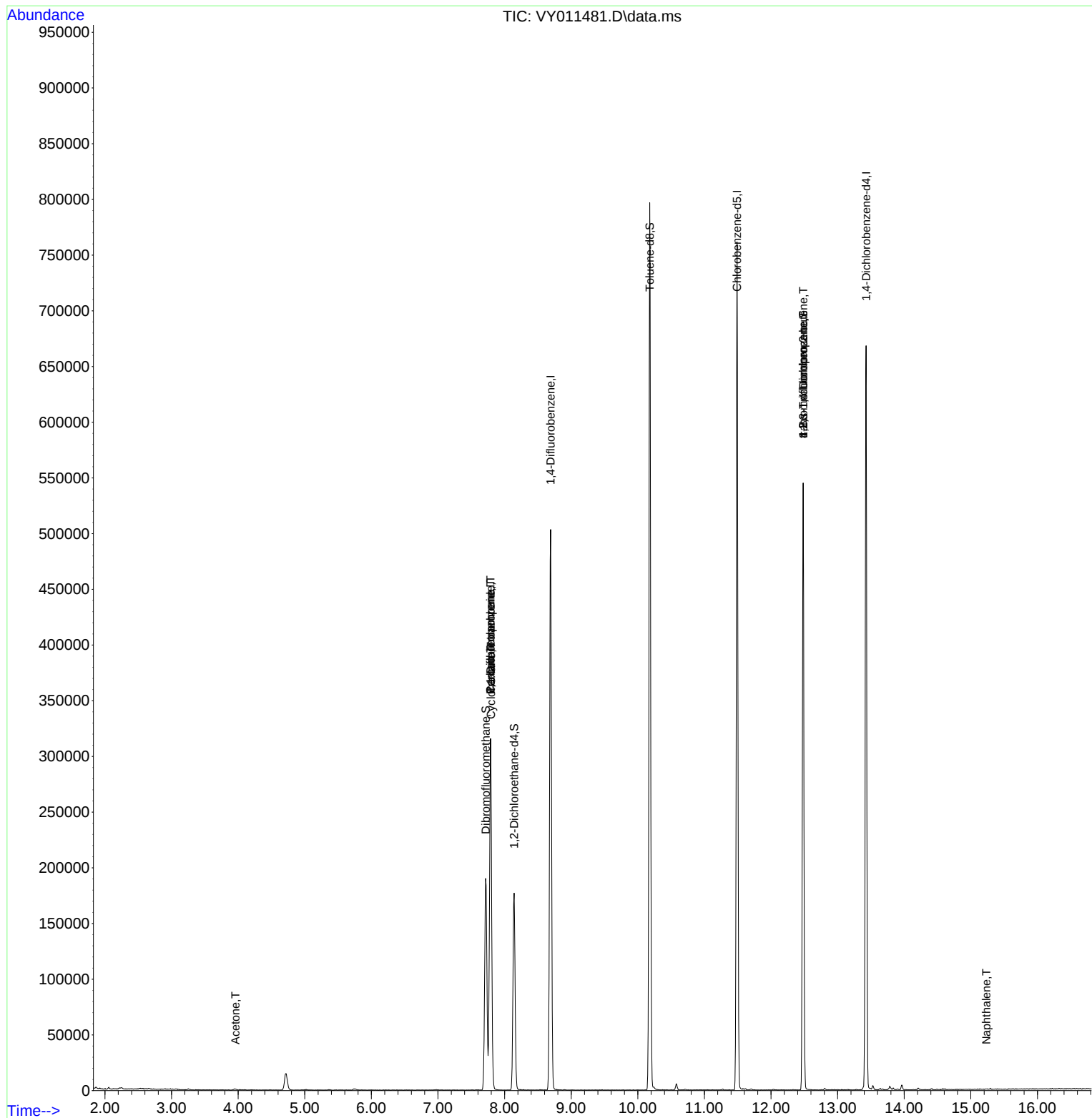
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	260	Below Cal	#	77
16) Acetone	3.960	43	1697	3.042	ug/l #	80
18) Methyl Acetate	4.497	43	272	Below Cal	#	56
20) Methylene Chloride	4.716	84	12912	Below Cal	#	71
31) Cyclohexane	7.795	56	3914	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16614	4.115	ug/l #	52
38) Carbon Tetrachloride	7.789	117	23547	5.361	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	81417	37.979	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81417	91.289	ug/l #	7
95) Naphthalene	15.232	128	214	3.304	ug/l #	69

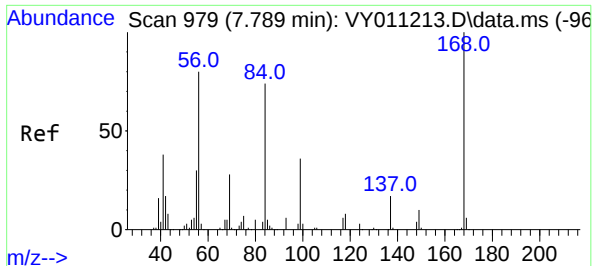
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
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ClientSampleId :

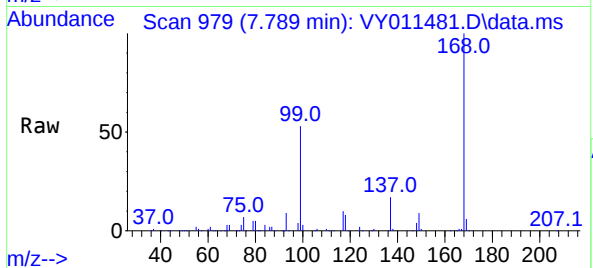
Quant Time: Nov 17 03:17:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration



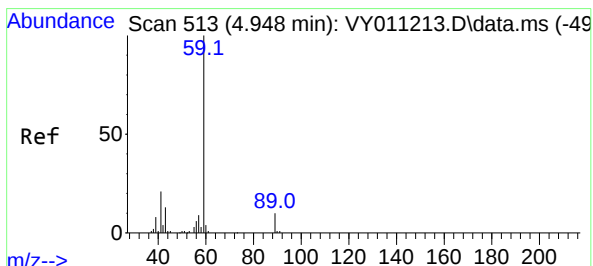
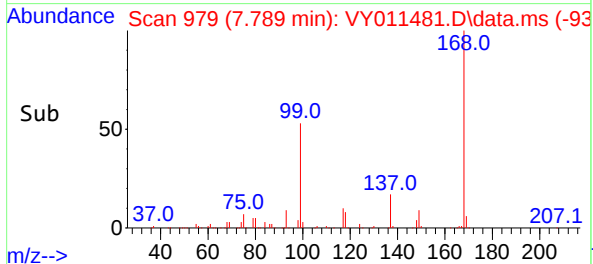
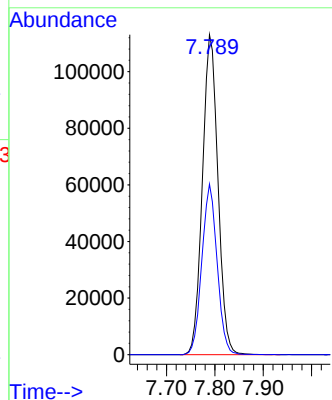


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :

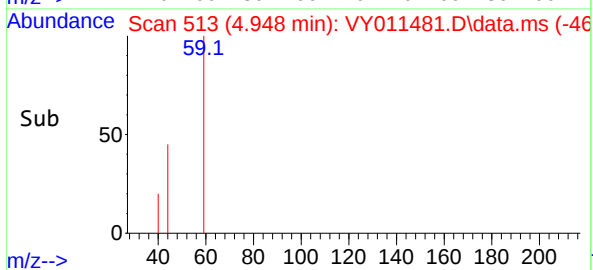
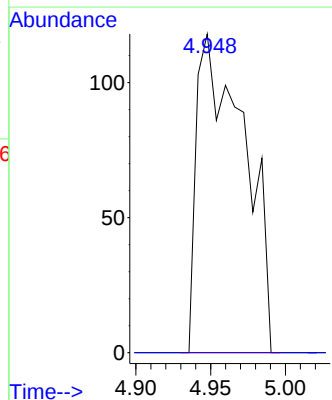
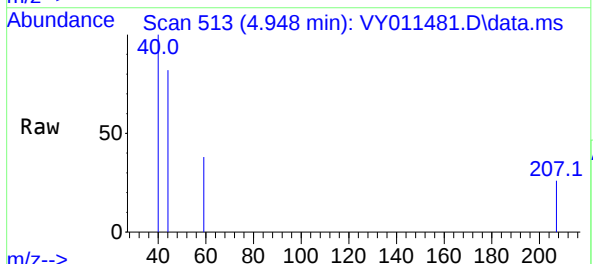


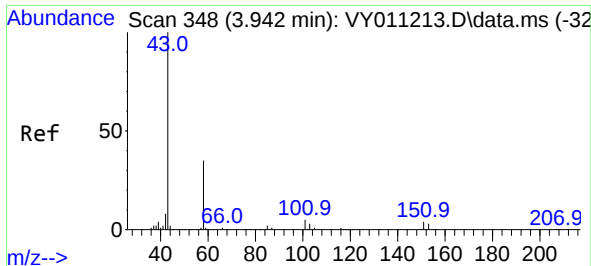
Tgt Ion:168 Resp: 252304
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

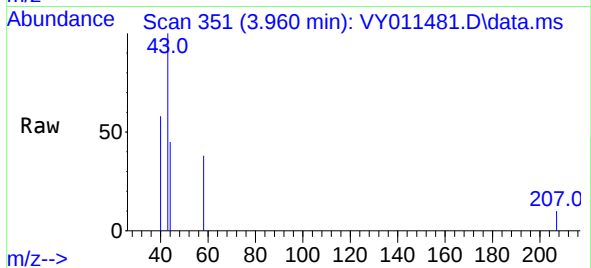
Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



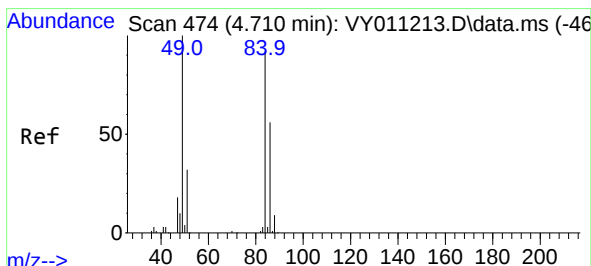
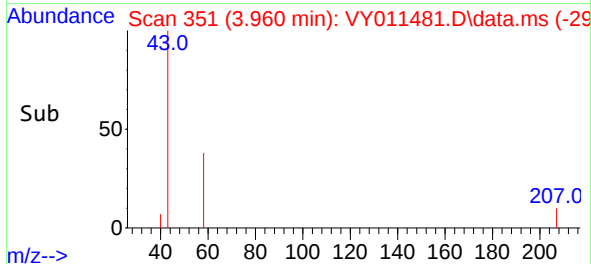
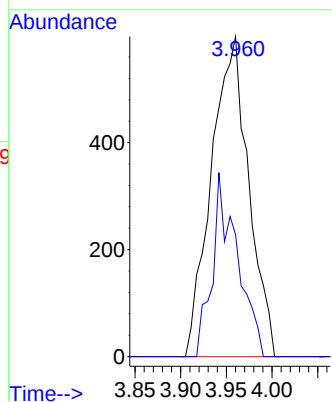


#16
Acetone
Concen: 3.042 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :

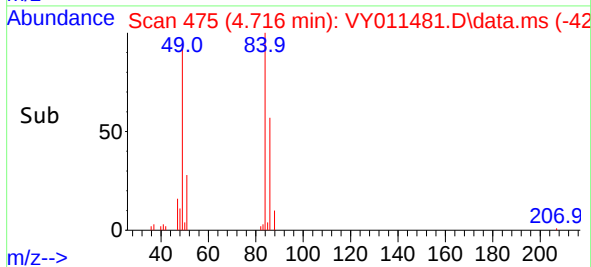
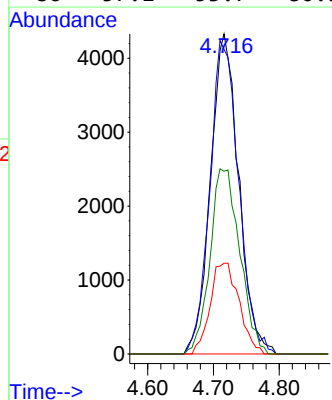
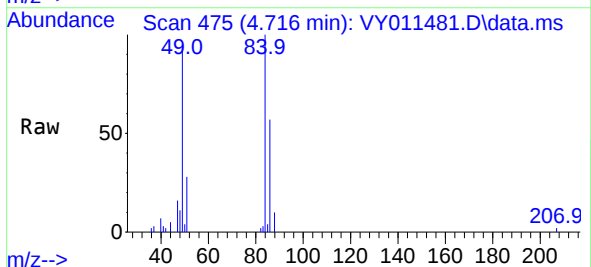


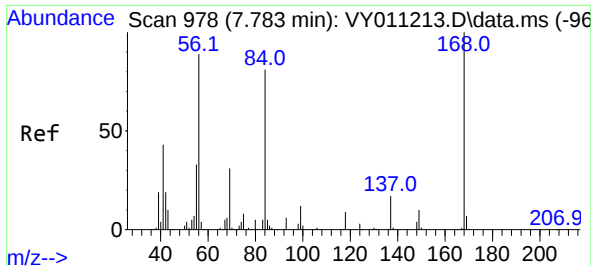
Tgt Ion: 43 Resp: 1697
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

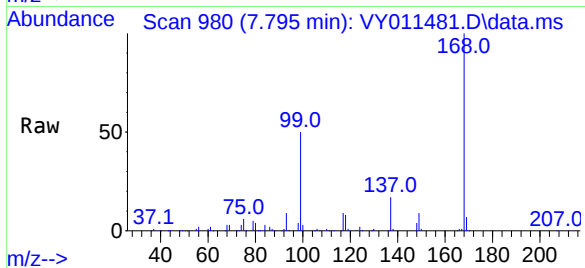
Tgt Ion: 84 Resp: 12912
Ion Ratio Lower Upper
84 100
49 95.2 114.4 171.6#
51 28.4 35.3 52.9#
86 57.1 53.7 80.5



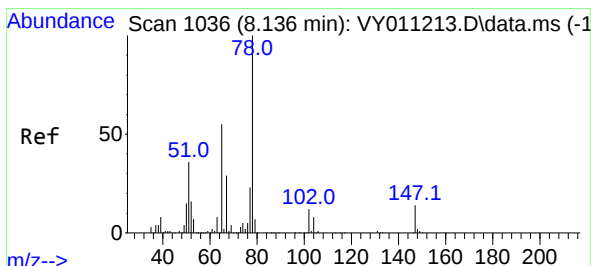
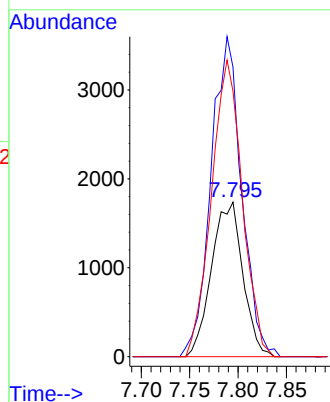
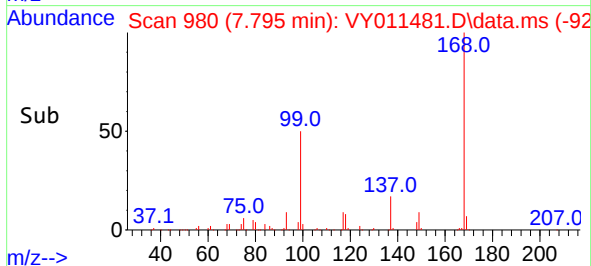


#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

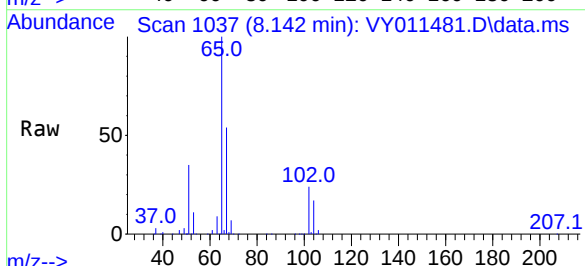
Instrument :
MSVOA_Y
ClientSampleId :



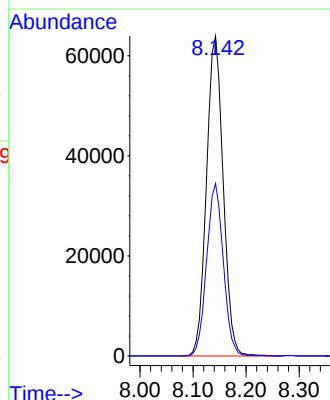
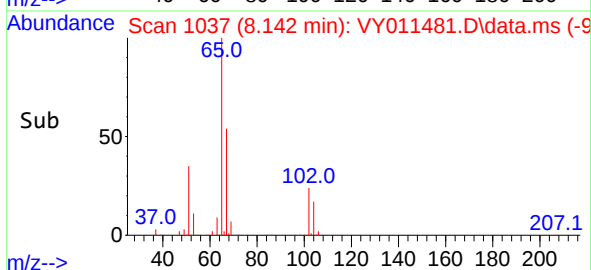
Tgt Ion: 56 Resp: 3914
Ion Ratio Lower Upper
56 100
69 187.2 26.7 40.1#
84 171.7 67.2 100.8#

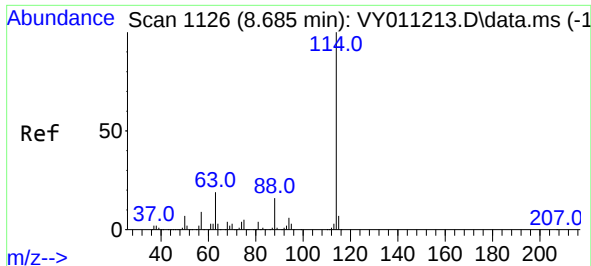


#33
1,2-Dichloroethane-d4
Concen: 66.244 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13



Tgt Ion: 65 Resp: 140056
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011481.D

Acq: 16 Nov 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

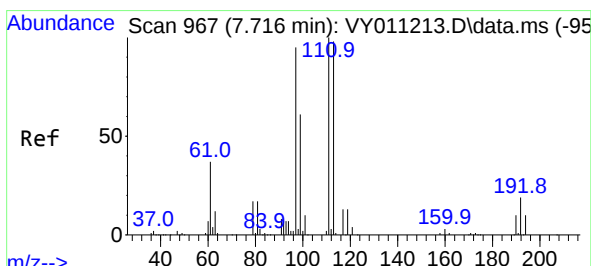
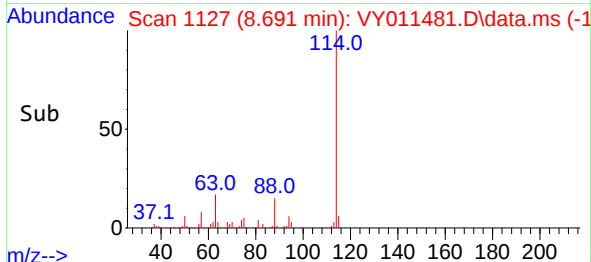
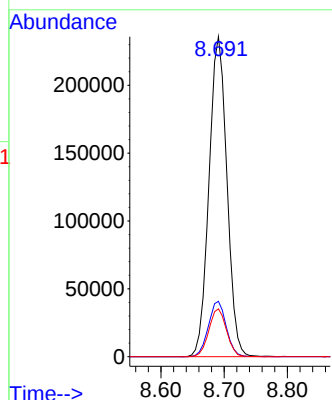
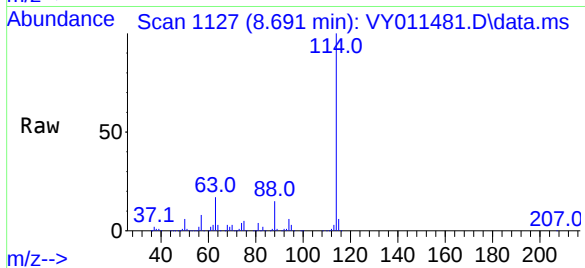
Tgt Ion:114 Resp: 464227

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.165 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY011481.D

Acq: 16 Nov 2022 18:13

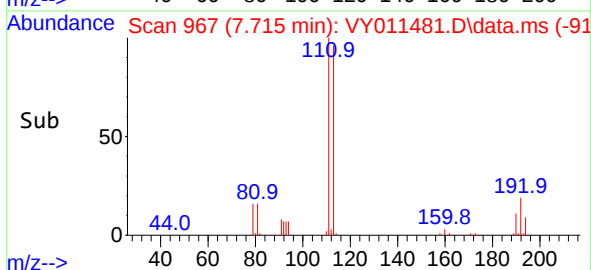
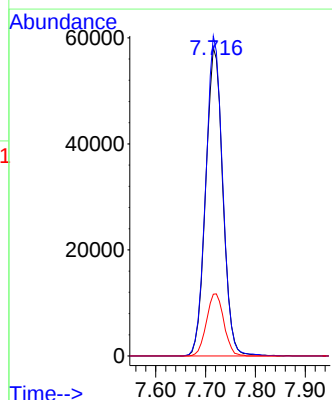
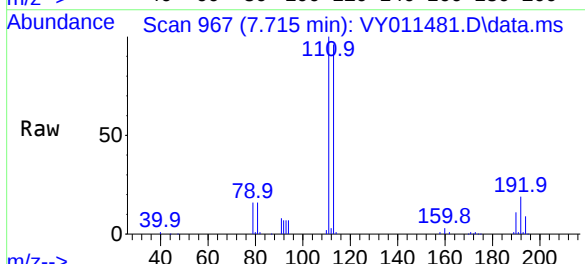
Tgt Ion:113 Resp: 138316

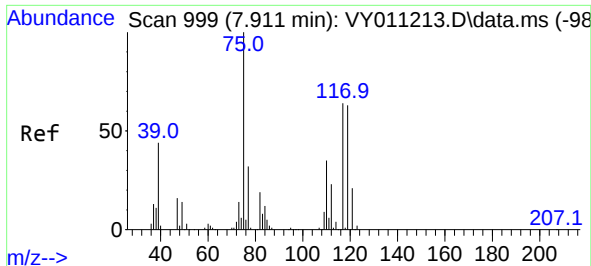
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.5 17.6 26.4

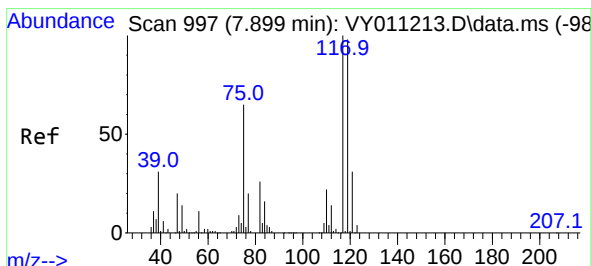
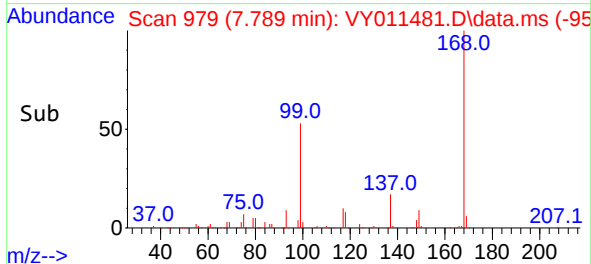
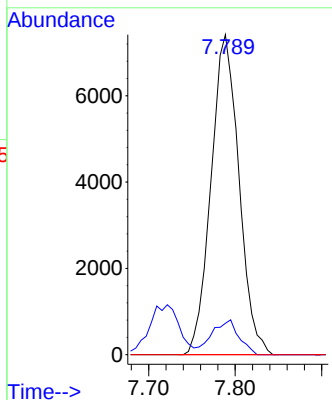
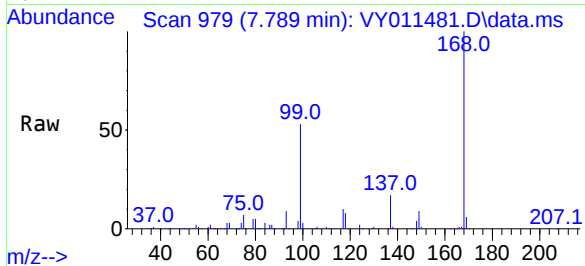




#36
1,1-Dichloropropene
Concen: 4.115 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

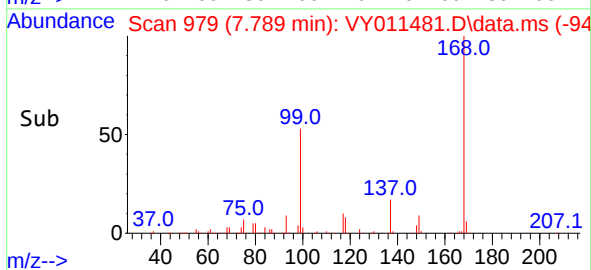
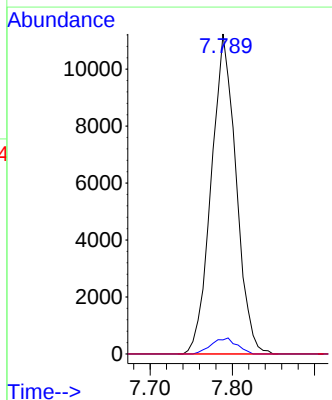
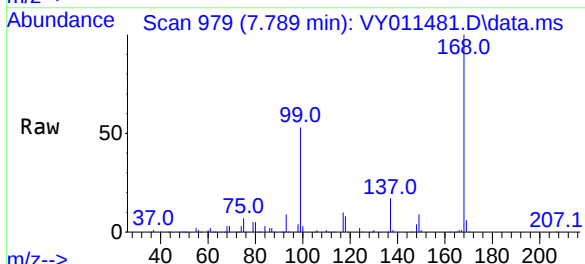
Instrument :
MSVOA_Y
ClientSampleId :

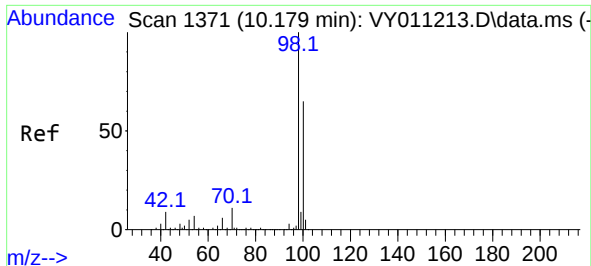
Tgt Ion: 75 Resp: 16614
Ion Ratio Lower Upper
75 100
110 10.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.361 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Tgt Ion: 117 Resp: 23547
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#

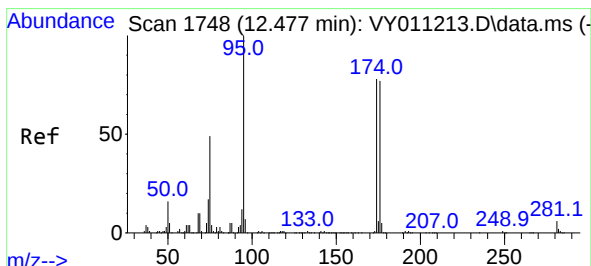
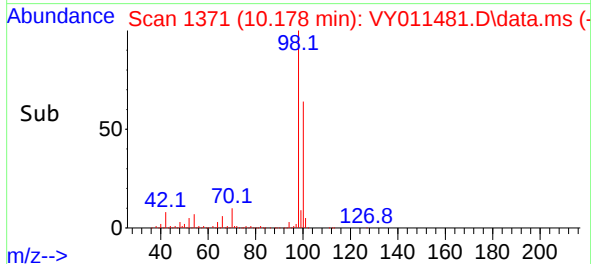
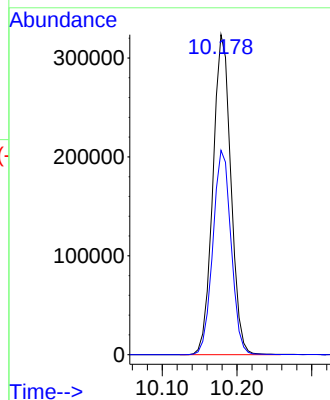
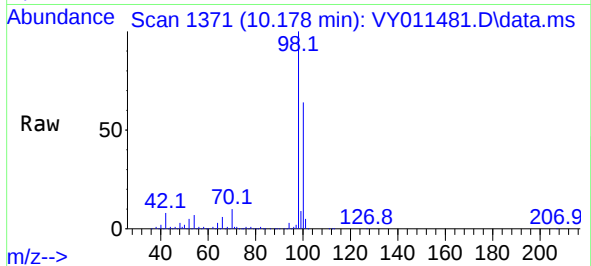




#50
Toluene-d8
Concen: 54.427 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

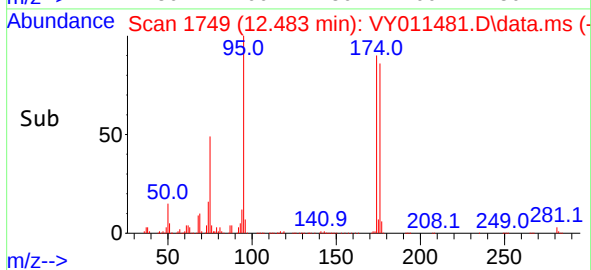
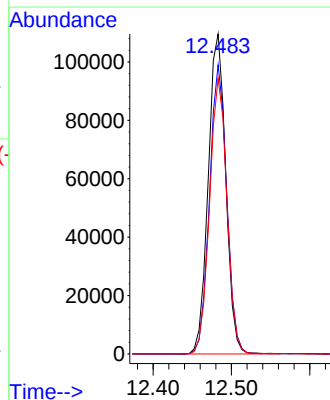
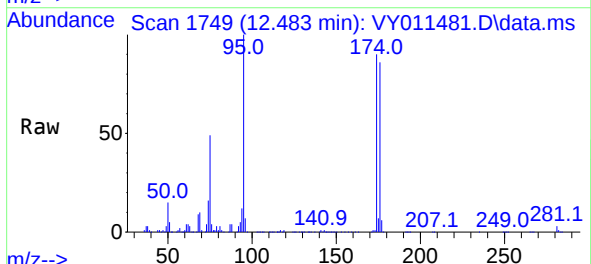
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ClientSampleId :

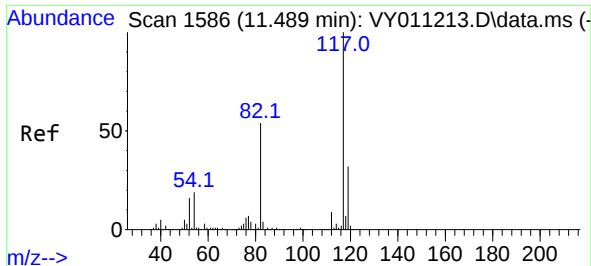
Tgt Ion: 98 Resp: 540955
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

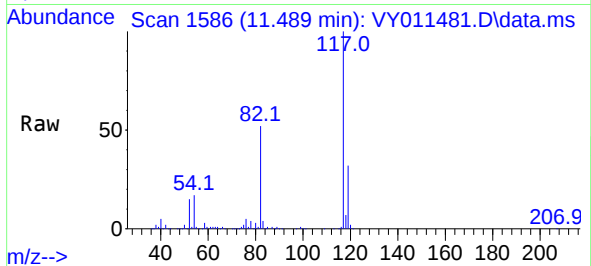
Tgt Ion: 95 Resp: 169552
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 85.6 0.0 175.8



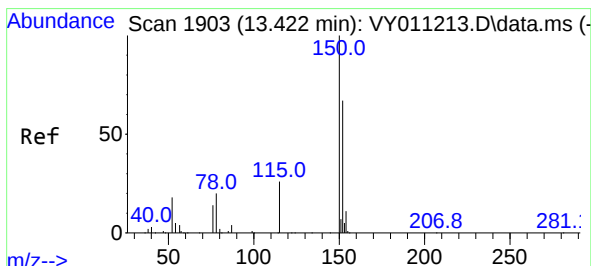
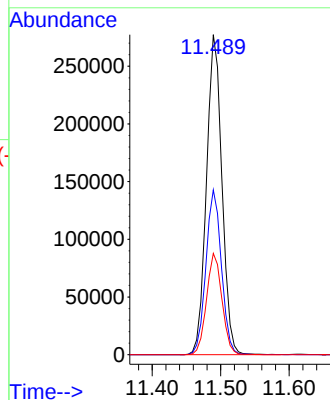
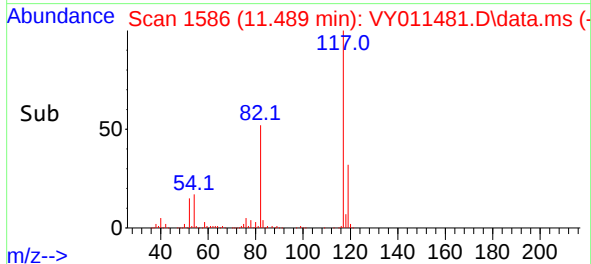


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

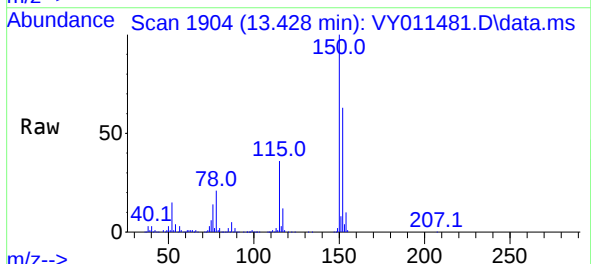
Instrument :
MSVOA_Y
ClientSampleId :



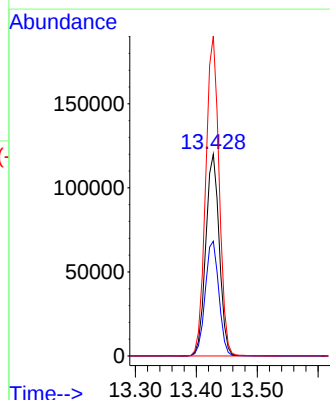
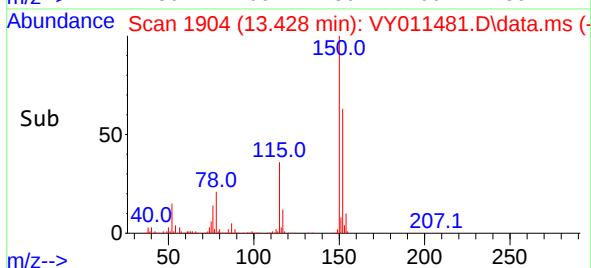
Tgt Ion:117 Resp: 435547
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.6 25.4 38.0

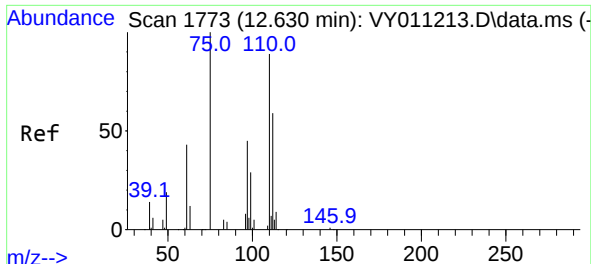


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13



Tgt Ion:152 Resp: 185201
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.6 0.0 347.6

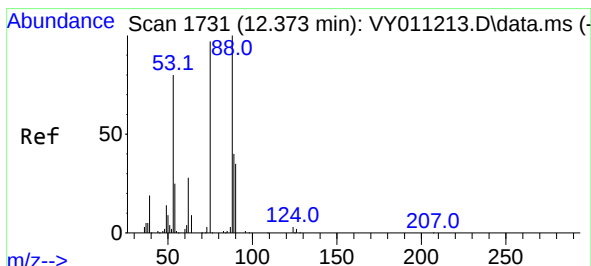
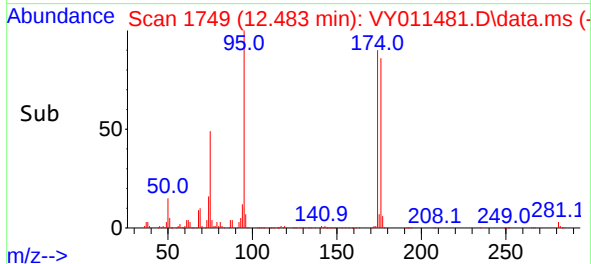
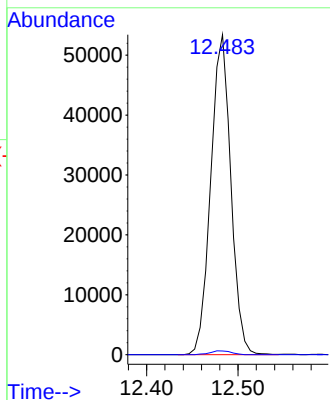
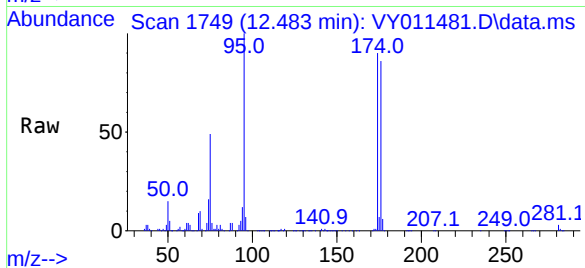




#76
1,2,3-Trichloropropane
Concen: 37.979 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

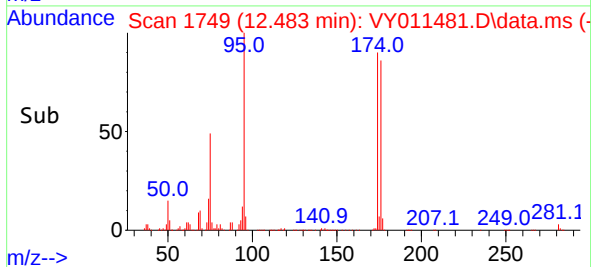
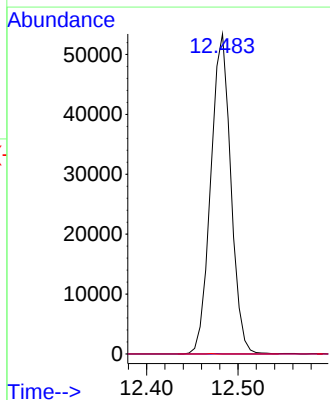
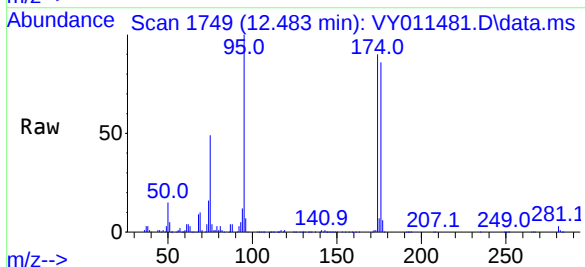
Instrument :
MSVOA_Y
ClientSampleId :

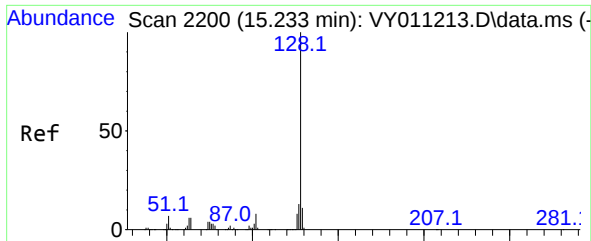
Tgt Ion: 75 Resp: 81417
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.289 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

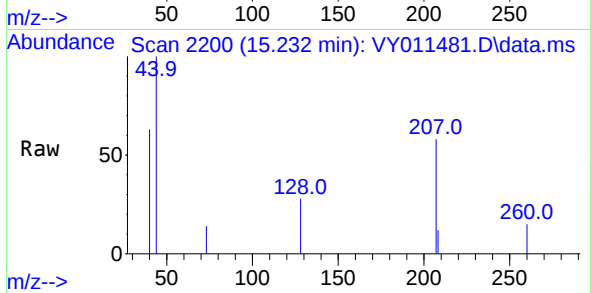
Tgt Ion: 75 Resp: 81417
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.304 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	214
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

