

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006461.D
 Acq On : 25 Oct 2021 13:06
 Operator : SY/MD
 Sample : M4313-03
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:43:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

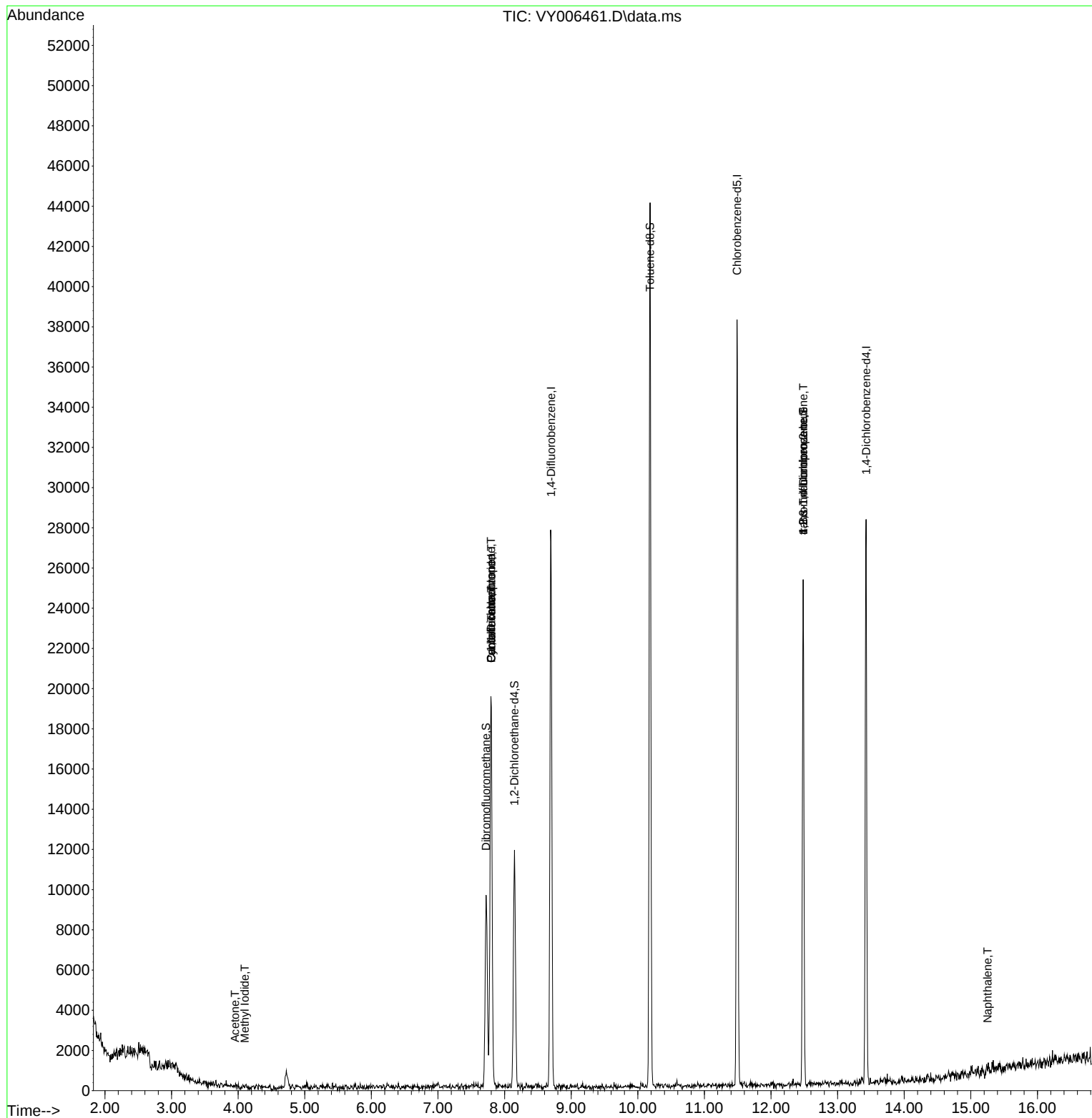
Internal Standards							
1) Pentafluorobenzene		7.801	168	15119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.697	114	22650	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	19268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	7185	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.149	65	9689	52.078	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 104.160%		
35) Dibromofluoromethane		7.722	113	6498	51.472	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.940%		
50) Toluene-d8		10.185	98	27663	51.690	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 103.380%		
62) 4-Bromofluorobenzene		12.483	95	7183	39.844	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 79.680%		
Target Compounds							
10) Methyl Iodide		4.100	142	20	5.181	ug/l #	36
16) Acetone		3.954	43	129	2.408	ug/l #	46
20) Methylene Chloride		4.722	84	470	Below Cal	#	78
31) Cyclohexane		7.801	56	305	1.013	ug/l #	4
36) 1,1-Dichloropropene		7.795	75	1133	5.063	ug/l #	42
38) Carbon Tetrachloride		7.801	117	1510	6.116	ug/l #	12
76) 1,2,3-Trichloropropane		12.483	75	4174	56.375	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.483	75	4174	115.736	ug/l #	7
95) Naphthalene		15.251	128	278	1.032	ug/l #	68

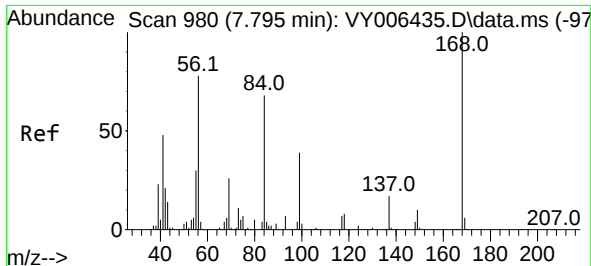
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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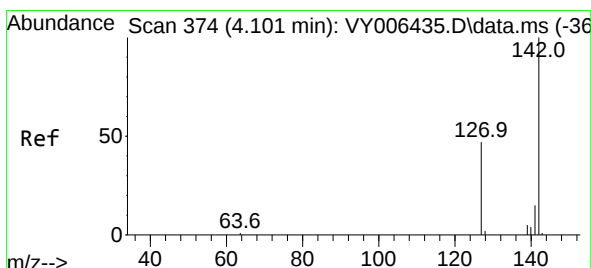
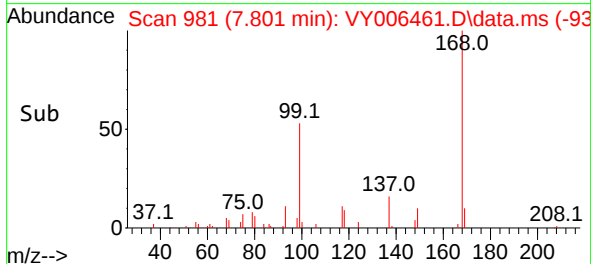
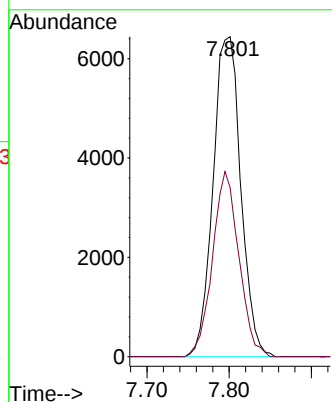
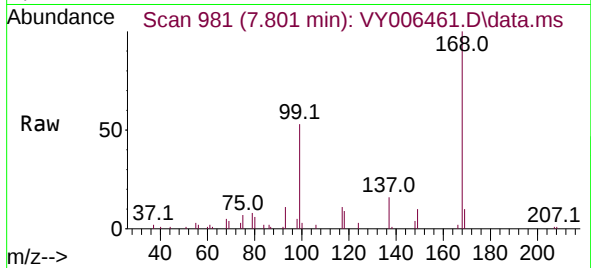




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

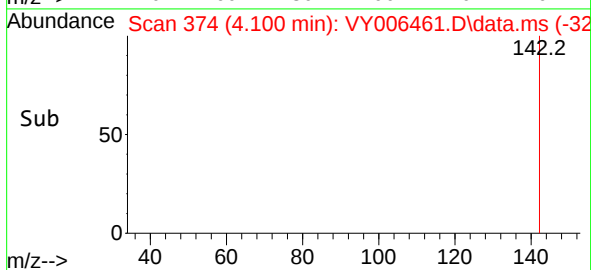
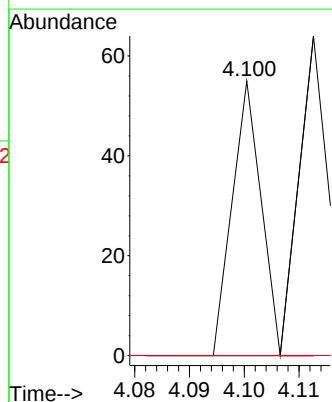
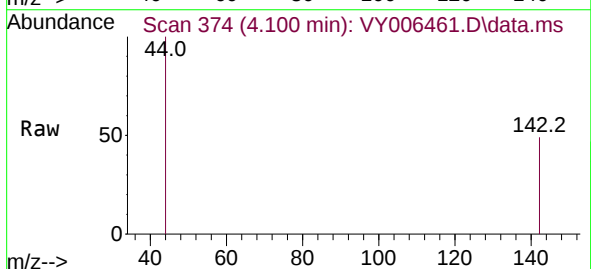
Instrument :
MSVOA_Y
ClientSampleId :

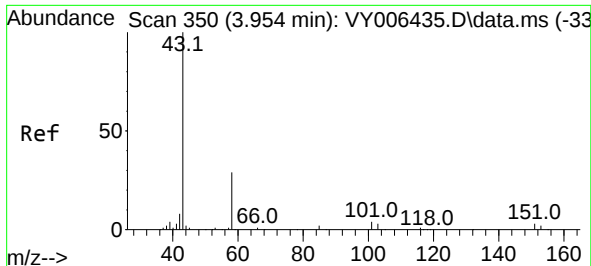
Tgt Ion:168 Resp: 15119
Ion Ratio Lower Upper
168 100
99 52.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.181 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

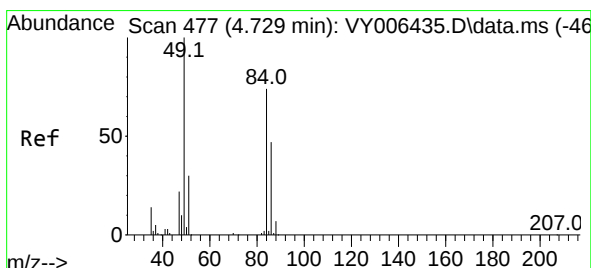
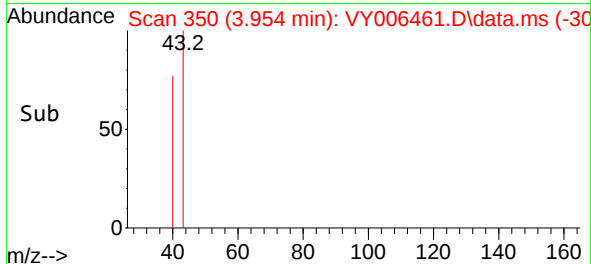
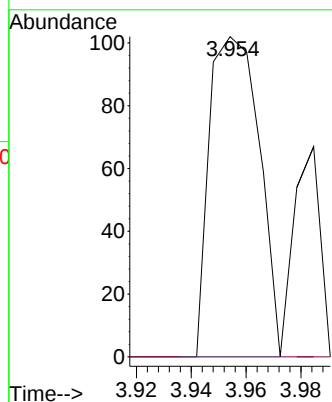
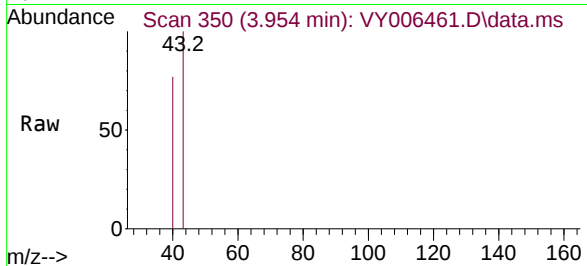




#16
Acetone
Concen: 2.408 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

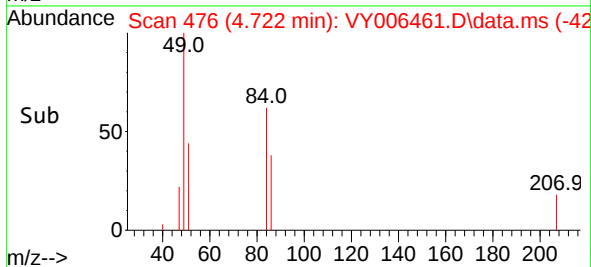
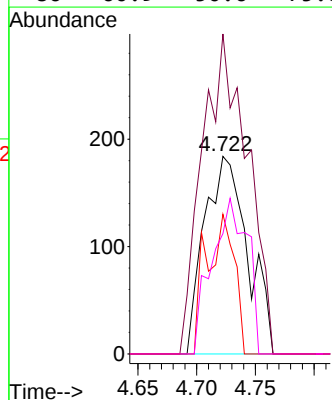
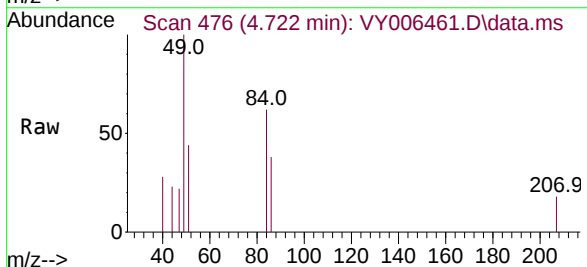
Instrument :
MSVOA_Y
ClientSampled :

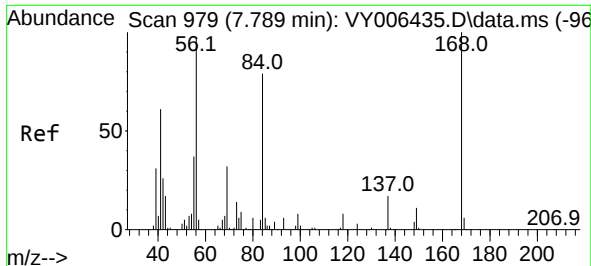
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

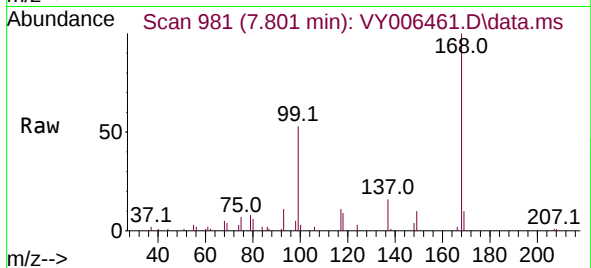
Tgt Ion: 84 Resp: 470
Ion Ratio Lower Upper
84 100
49 162.0 107.8 161.8#
51 70.7 32.8 49.2#
86 60.9 50.6 75.8



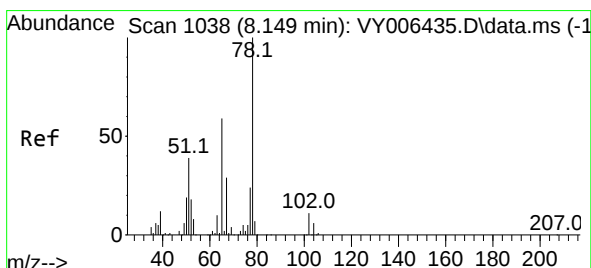
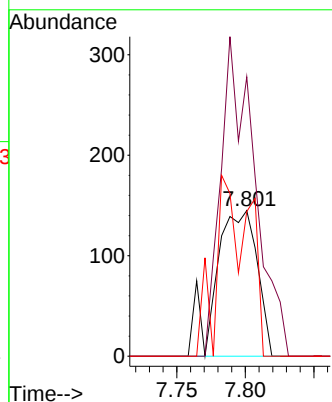
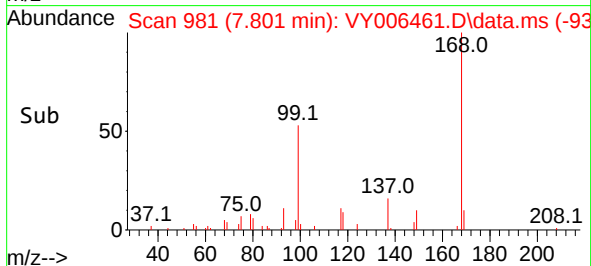


#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

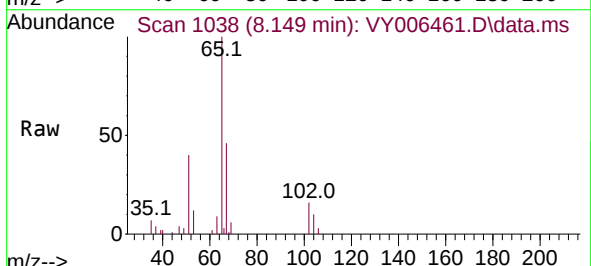
Instrument :
MSVOA_Y
ClientSampleId :



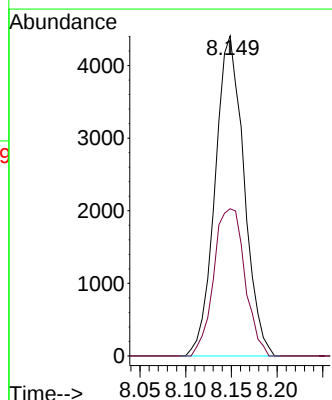
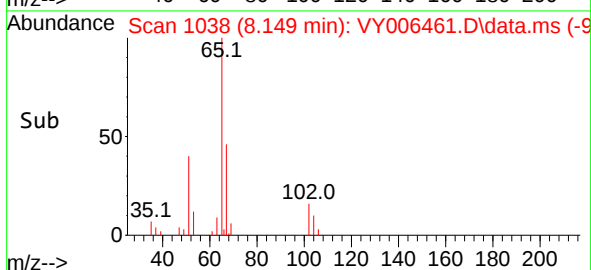
Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
69 191.7 26.6 40.0#
84 99.3 65.0 97.4#

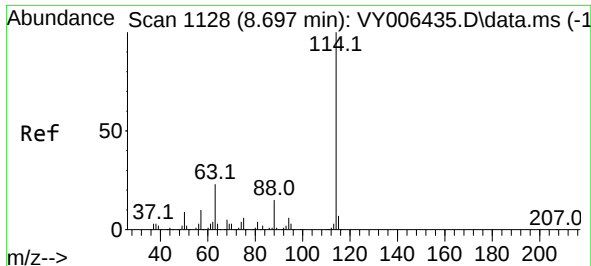


#33
1,2-Dichloroethane-d4
Concen: 52.078 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06



Tgt Ion: 65 Resp: 9689
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.2

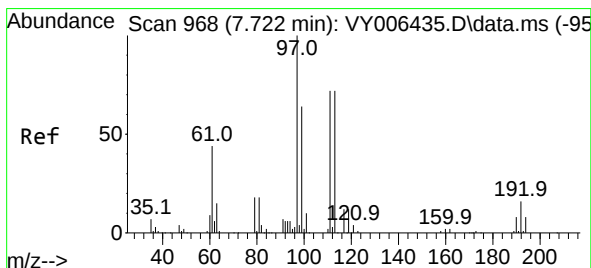
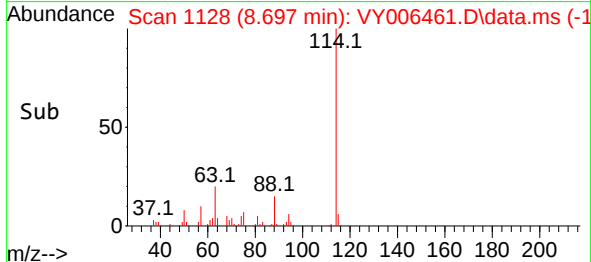
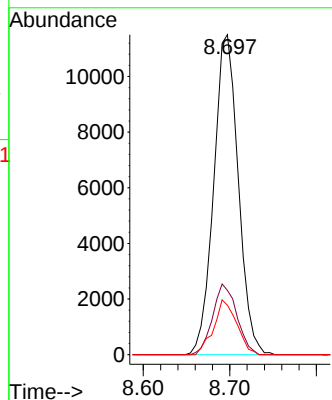
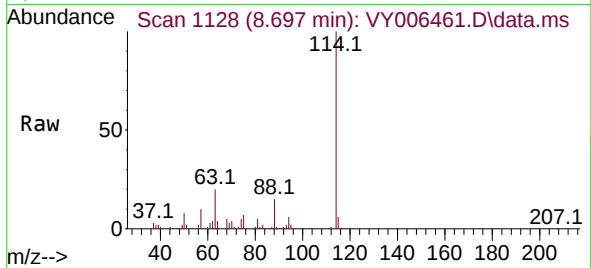




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

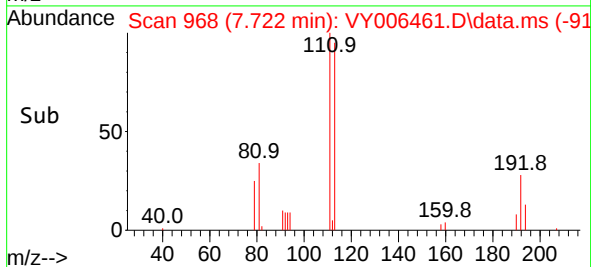
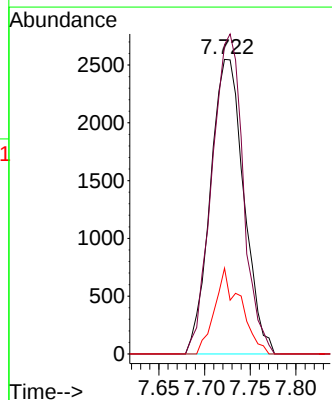
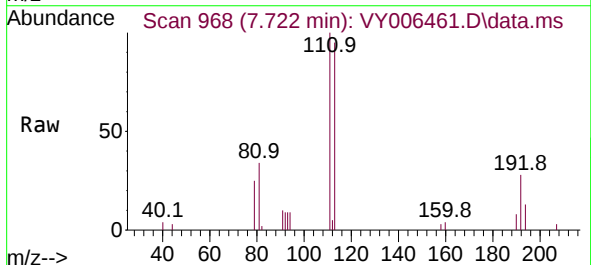
Instrument :
MSVOA_Y
ClientSampled :

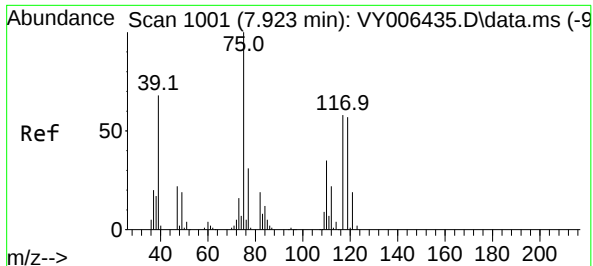
Tgt Ion:	114	Resp:	22650
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	45.0
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion:	113	Resp:	6498
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.3	123.5
192	22.7	17.4	26.2

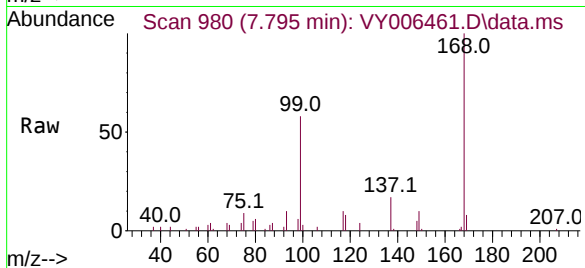




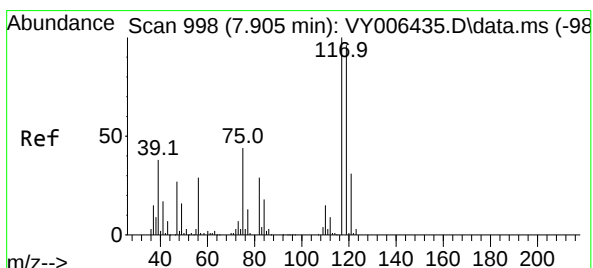
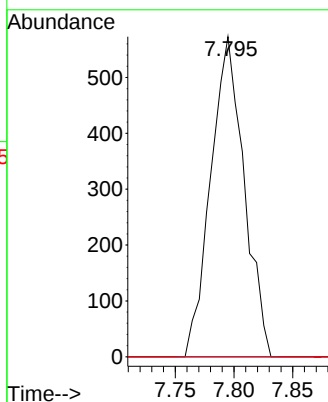
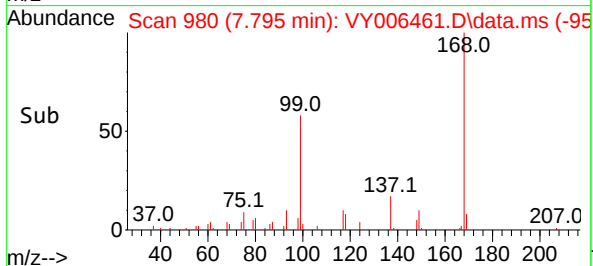
#36

1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :

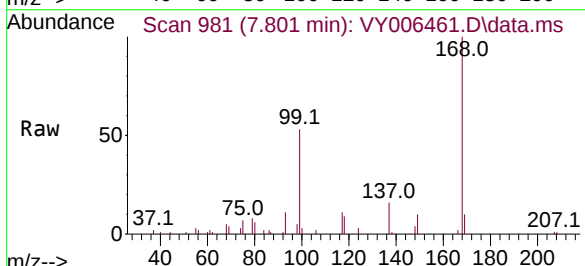


Tgt Ion: 75	Resp: 1133
Ion Ratio	Lower Upper
75 100	
110 0.0	17.1 51.3#
77 0.0	24.9 37.3#

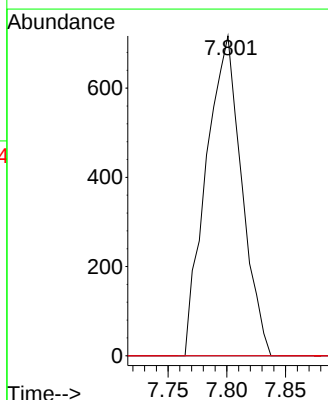
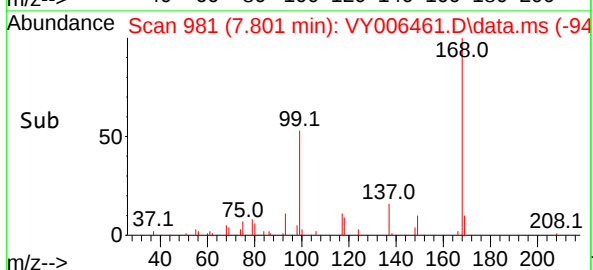


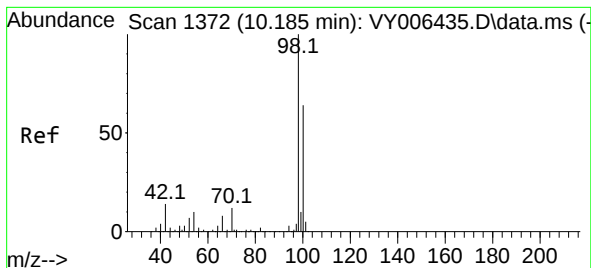
#38

Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06



Tgt Ion: 117	Resp: 1510
Ion Ratio	Lower Upper
117 100	
119 0.0	76.6 115.0#
121 0.0	24.7 37.1#

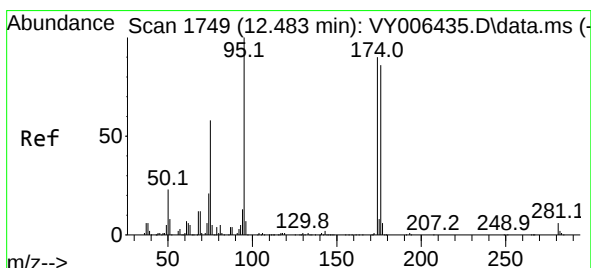
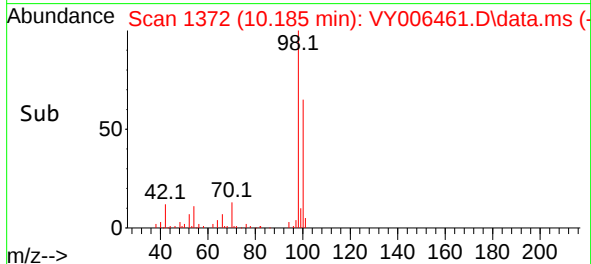
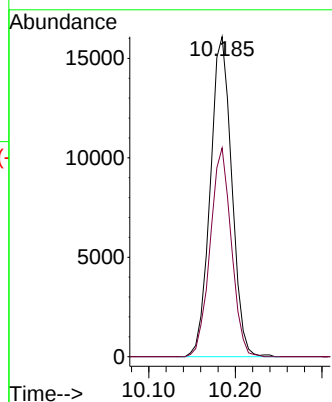
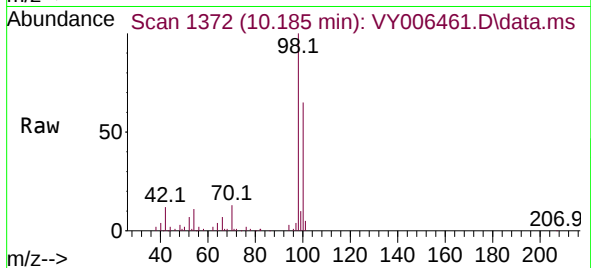




#50
Toluene-d8
Concen: 51.690 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

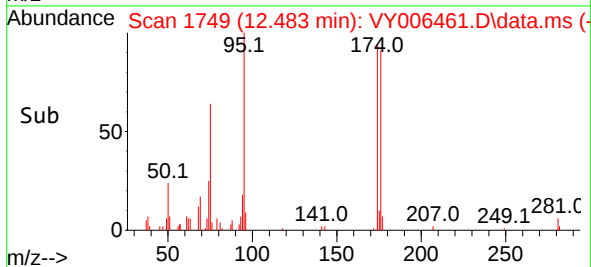
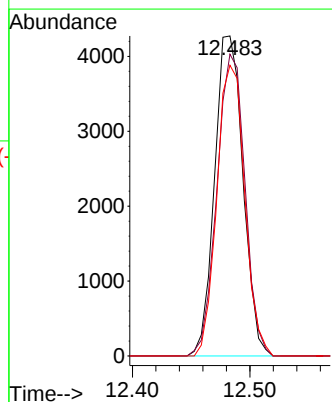
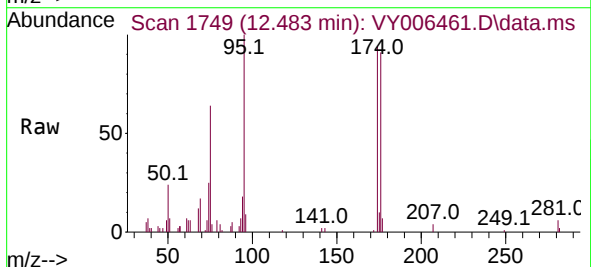
Instrument :
MSVOA_Y
ClientSampled :

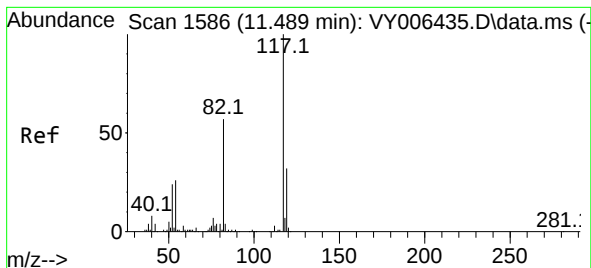
Tgt Ion: 98 Resp: 27663
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.844 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion: 95 Resp: 7183
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.0 0.0 169.4

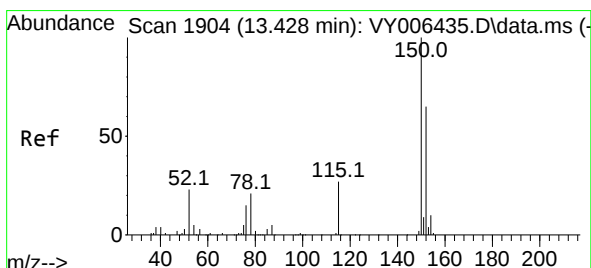
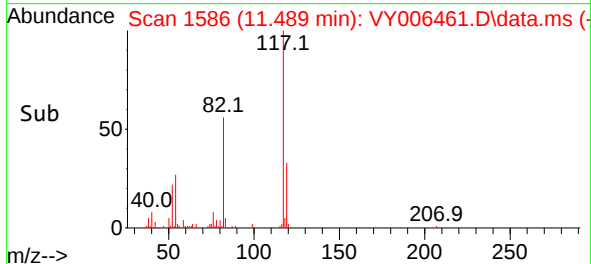
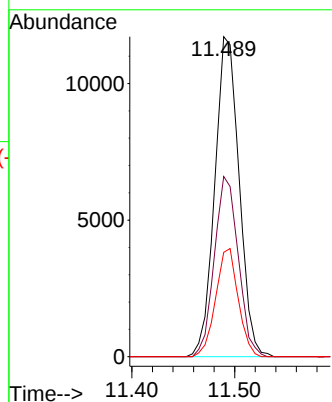
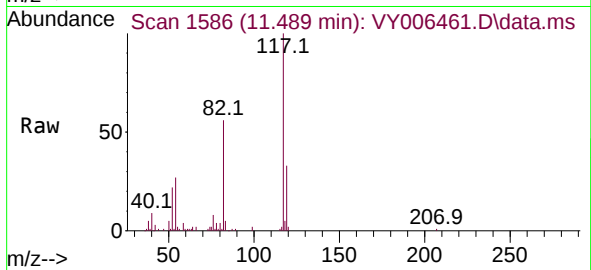




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

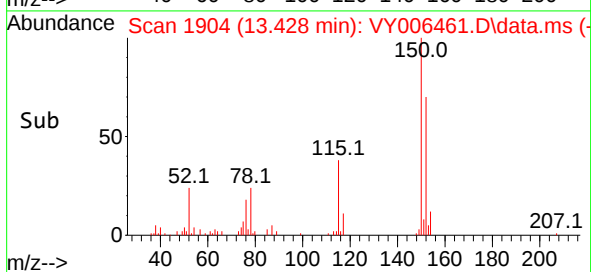
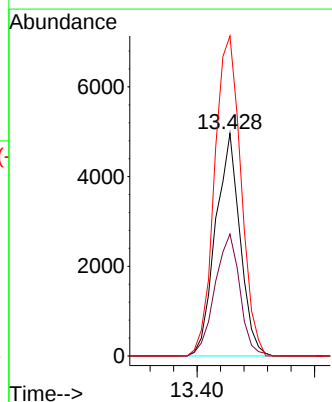
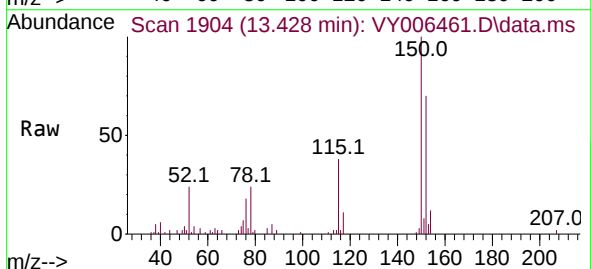
Instrument :
MSVOA_Y
ClientSampleId :

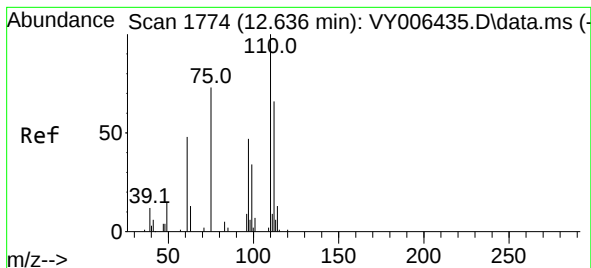
Tgt Ion:117 Resp: 19268
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion:152 Resp: 7185
Ion Ratio Lower Upper
152 100
115 55.9 28.5 85.5
150 154.8 0.0 348.2

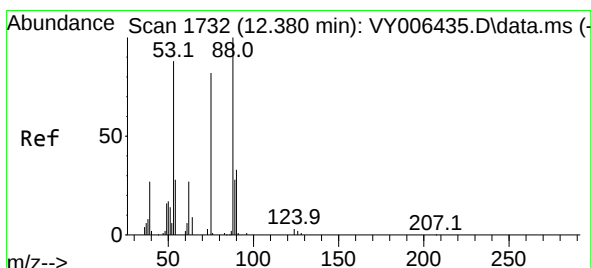
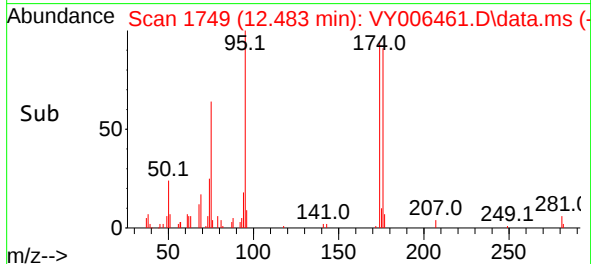
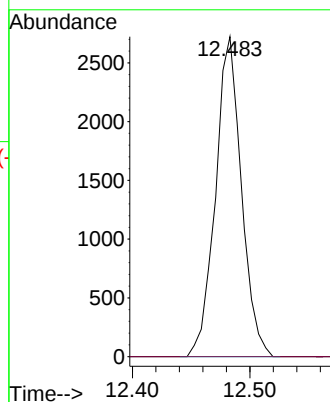
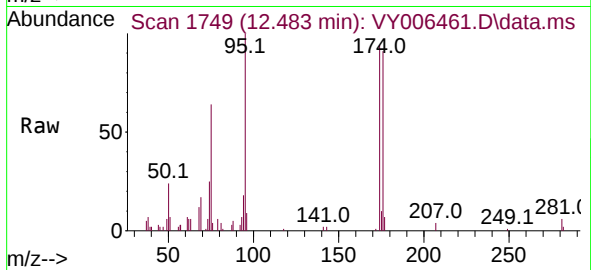




#76
1,2,3-Trichloropropane
Concen: 56.375 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

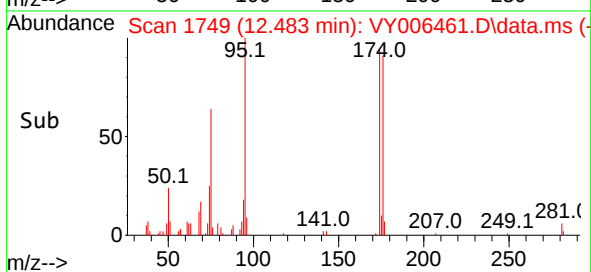
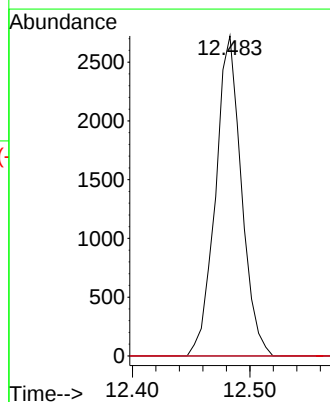
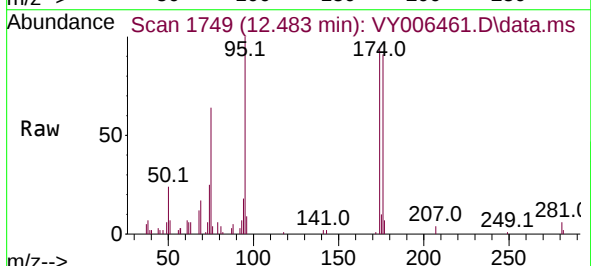
Instrument :
MSVOA_Y
ClientSampled :

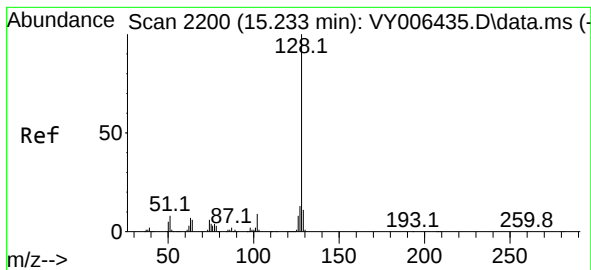
Tgt Ion: 75 Resp: 4174
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 115.736 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion: 75 Resp: 4174
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#





#95
Naphthalene
Concen: 1.032 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.018 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 278
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.9 13.3#

