

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005652.D
 Acq On : 13 Aug 2021 22:17
 Operator : SY/MD
 Sample : M3407-19
 Misc : 6.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 28N

Quant Time: Aug 14 03:40:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	188389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113637	59.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.180%
35) Dibromofluoromethane	7.722	113	94099	53.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.960%
50) Toluene-d8	10.185	98	379876	51.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.483	95	83547	34.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.020%

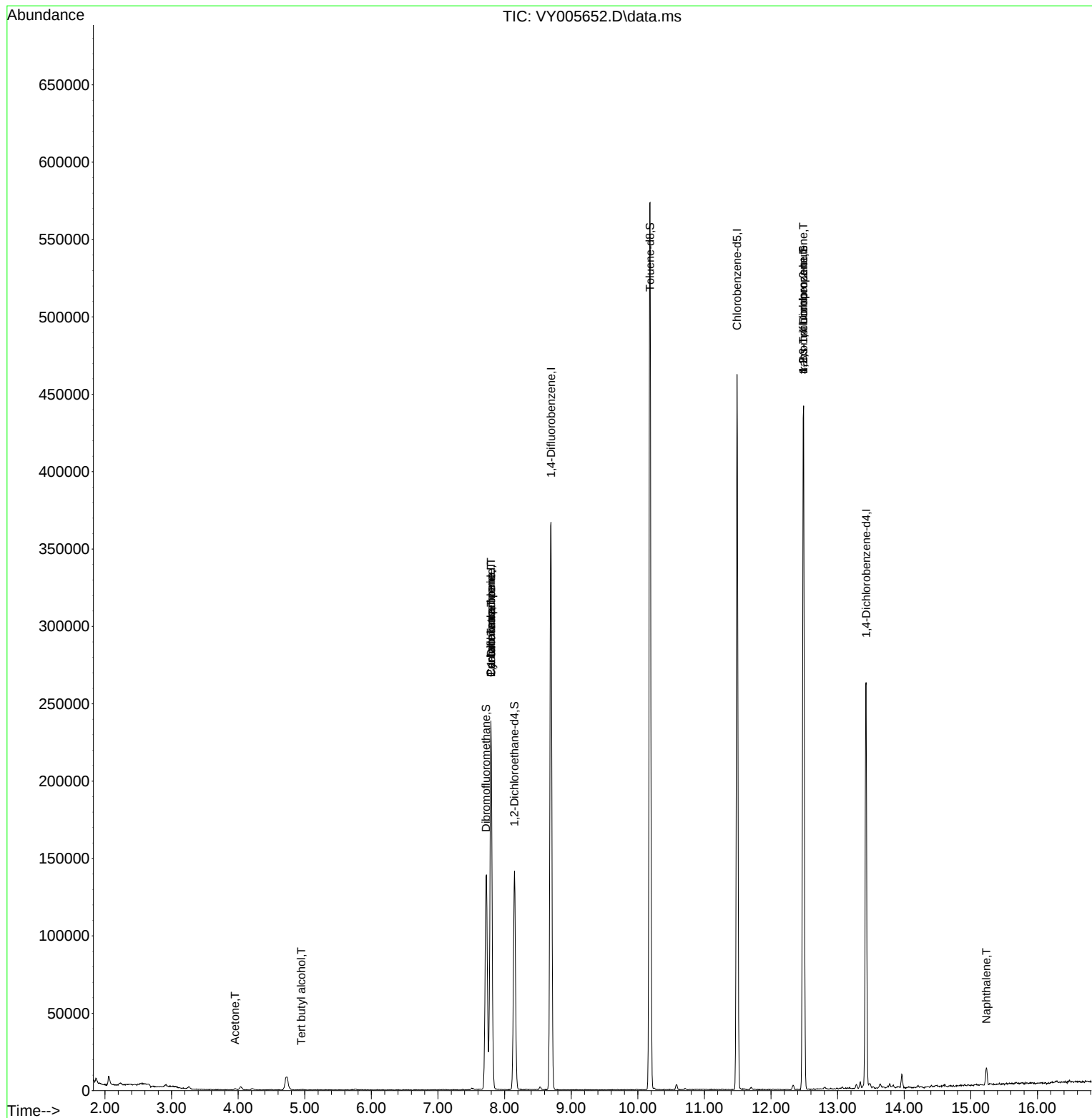
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	350	1.857	ug/l #	73
16) Acetone	3.954	43	1343	2.793	ug/l	100
20) Methylene Chloride	4.729	84	6456	Below Cal	#	89
31) Cyclohexane	7.795	56	3823	1.169	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	13444	4.604	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18024	5.679	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47195	65.922	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47195	132.891	ug/l #	11
95) Naphthalene	15.233	128	9232	3.339	ug/l	96

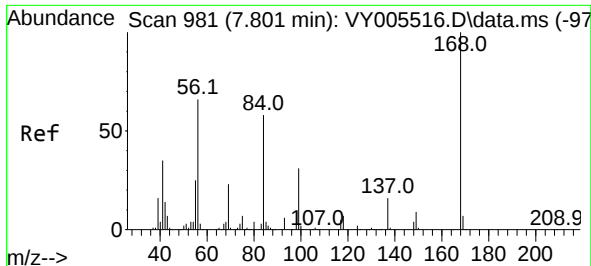
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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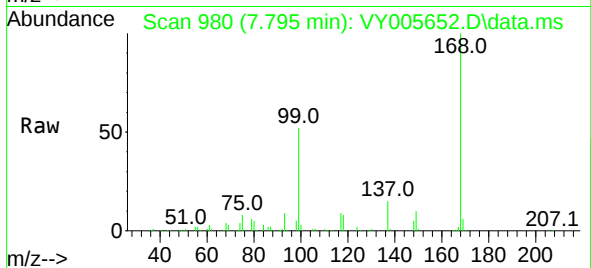
Quant Time: Aug 14 03:40:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
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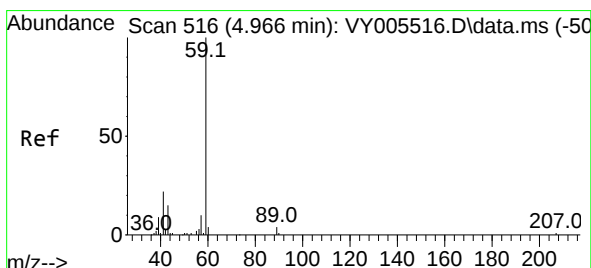
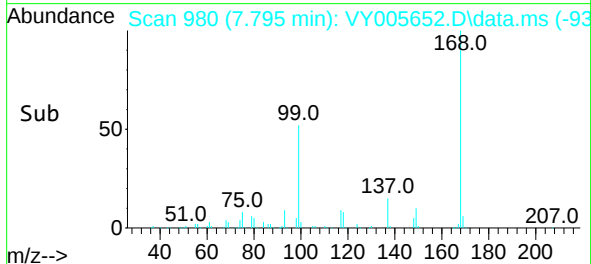
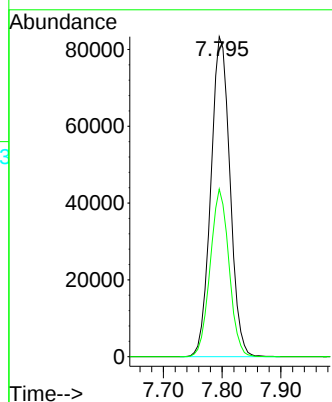


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Instrument :
MSVOA_Y
ClientSampled :
28N

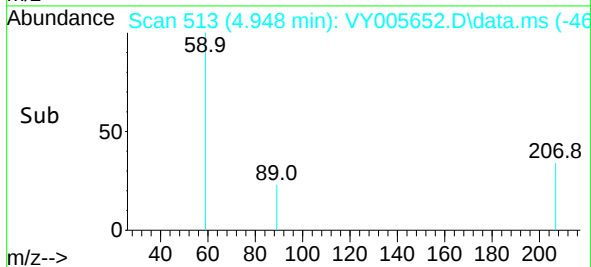
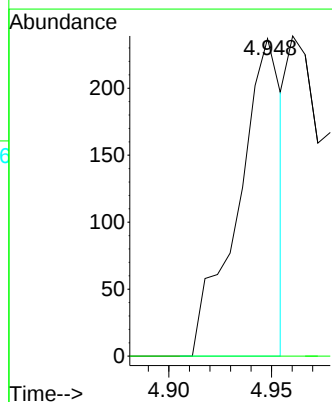
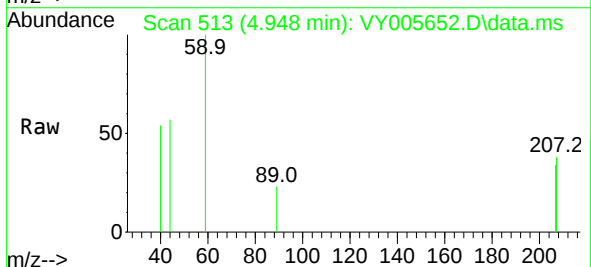


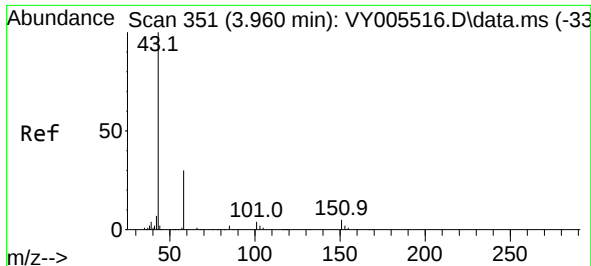
Tgt Ion:168 Resp: 188389
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.857 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

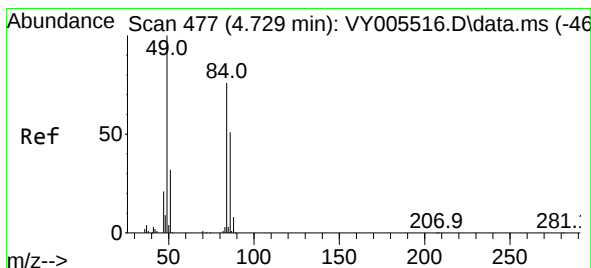
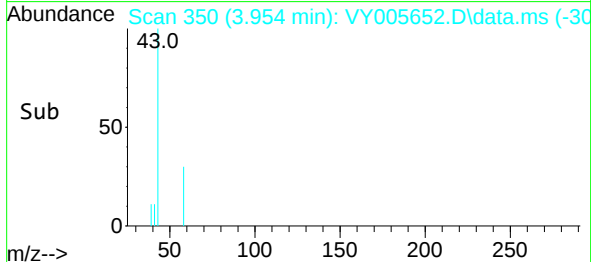
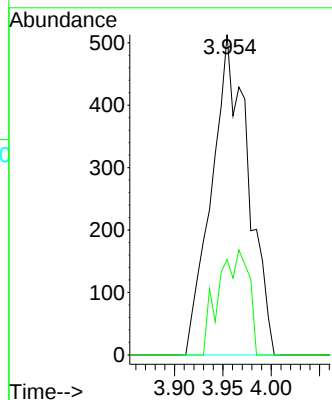
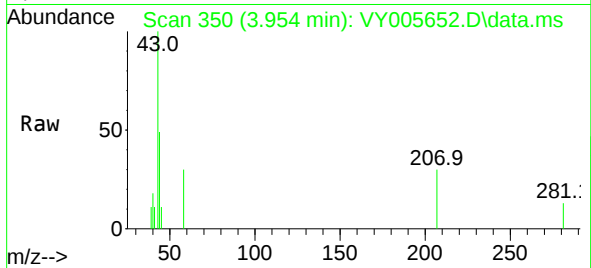




#16
Acetone
Concen: 2.793 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

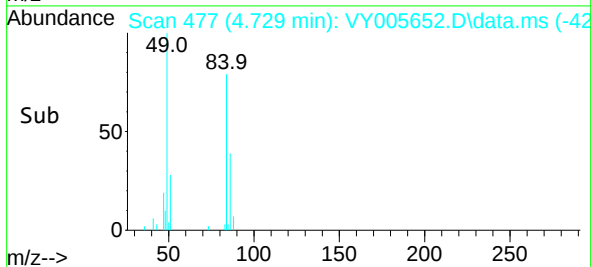
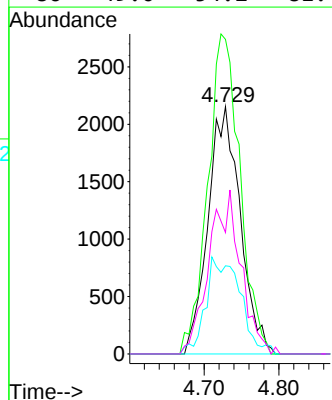
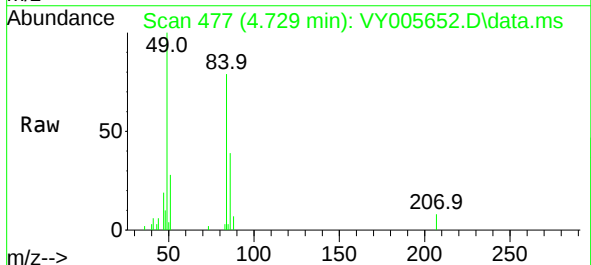
Instrument :
MSVOA_Y
ClientSampleId :
28N

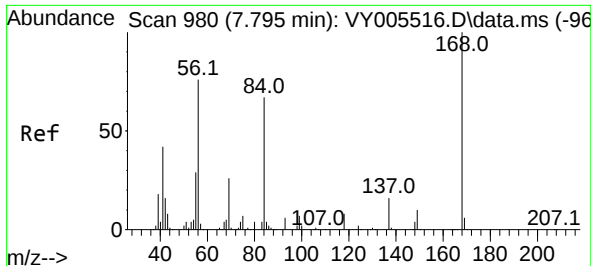
Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 84 Resp: 6456
Ion Ratio Lower Upper
84 100
49 127.1 105.8 158.6
51 35.6 33.4 50.2
86 49.0 54.2 81.4#

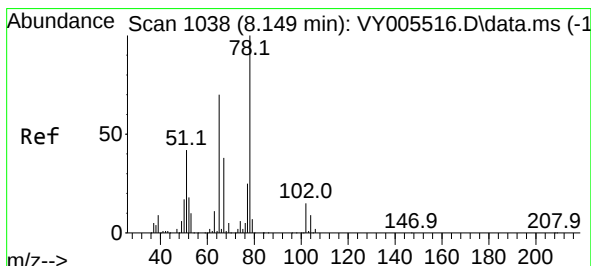
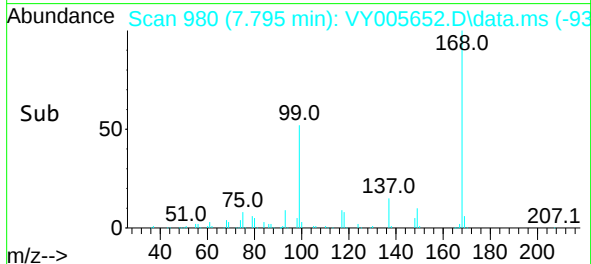
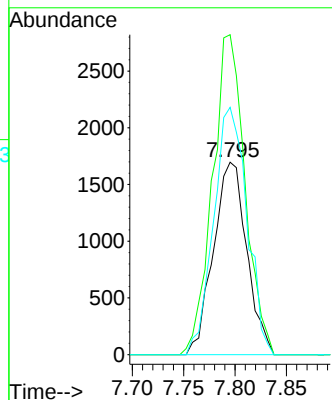
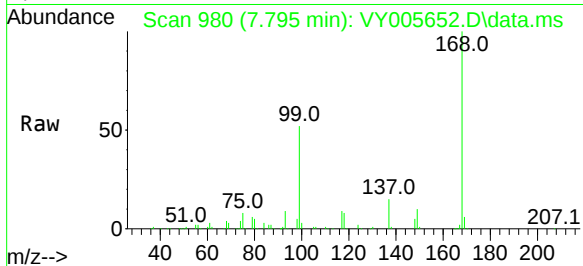




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

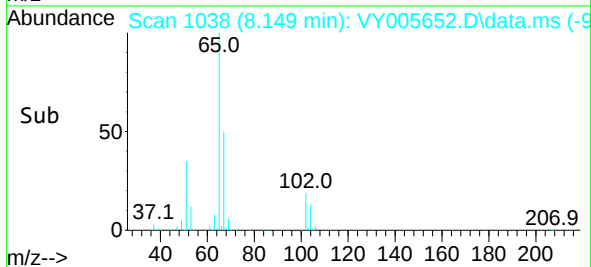
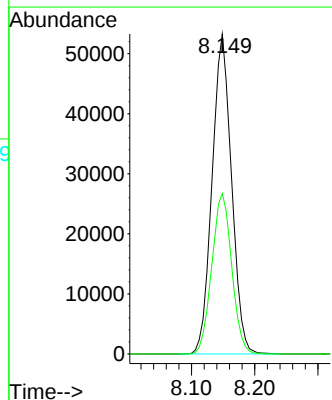
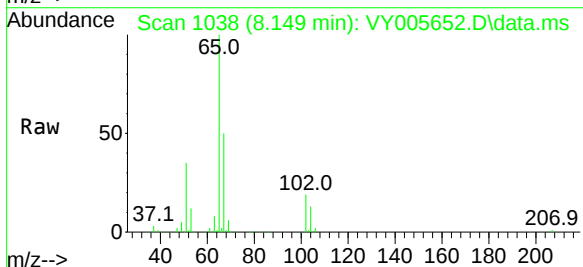
Instrument :
MSVOA_Y
ClientSampleId :
28N

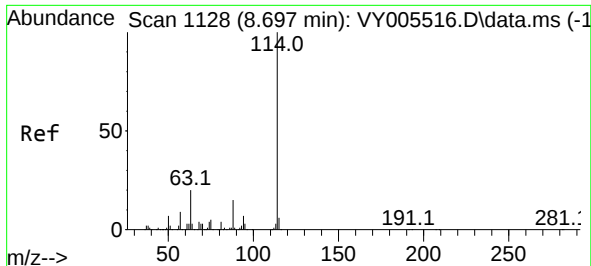
Tgt Ion: 56 Resp: 3823
Ion Ratio Lower Upper
56 100
69 166.2 27.7 41.5#
84 128.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 59.590 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 65 Resp: 113637
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

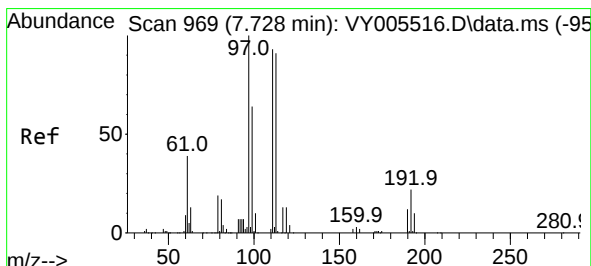
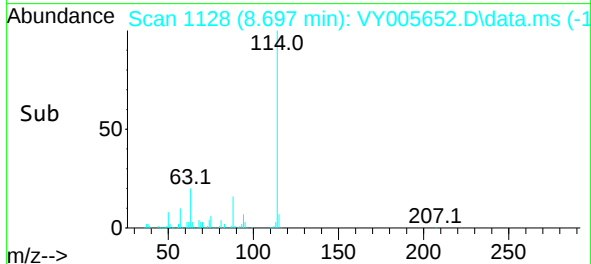
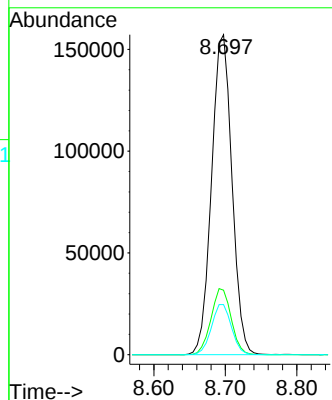
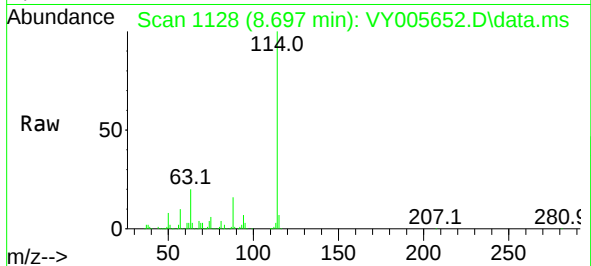




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

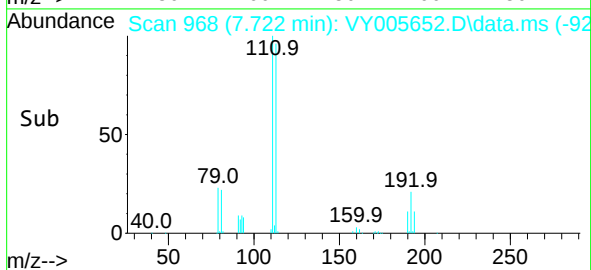
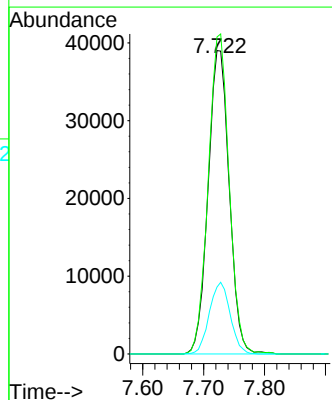
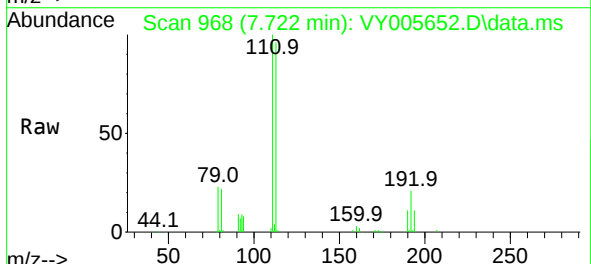
Instrument :
MSVOA_Y
ClientSampleId :
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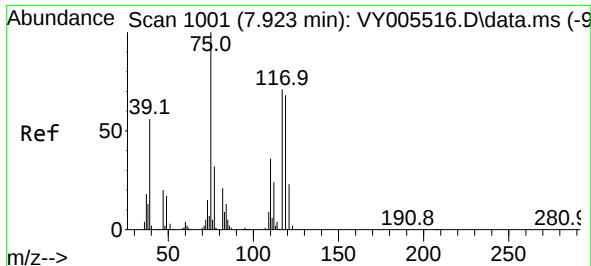
Tgt Ion:114 Resp: 311360
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.980 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion:113 Resp: 94099
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 23.3 19.2 28.8

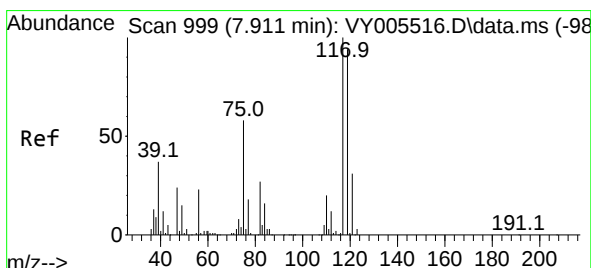
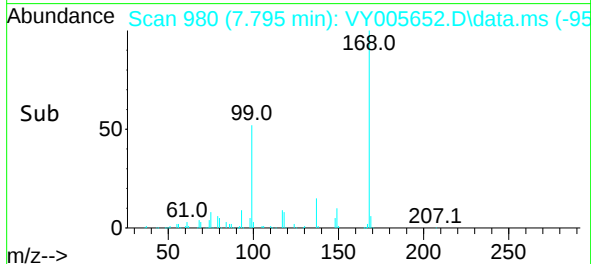
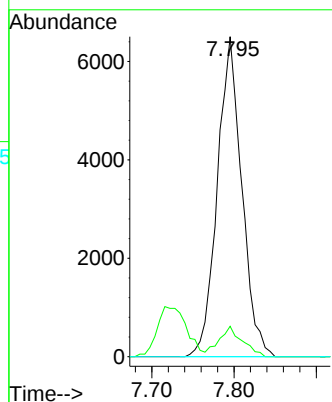
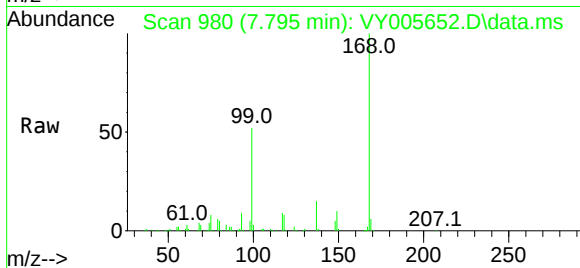




#36
 1,1-Dichloropropene
 Concen: 4.604 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005652.D
 Acq: 13 Aug 2021 22:17

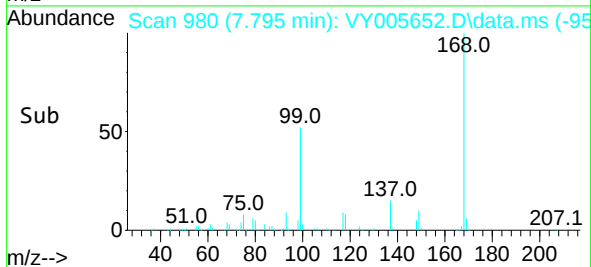
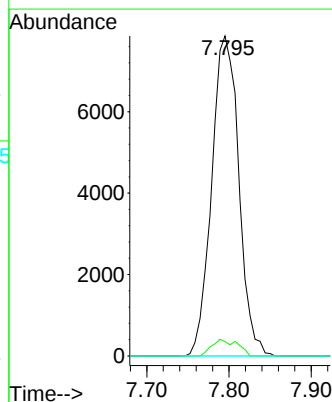
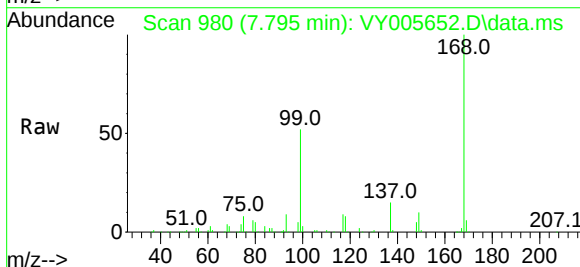
Instrument :
 MSVOA_Y
 ClientSampled :
 28N

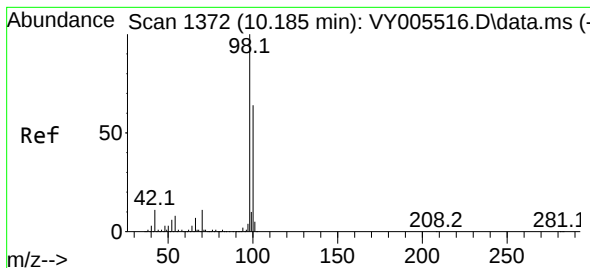
Tgt Ion:	75	Resp:	13444
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.679 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005652.D
 Acq: 13 Aug 2021 22:17

Tgt Ion:	117	Resp:	18024
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.4	113.0#
121	0.0	25.1	37.7#

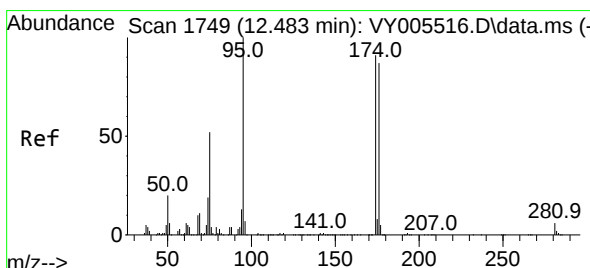
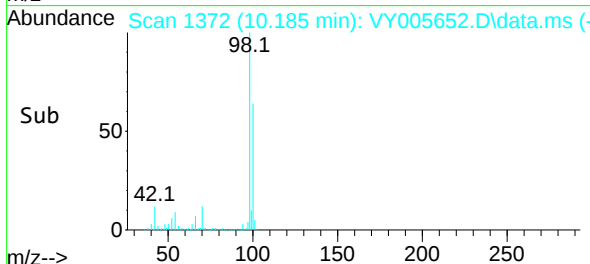
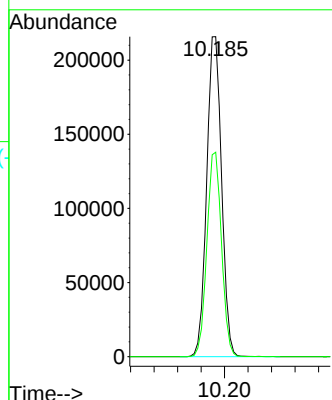
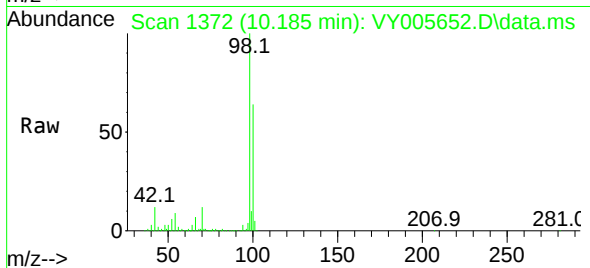




#50
Toluene-d8
Concen: 51.960 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

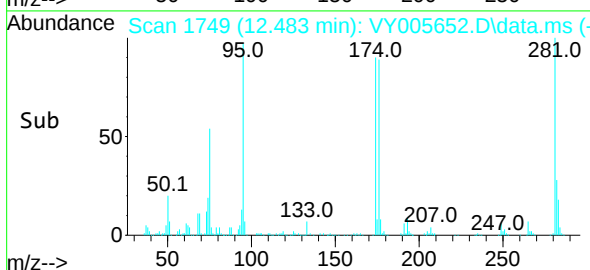
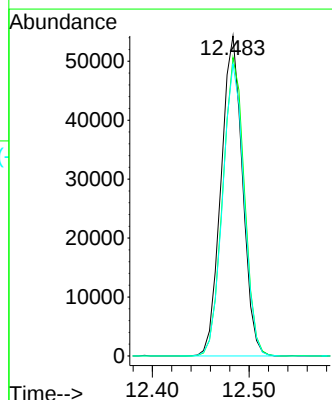
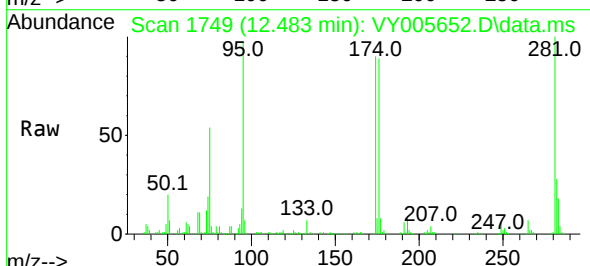
Instrument :
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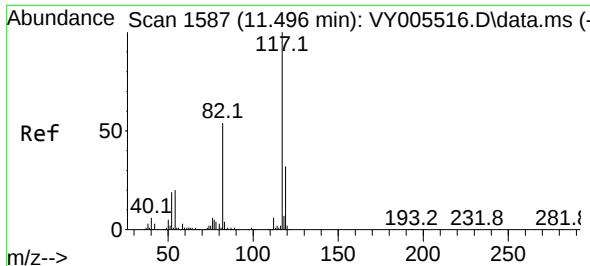
Tgt Ion: 98 Resp: 379876
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 34.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 95 Resp: 83547
Ion Ratio Lower Upper
95 100
174 94.0 0.0 191.4
176 91.1 0.0 183.6

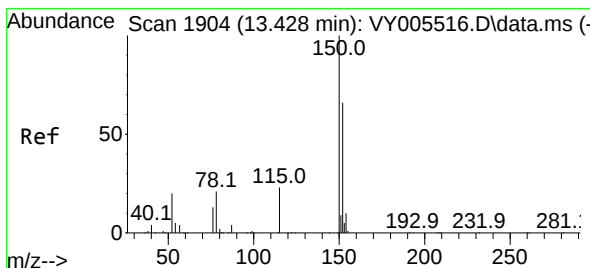
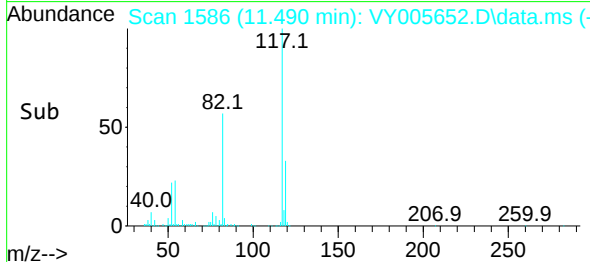
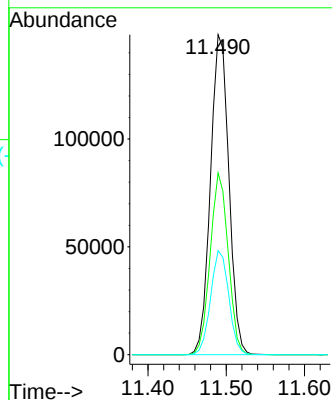
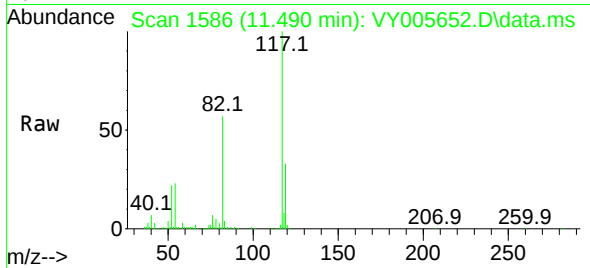




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

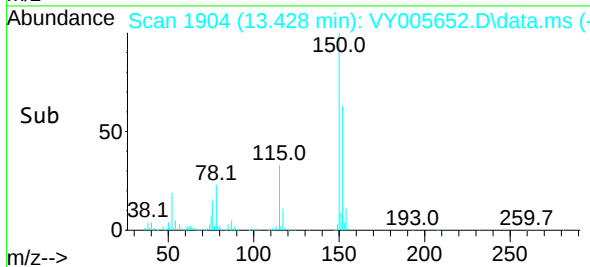
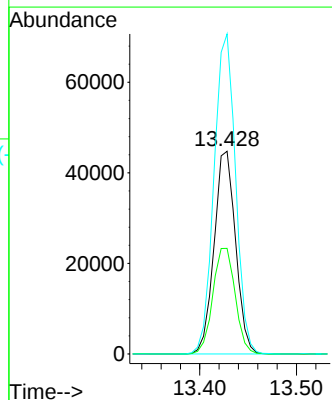
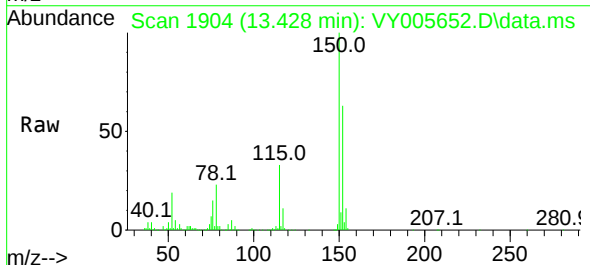
Instrument :
MSVOA_Y
ClientSampleId :
28N

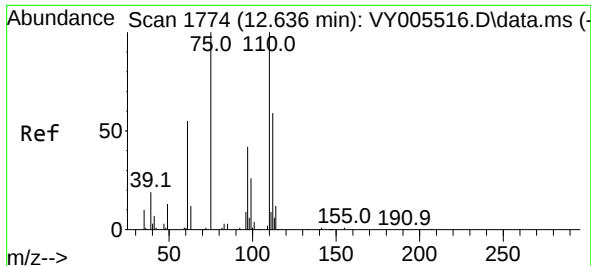
Tgt Ion:117 Resp: 242108
Ion Ratio Lower Upper
117 100
82 56.8 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion:152 Resp: 69085
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 158.0 0.0 350.2

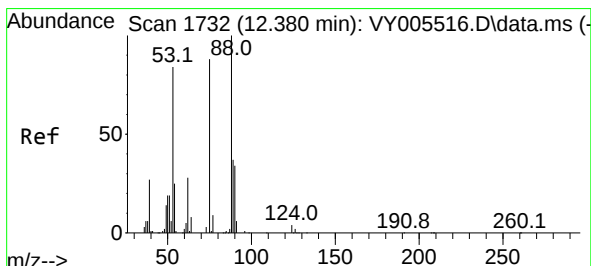
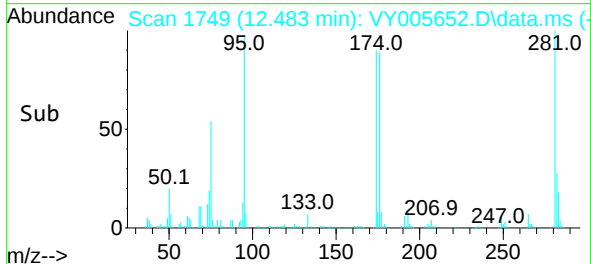
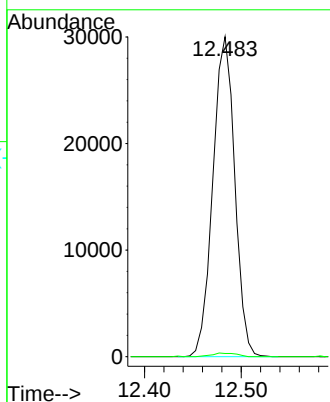
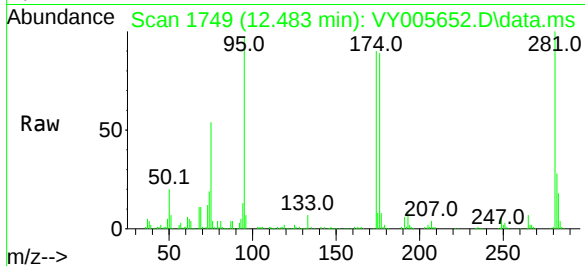




#76
1,2,3-Trichloropropane
Concen: 65.922 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

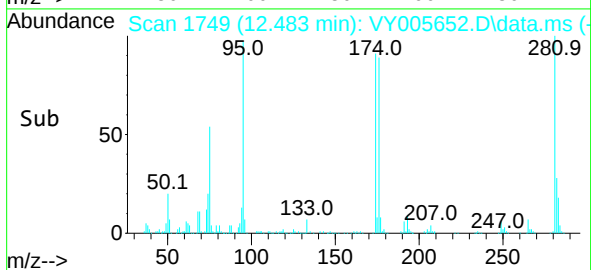
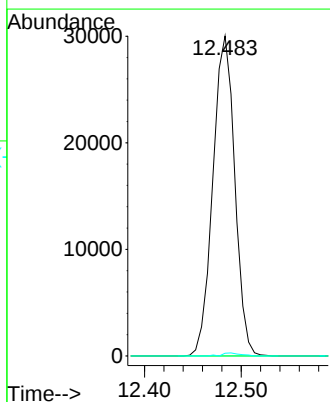
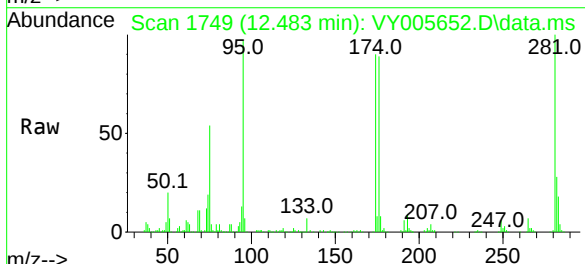
Instrument :
MSVOA_Y
ClientSampled :
28N

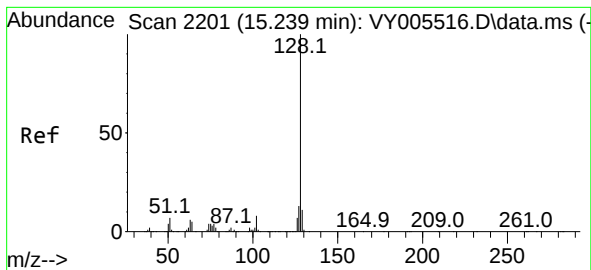
Tgt Ion: 75 Resp: 47195
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 75 Resp: 47195
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.8 38.4 57.6#





#95
Naphthalene
Concen: 3.339 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Instrument :
MSVOA_Y
ClientSampleId :
28N

Tgt Ion:128 Resp: 9232
Ion Ratio Lower Upper
128 100
127 15.0 10.6 15.8
129 9.8 8.7 13.1

