

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006165.D
 Acq On : 27 Sep 2021 15:58
 Operator : SY/MD
 Sample : M3934-01RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Sep 28 06:21:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	78531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	123616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	110560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49459	45.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.728	113	35947	46.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.185	98	150768	46.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.483	95	43555	39.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.400%

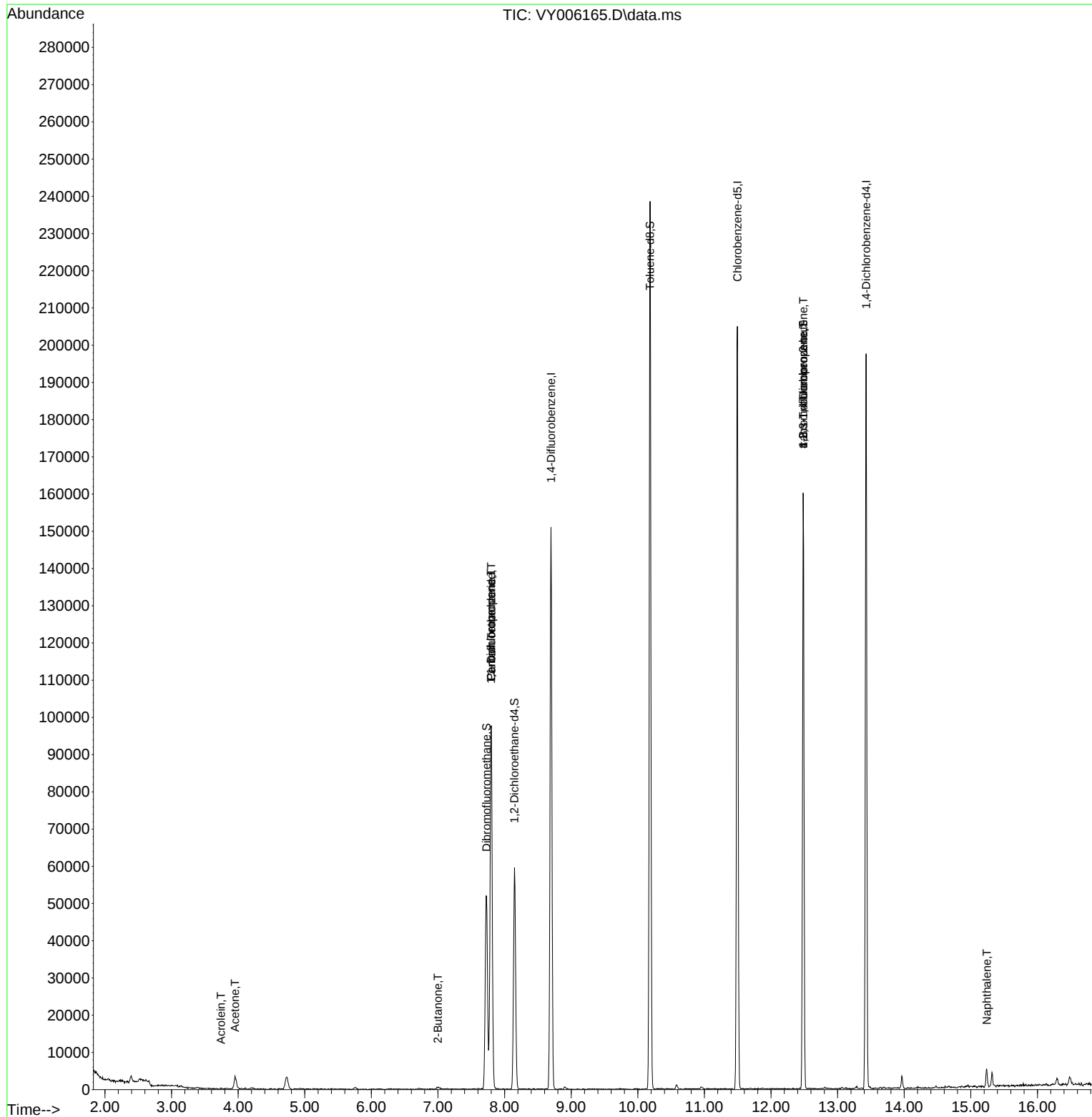
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	139	Below Cal	#	77
13) Acrolein	3.741	56	98	1.495	ug/l #	60
16) Acetone	3.954	43	5714	19.098	ug/l #	83
20) Methylene Chloride	4.728	84	2451	Below Cal	#	79
25) 2-Butanone	6.996	43	712	1.727	ug/l #	89
36) 1,1-Dichloropropene	7.795	75	5797	4.345	ug/l #	52
38) Carbon Tetrachloride	7.801	117	7535	5.188	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	24485	46.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24485	86.213	ug/l #	7
95) Naphthalene	15.239	128	3897	1.992	ug/l	99

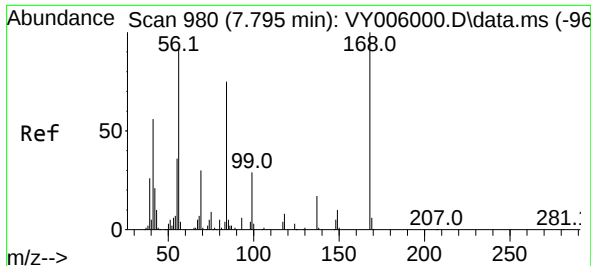
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

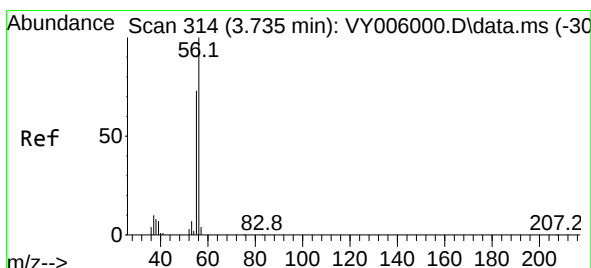
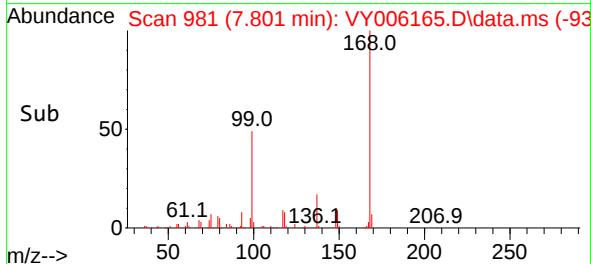
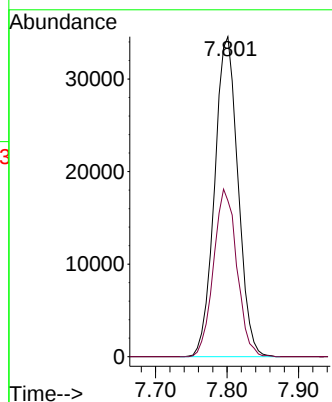
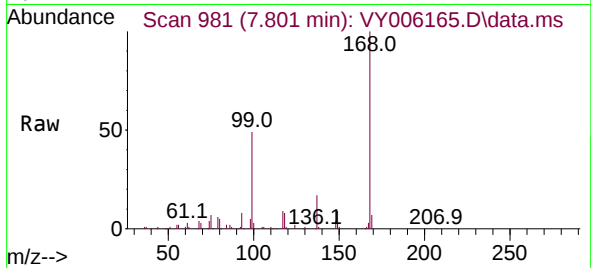




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

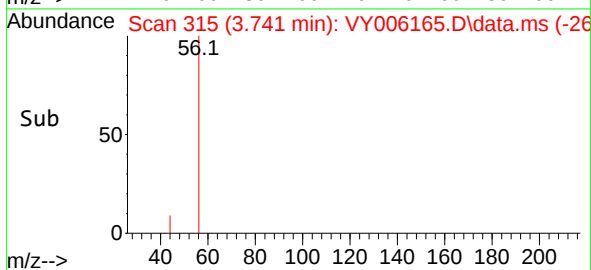
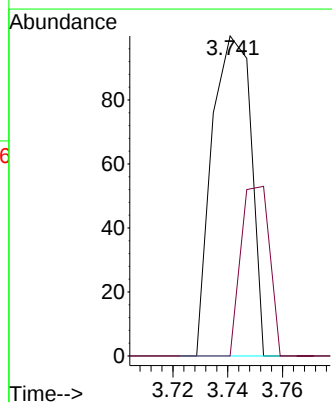
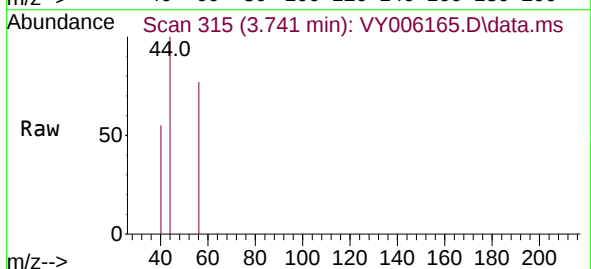
Instrument :
MSVOA_Y
ClientSampled :
TP-5

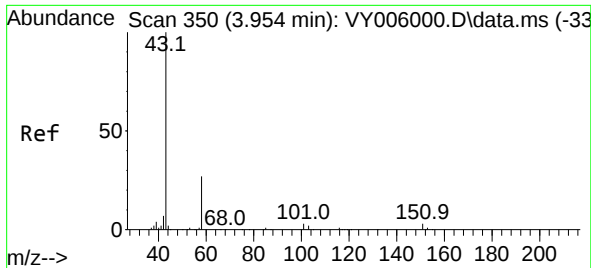
Tgt Ion:168 Resp: 78531
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#13
Acrolein
Concen: 1.495 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 38.8 57.6 86.4#

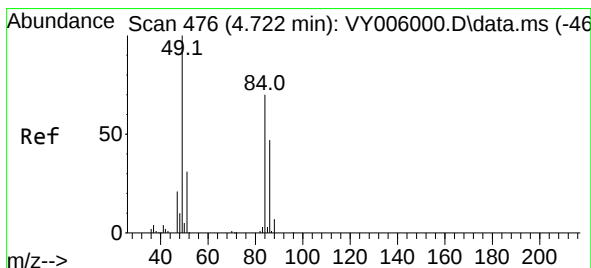
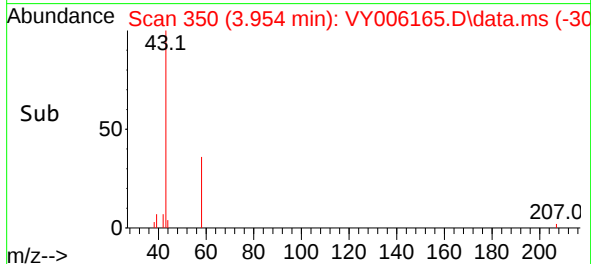
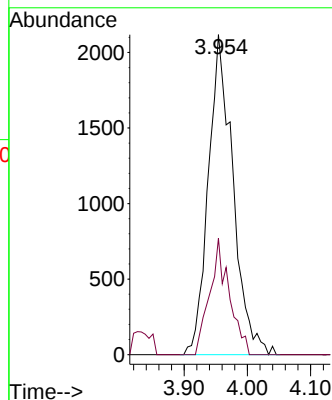
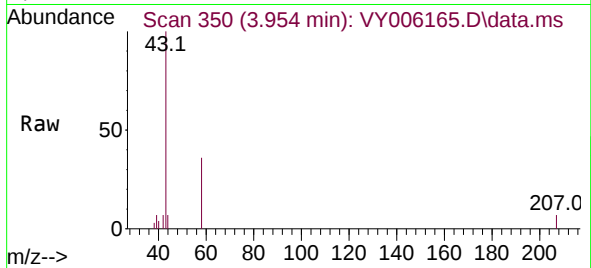




#16
Acetone
Concen: 19.098 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

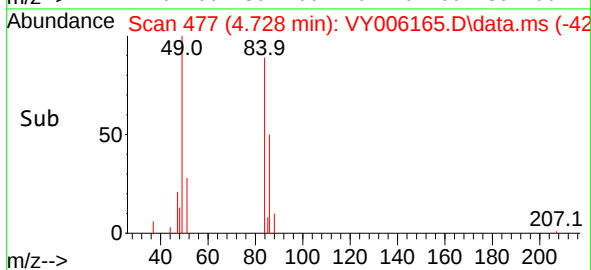
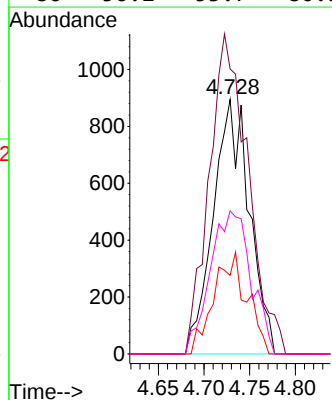
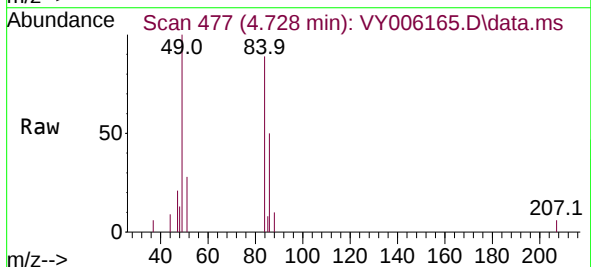
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

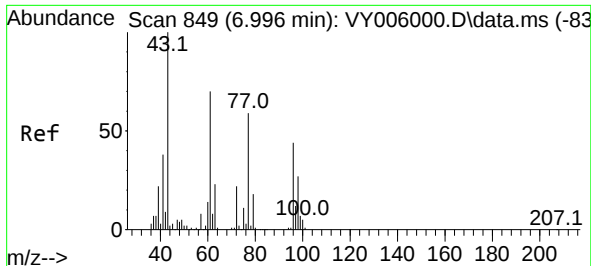
Tgt Ion: 43 Resp: 5714
Ion Ratio Lower Upper
43 100
58 36.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion: 84 Resp: 2451
Ion Ratio Lower Upper
84 100
49 112.0 114.4 171.6#
51 30.8 35.3 52.9#
86 56.2 53.7 80.5

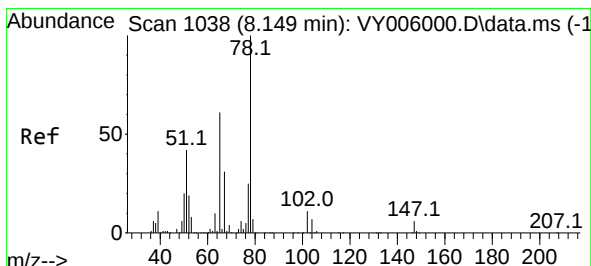
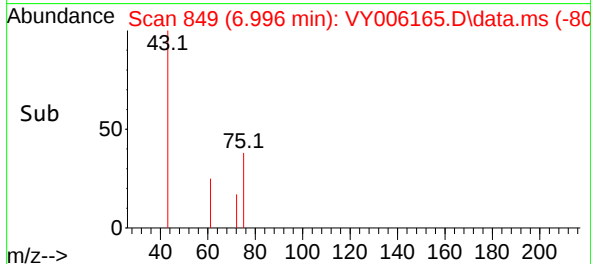
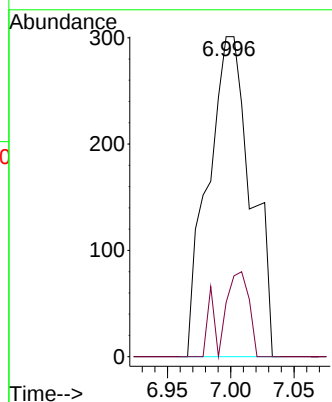
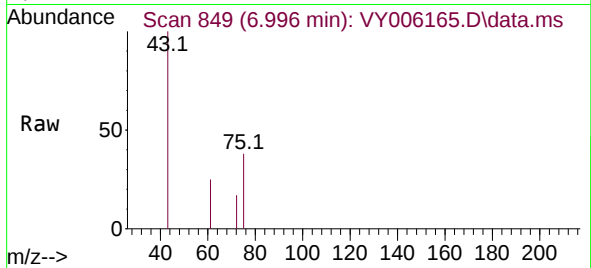




#25
2-Butanone
Concen: 1.727 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

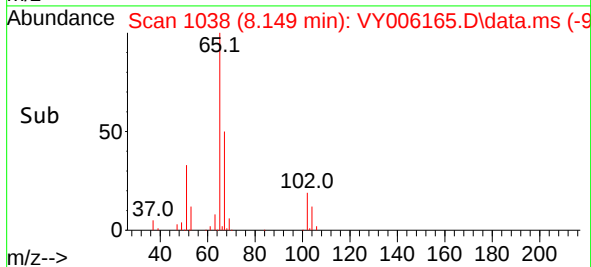
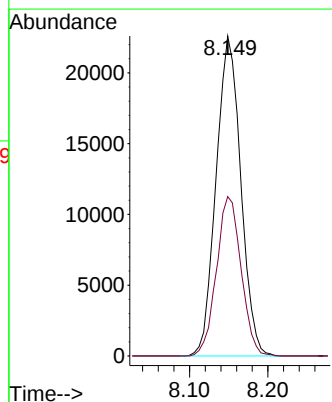
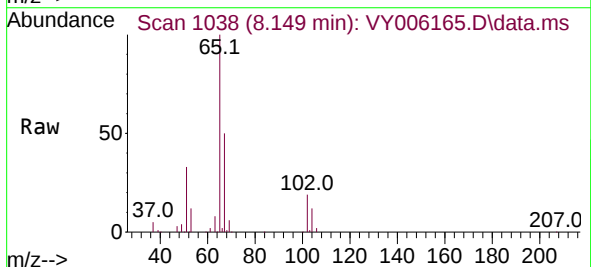
Instrument :
MSVOA_Y
ClientSampled :
TP-5

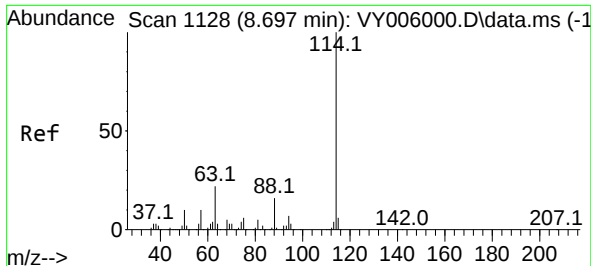
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
72 16.9 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 45.340 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion: 65 Resp: 49459
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006165.D

Acq: 27 Sep 2021 15:58

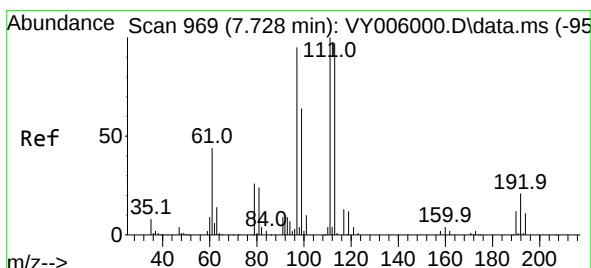
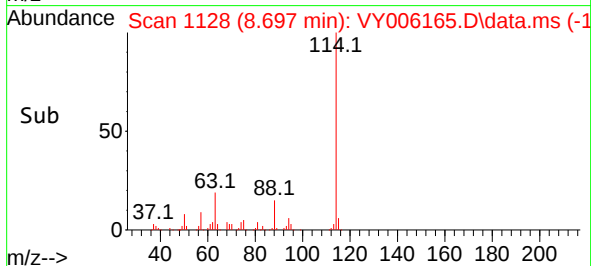
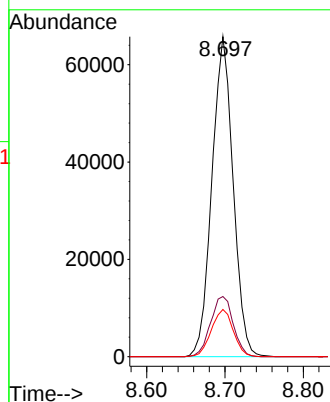
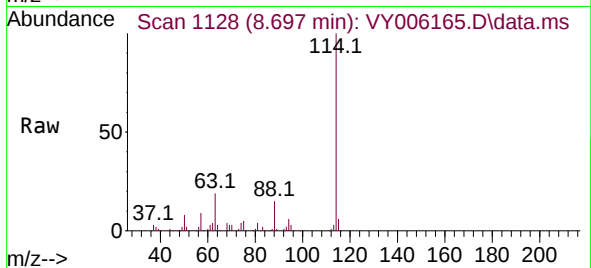
Instrument :

MSVOA_Y

ClientSampleId :

TP-5

Tgt Ion:114	Resp:	123616
Ion	Ratio	Lower Upper
114	100	
63	18.8	0.0 43.2
88	14.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 46.818 ug/l

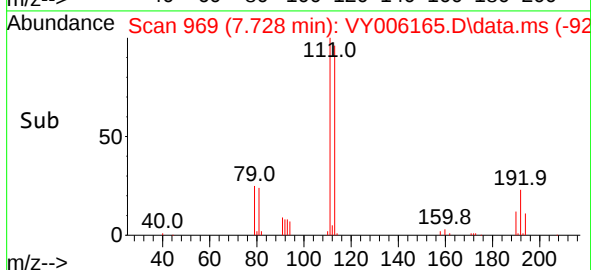
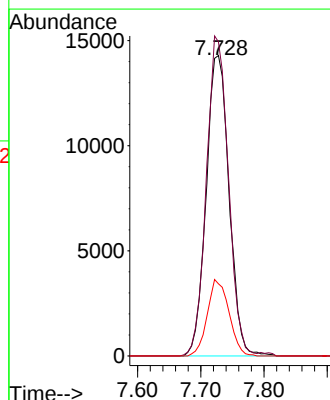
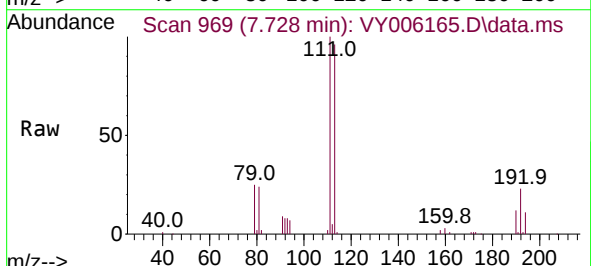
RT: 7.728 min Scan# 969

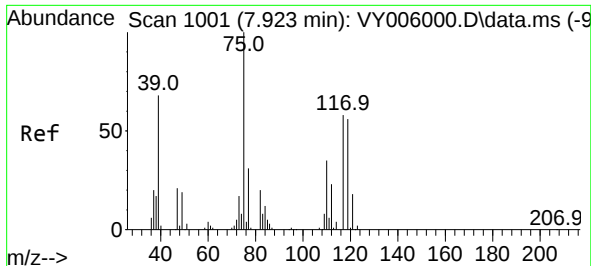
Delta R.T. -0.000 min

Lab File: VY006165.D

Acq: 27 Sep 2021 15:58

Tgt Ion:113	Resp:	35947
Ion	Ratio	Lower Upper
113	100	
111	102.5	82.6 124.0
192	24.1	17.6 26.4

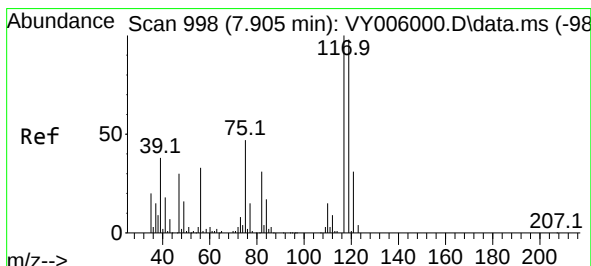
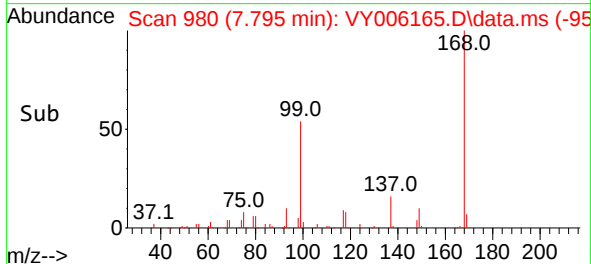
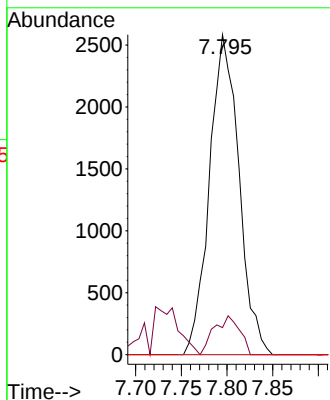
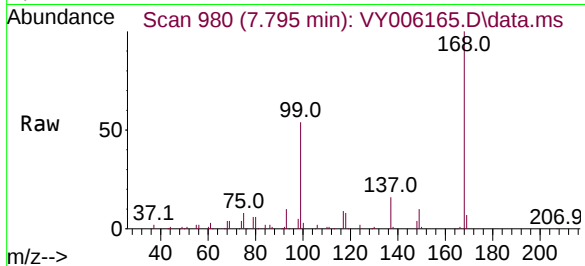




#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

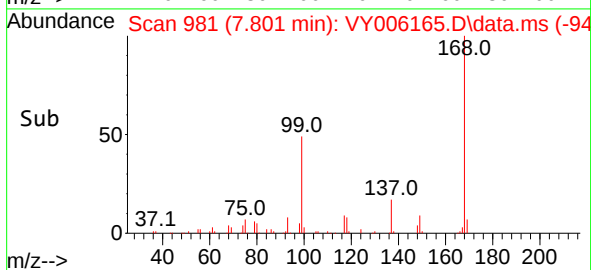
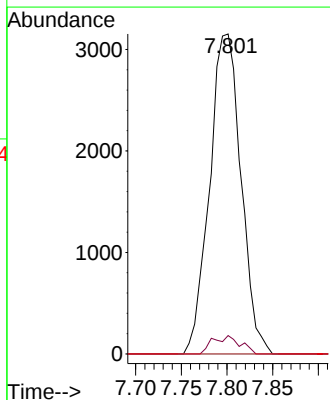
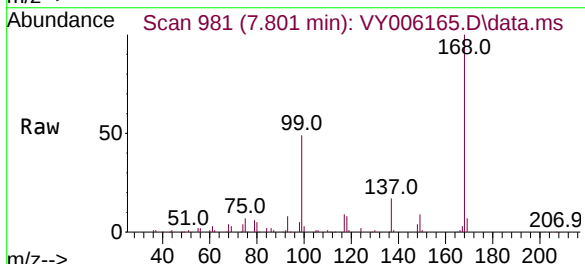
Instrument :
MSVOA_Y
ClientSampled :
TP-5

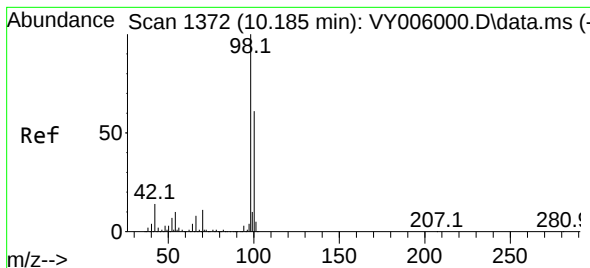
Tgt Ion: 75 Resp: 5797
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion: 117 Resp: 7535
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

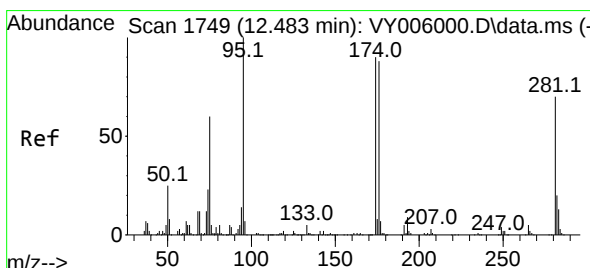
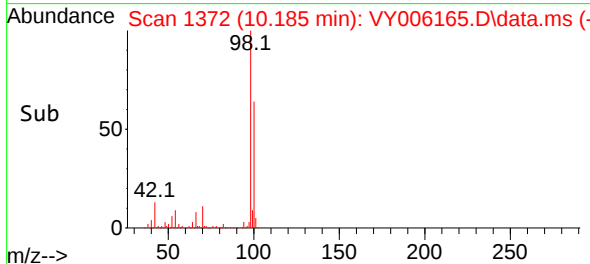
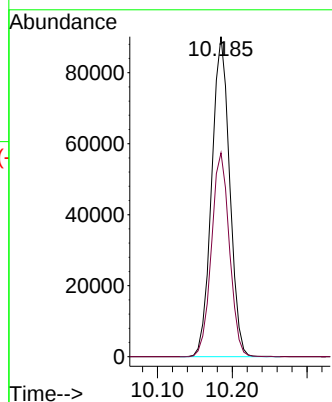
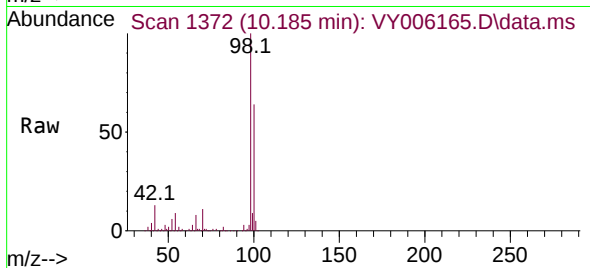




#50
Toluene-d8
Concen: 46.073 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

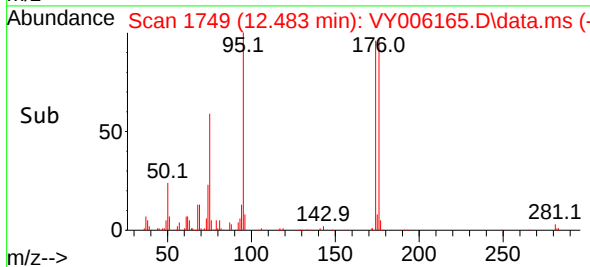
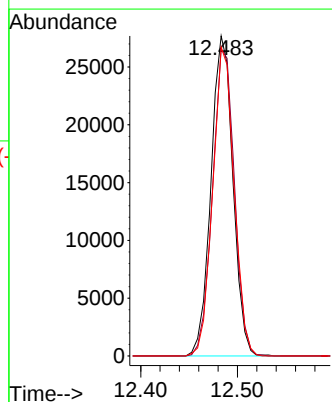
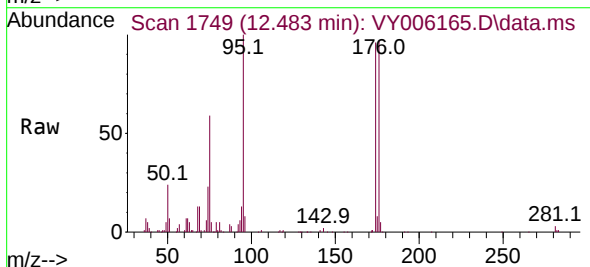
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ClientSampled :
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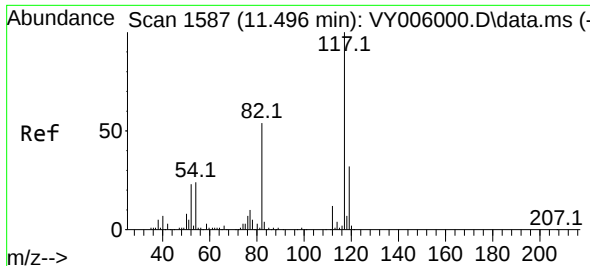
Tgt Ion: 98 Resp: 150768
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion: 95 Resp: 43555
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 93.5 0.0 175.8

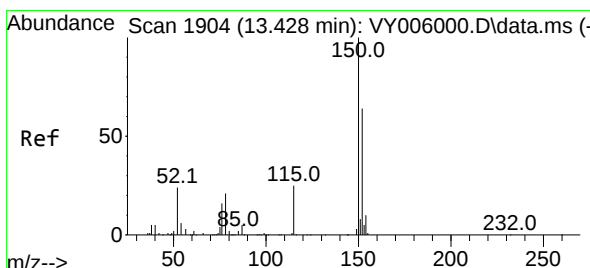
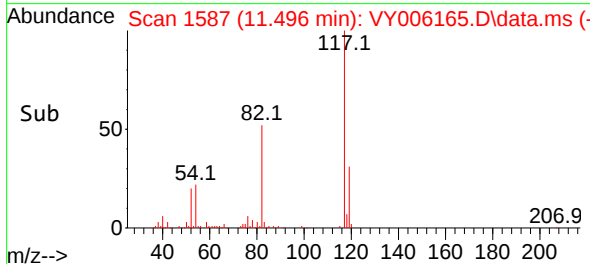
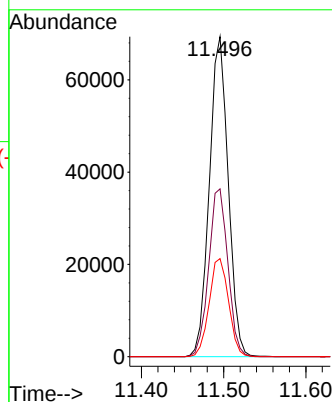
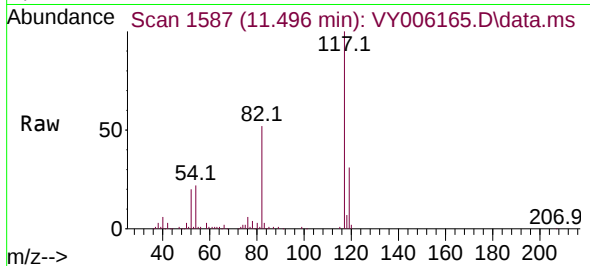




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

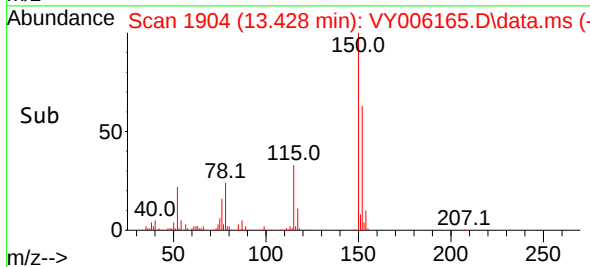
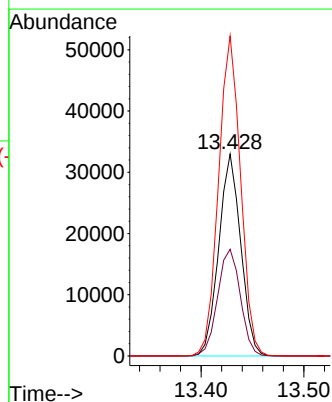
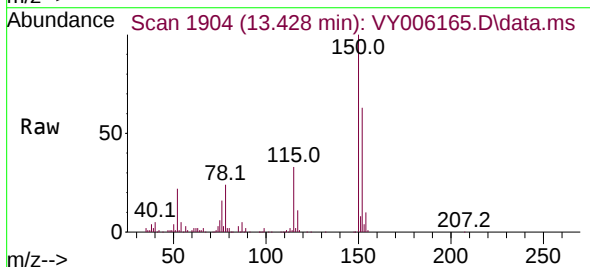
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

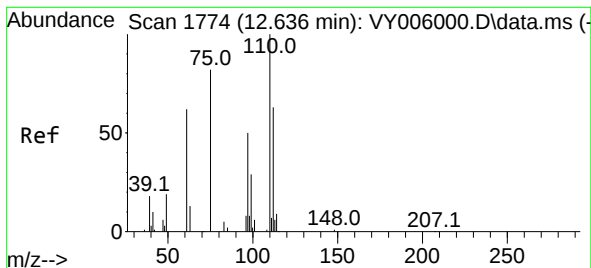
Tgt Ion:	117	Resp:	110560
Ion Ratio	Lower	Upper	
117	100		
82	52.4	43.0	64.4
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion:	152	Resp:	48973
Ion Ratio	Lower	Upper	
152	100		
115	54.7	28.2	84.7
150	158.5	0.0	347.6

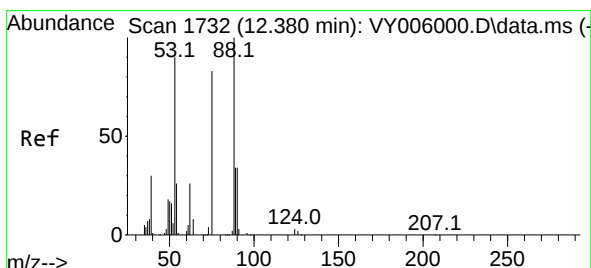
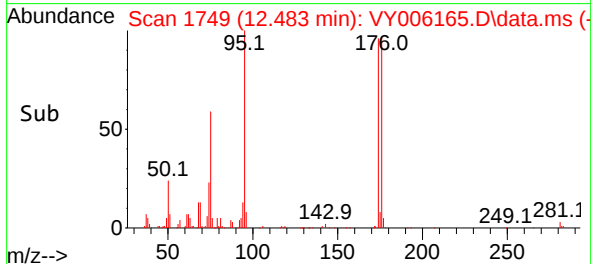
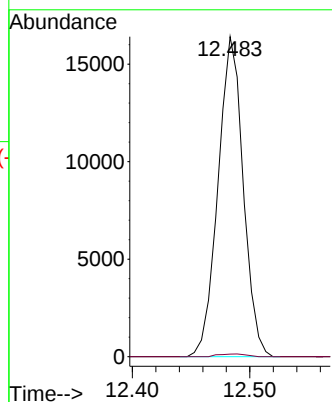
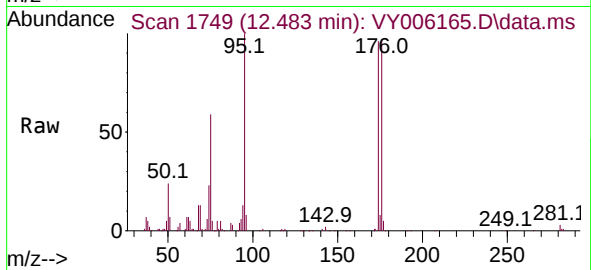




#76
1,2,3-Trichloropropane
Concen: 46.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

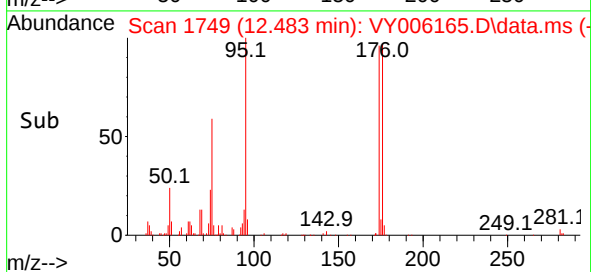
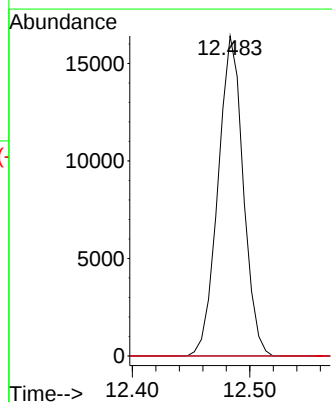
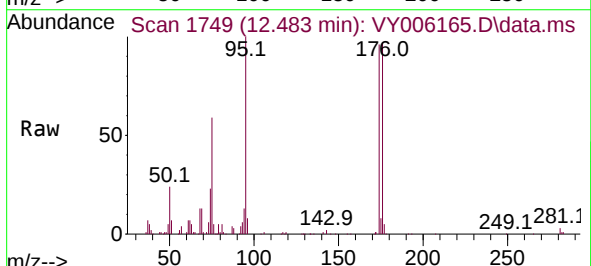
Instrument :
MSVOA_Y
ClientSampled :
TP-5

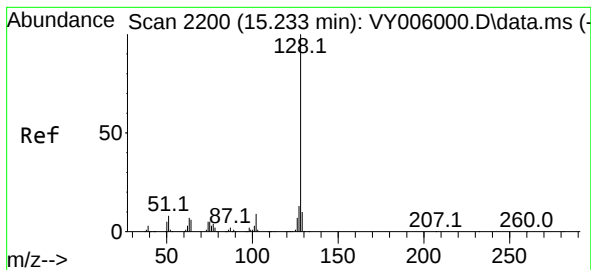
Tgt Ion: 75 Resp: 24485
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Tgt Ion: 75 Resp: 24485
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 1.992 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006165.D
Acq: 27 Sep 2021 15:58

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:128	Resp:	3897
Ion	Ratio	Lower Upper
128	100	
127	13.7	11.0 16.4
129	11.1	8.4 12.6

