

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090821\
 Data File : VY005963.D
 Acq On : 08 Sep 2021 13:46
 Operator : SY/MD
 Sample : M3668-03
 Misc : 5.040G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Quant Time: Sep 09 04:54:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

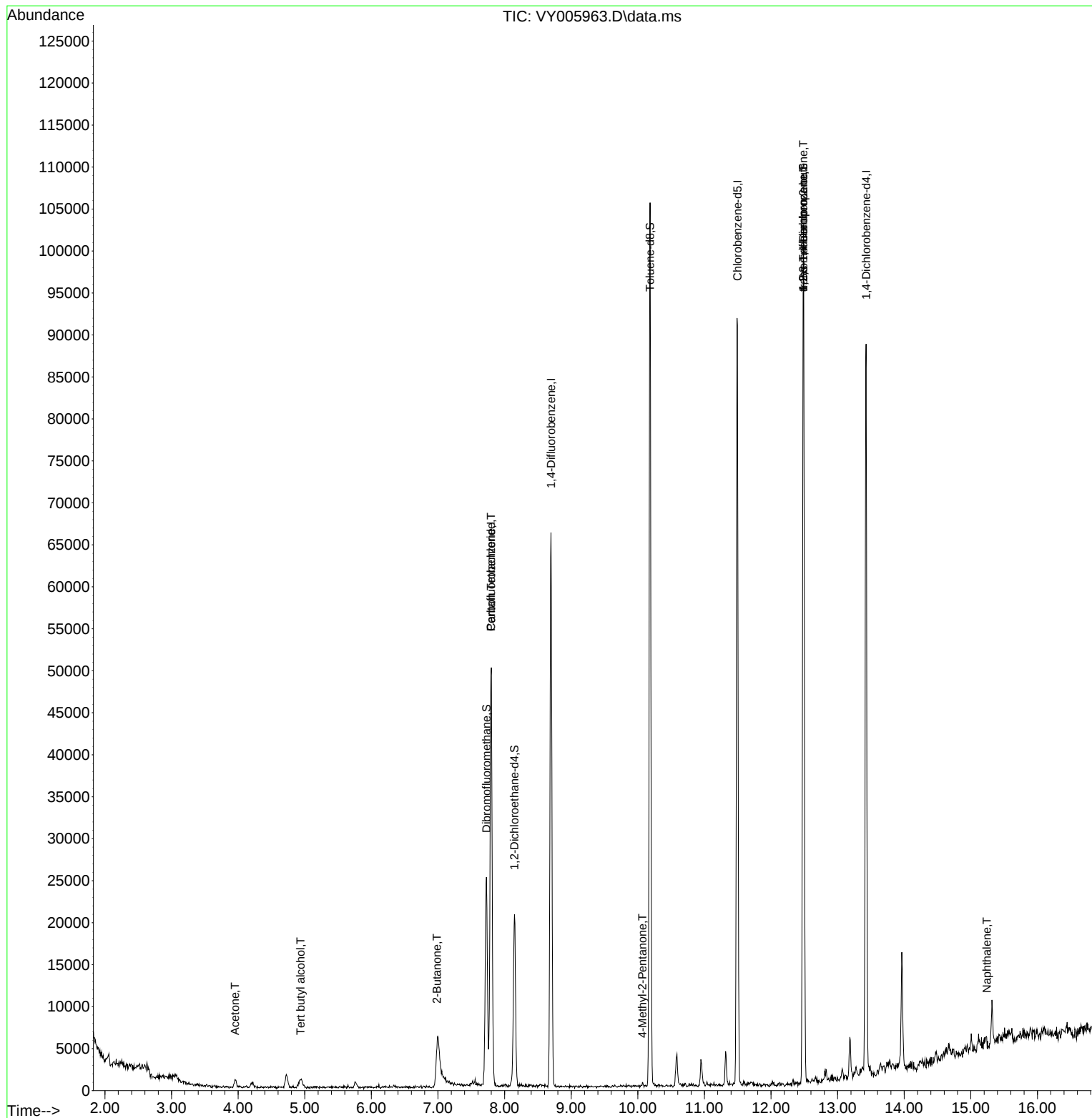
Internal Standards						
1) Pentafluorobenzene	7.795	168	42343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	57856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	52929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16383	38.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.780%
35) Dibromofluoromethane	7.728	113	17307	53.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.540%
50) Toluene-d8	10.185	98	70263	51.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.483	95	22368	48.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1327	15.815	ug/l #	80
16) Acetone	3.954	43	1468	13.492	ug/l #	67
20) Methylene Chloride	4.722	84	1231	Below Cal	#	84
25) 2-Butanone	6.984	43	202	1.314	ug/l #	47
38) Carbon Tetrachloride	7.795	117	3563	6.035	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	417	1.306	ug/l #	75
76) 1,2,3-Trichloropropane	12.483	75	10796	47.735	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10796	90.781	ug/l #	14
95) Naphthalene	15.239	128	910	1.003	ug/l #	89

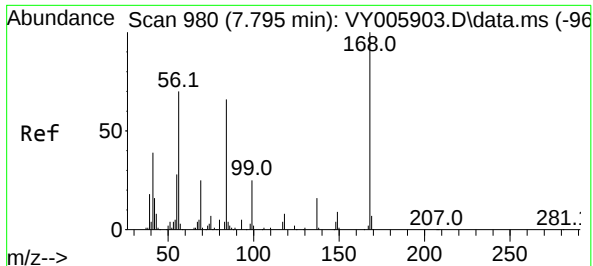
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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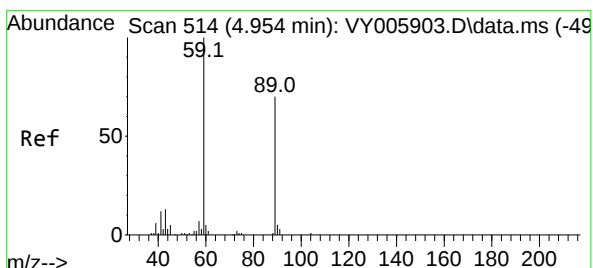
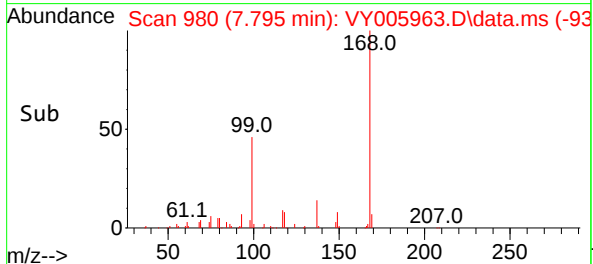
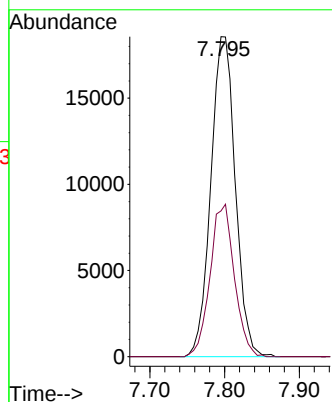
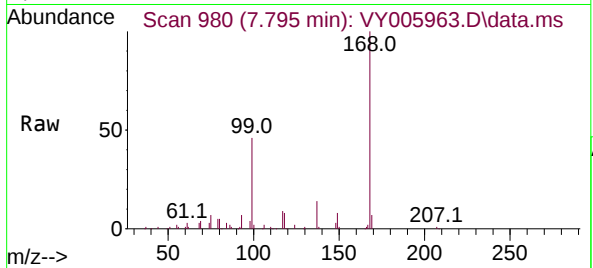




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

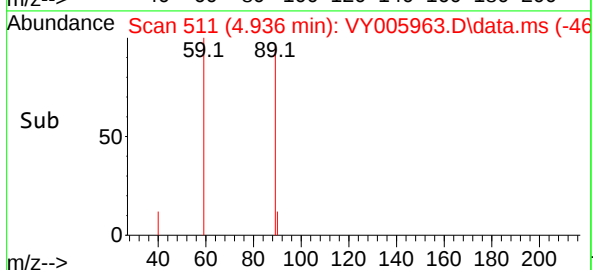
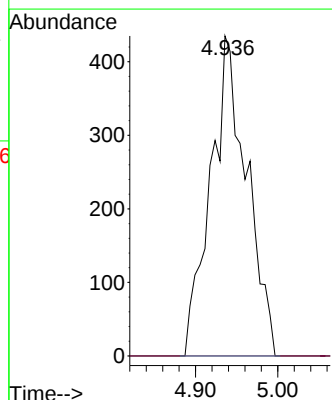
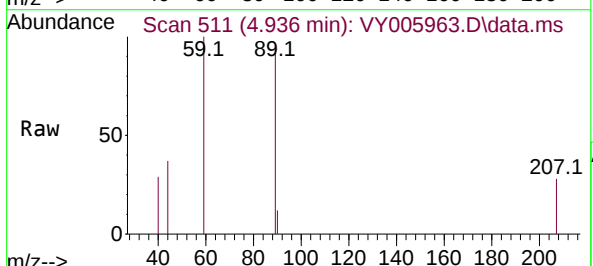
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

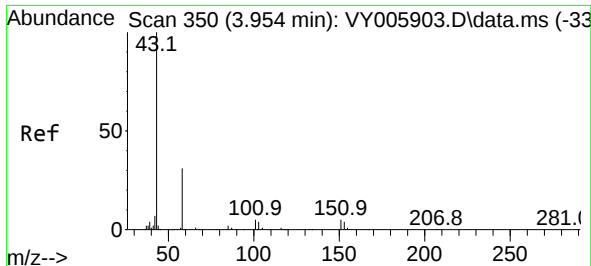
Tgt Ion:168 Resp: 42343
Ion Ratio Lower Upper
168 100
99 45.5 40.6 60.8



#11
Tert butyl alcohol
Concen: 15.815 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

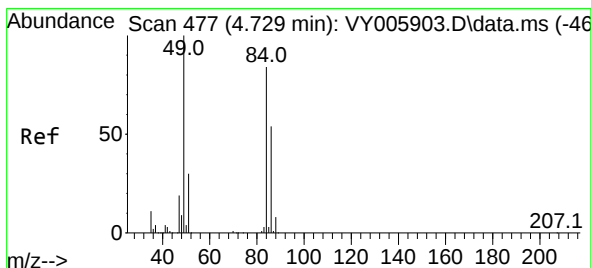
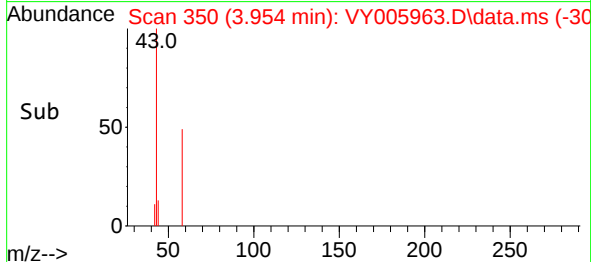
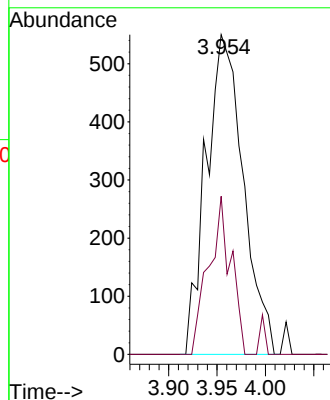
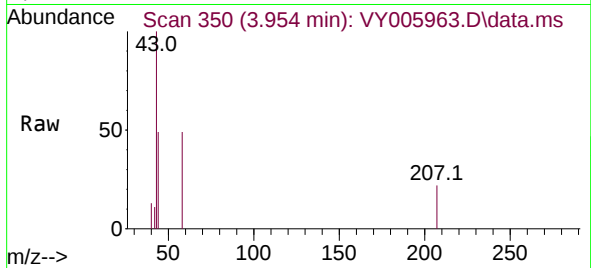




#16
Acetone
Concen: 13.492 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

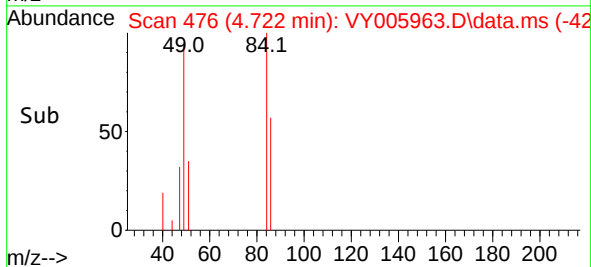
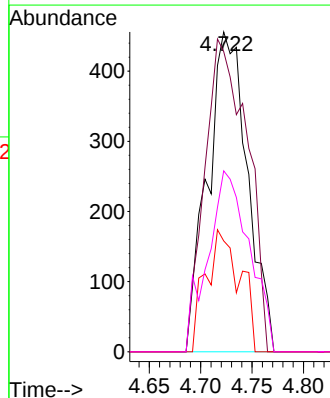
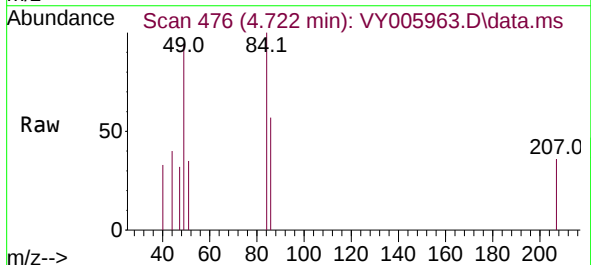
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

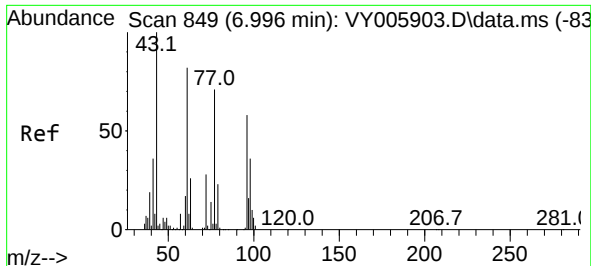
Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
58 49.5 25.1 37.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 84 Resp: 1231
Ion Ratio Lower Upper
84 100
49 93.9 95.7 143.5#
51 34.6 29.0 43.6
86 56.6 51.2 76.8

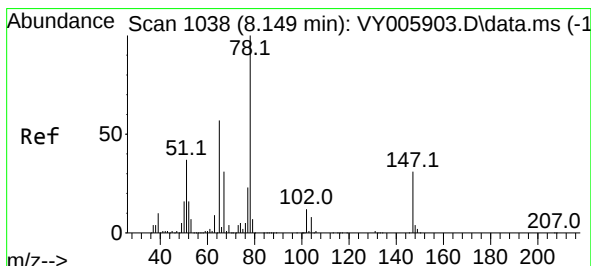
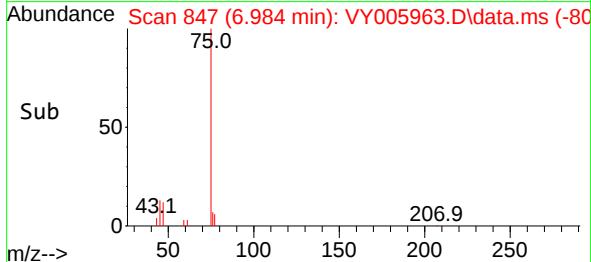
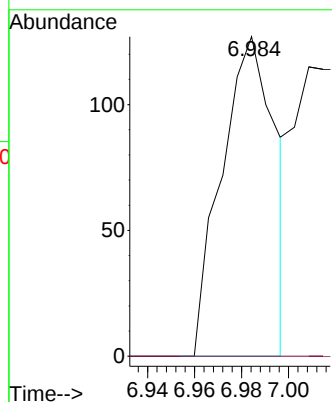
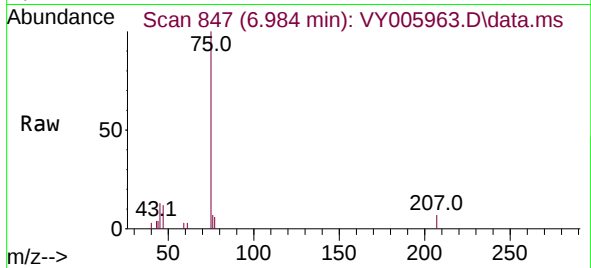




#25
2-Butanone
Concen: 1.314 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

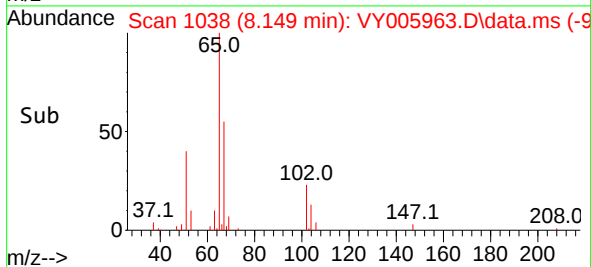
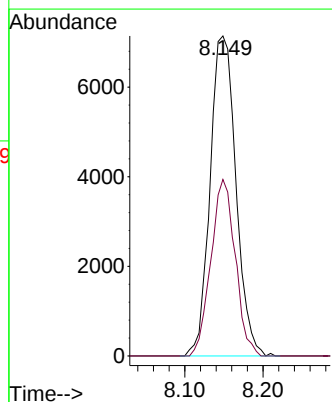
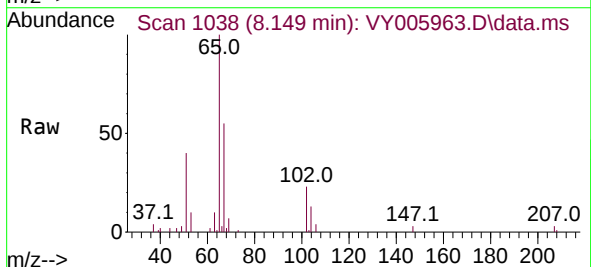
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

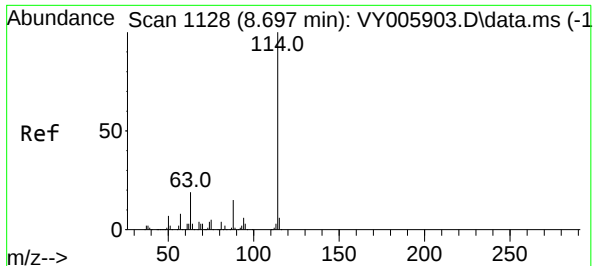
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#33
1,2-Dichloroethane-d4
Concen: 38.395 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 65 Resp: 16383
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005963.D

Acq: 08 Sep 2021 13:46

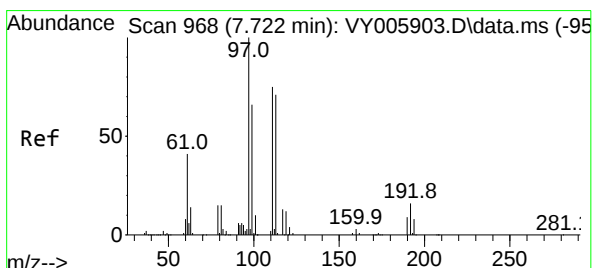
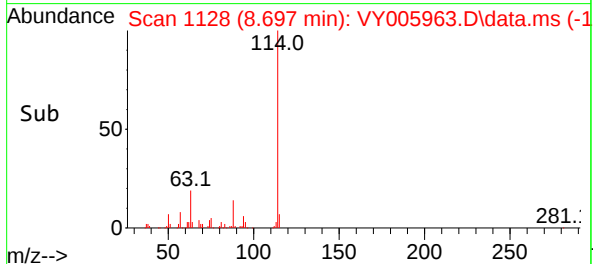
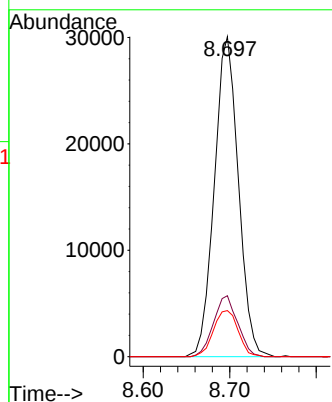
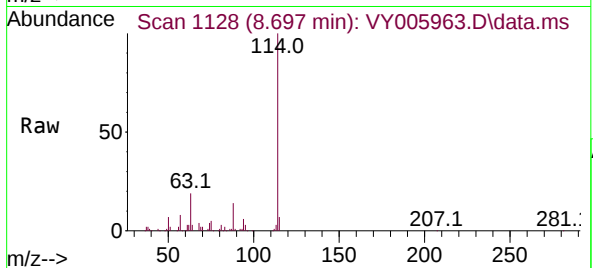
Instrument :

MSVOA_Y

ClientSampleId :

SP-1ARE

Tgt Ion:	114	Resp:	57856
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	14.4	0.0	30.0



#35

Dibromofluoromethane

Concen: 53.266 ug/l

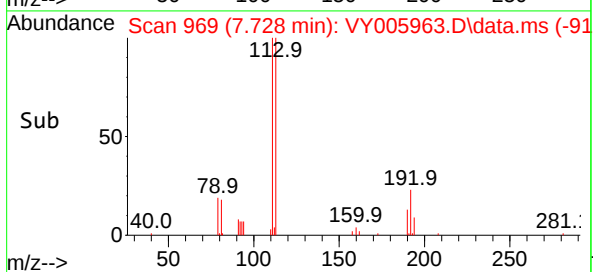
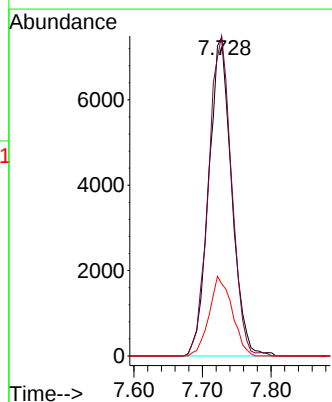
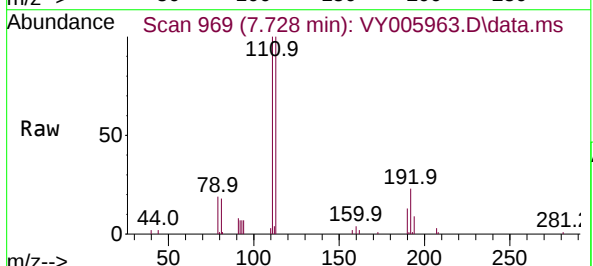
RT: 7.728 min Scan# 969

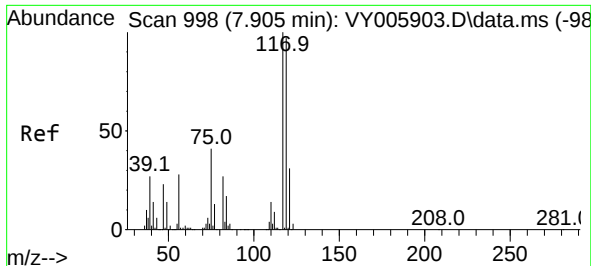
Delta R.T. 0.006 min

Lab File: VY005963.D

Acq: 08 Sep 2021 13:46

Tgt Ion:	113	Resp:	17307
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	25.0	19.4	29.0

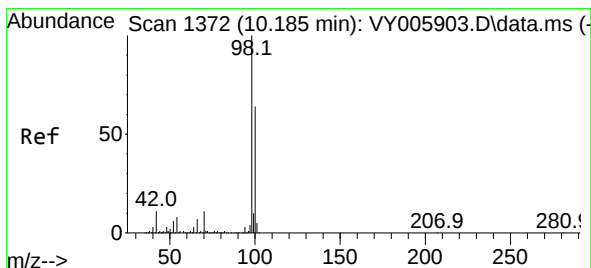
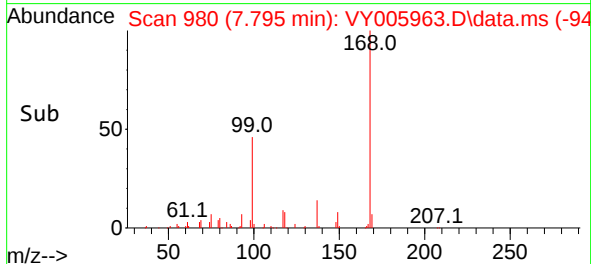
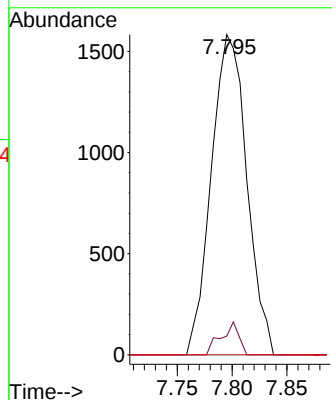
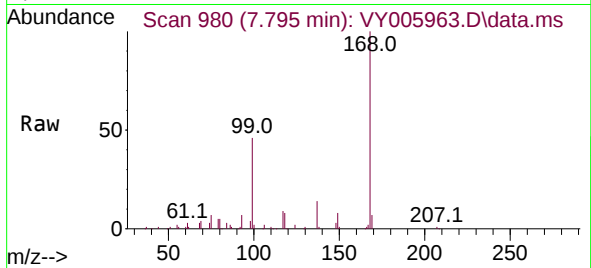




#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

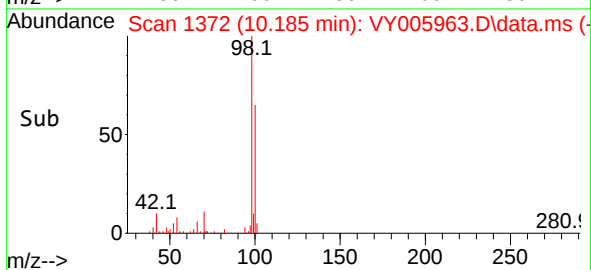
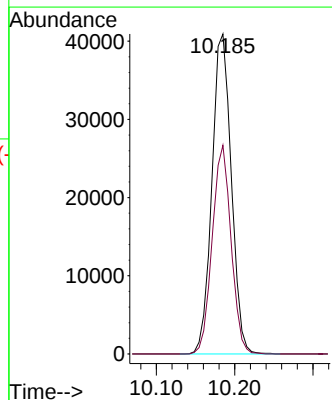
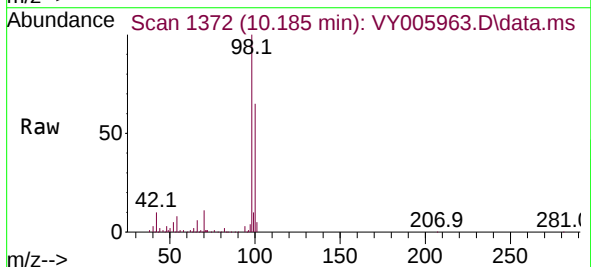
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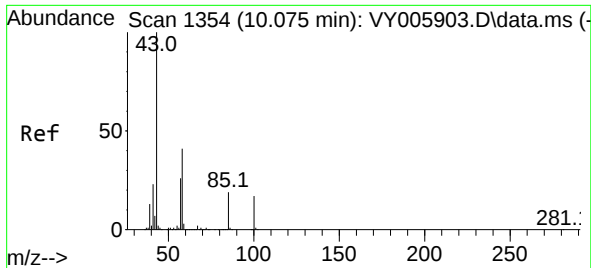
Tgt Ion:117 Resp: 3563
Ion Ratio Lower Upper
117 100
119 5.8 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.527 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 98 Resp: 70263
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

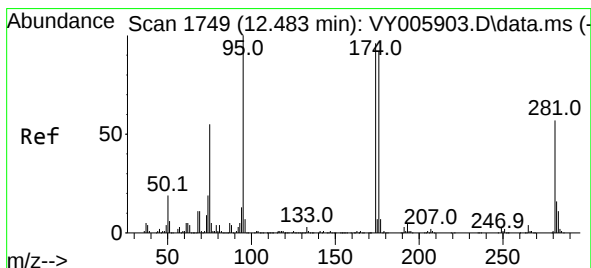
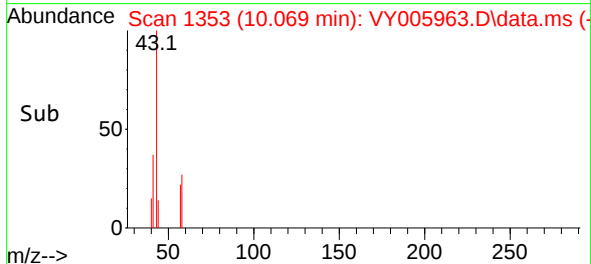
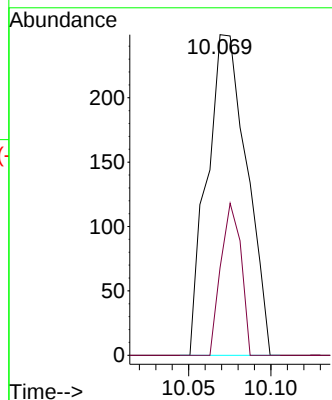
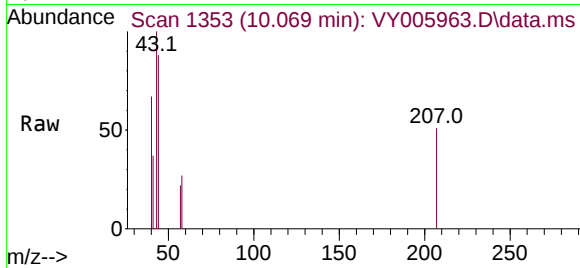




#51
4-Methyl-2-Pentanone
Concen: 1.306 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

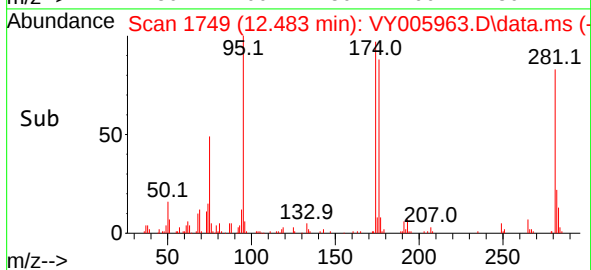
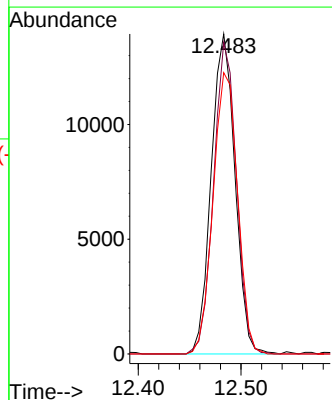
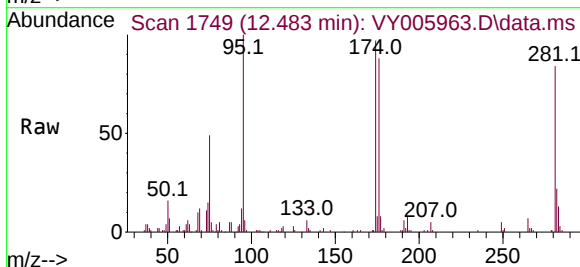
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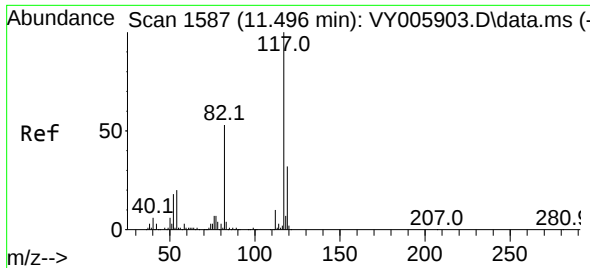
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 24.2 31.8 47.8#



#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 95 Resp: 22368
Ion Ratio Lower Upper
95 100
174 93.8 0.0 192.4
176 90.6 0.0 186.8

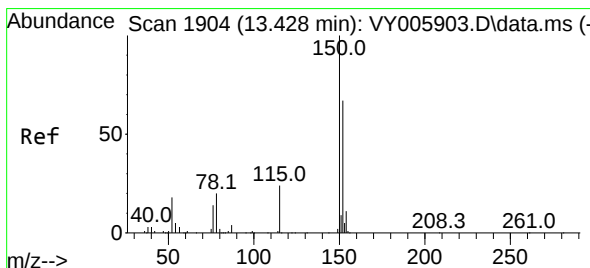
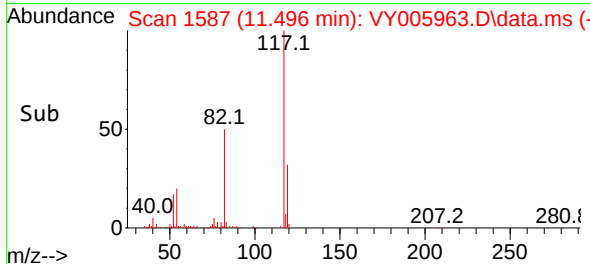
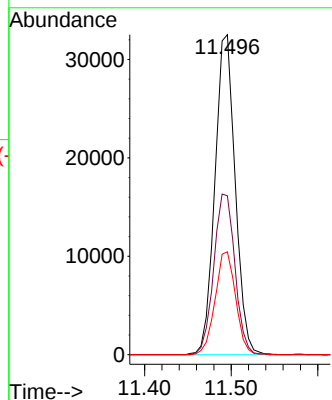
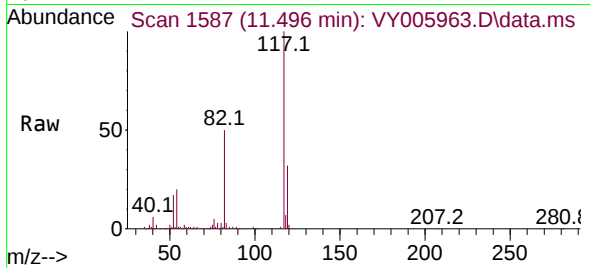




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

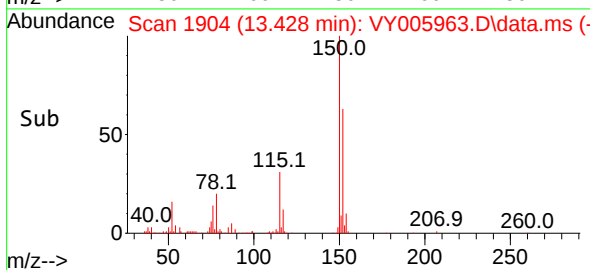
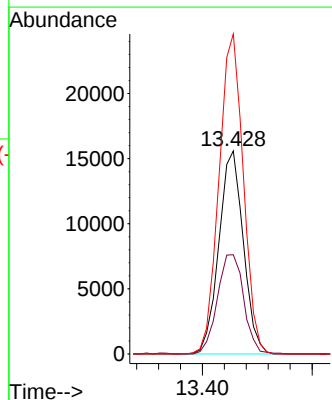
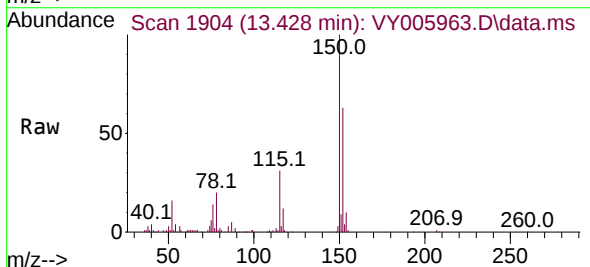
Instrument :
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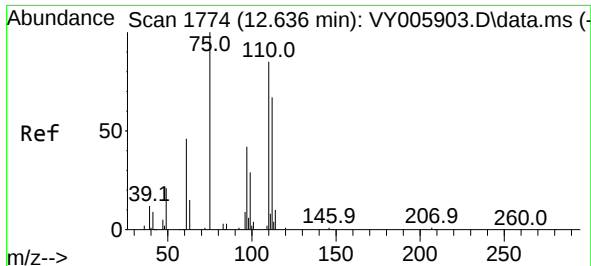
Tgt Ion:	117	Resp:	52929
Ion Ratio	Lower	Upper	
117	100		
82	49.7	42.4	63.6
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion:	152	Resp:	24164
Ion Ratio	Lower	Upper	
152	100		
115	52.6	26.8	80.4
150	156.3	0.0	345.6

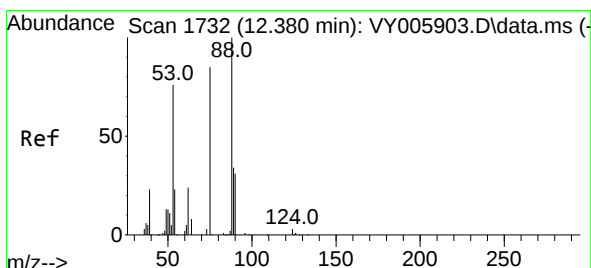
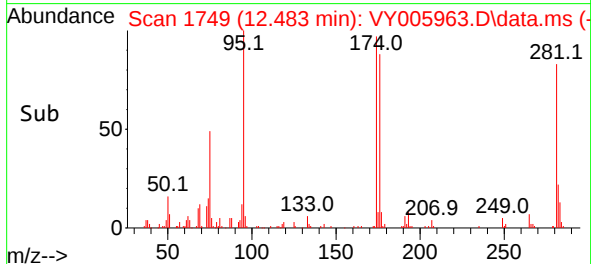
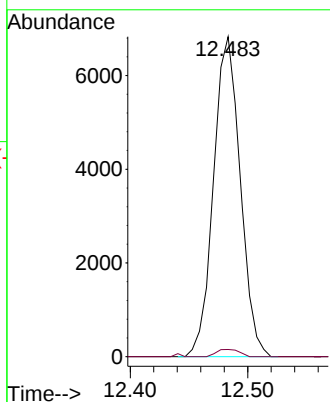
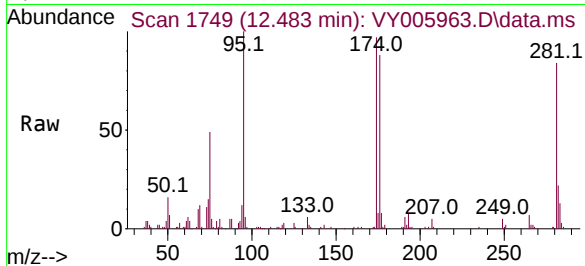




#76
1,2,3-Trichloropropane
Concen: 47.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

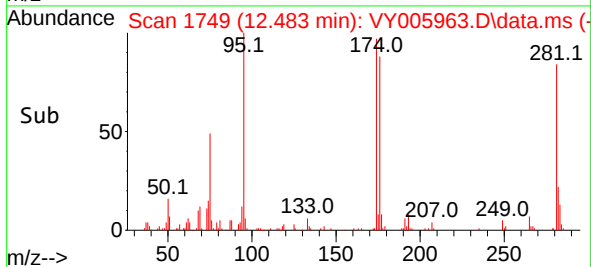
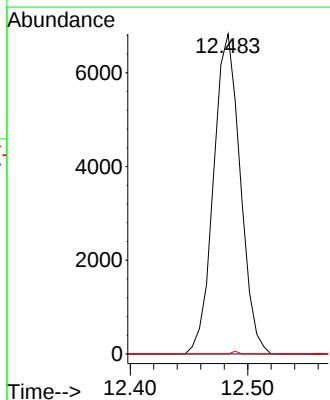
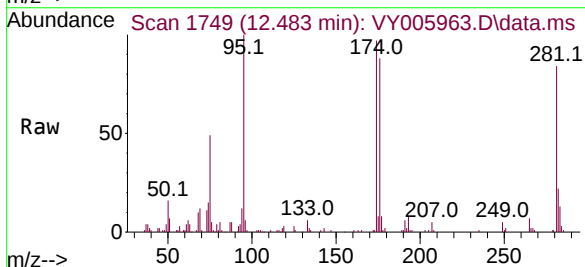
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

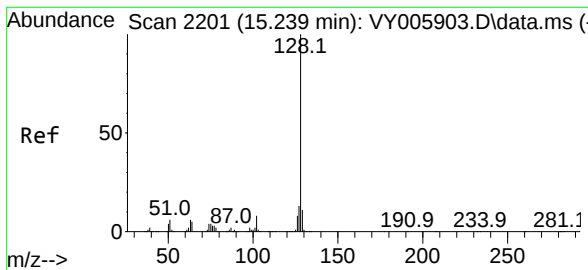
Tgt Ion: 75 Resp: 10796
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 75 Resp: 10796
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.2 35.8 53.6#





#95
 Naphthalene
 Concen: 1.003 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY005963.D
 Acq: 08 Sep 2021 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Tgt Ion:	128	Resp:	910
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.6	15.8#
129	15.7	8.7	13.1#

