

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007213.D
 Acq On : 18 Jan 2022 17:24
 Operator : SY/MD
 Sample : N1172-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 00:32:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

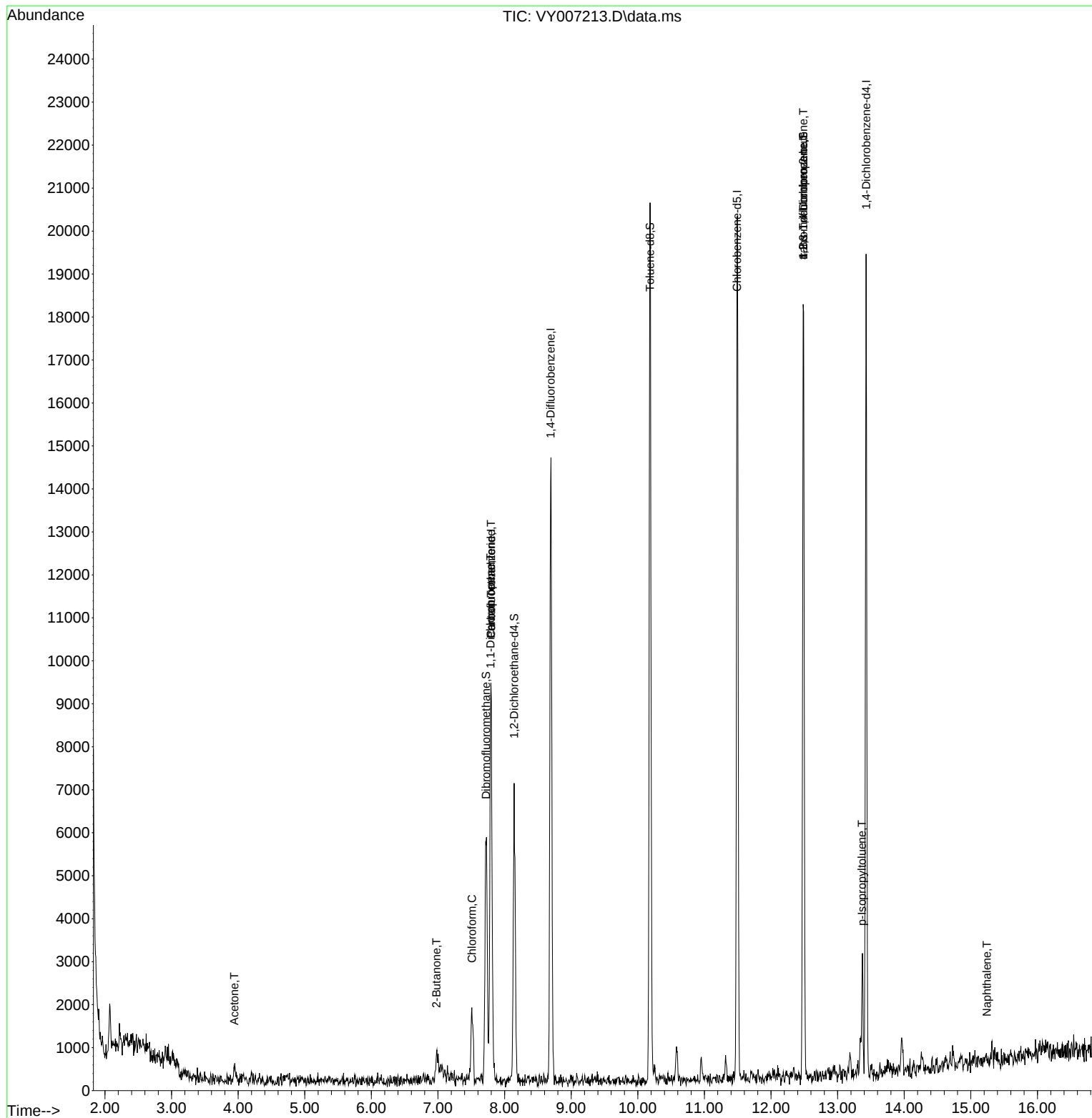
Internal Standards						
1) Pentafluorobenzene	7.795	168	7433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5087	55.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.560%
35) Dibromofluoromethane	7.722	113	4209	49.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.185	98	14434	46.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.483	95	5172	46.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.680%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	637	26.912	ug/l #	84
25) 2-Butanone	6.978	43	50	1.634	ug/l #	47
30) Chloroform	7.508	83	1774	10.273	ug/l	98
36) 1,1-Dichloropropene	7.789	75	679	5.004	ug/l #	42
38) Carbon Tetrachloride	7.795	117	865	6.061	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2885	61.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2885	113.029	ug/l #	3
86) p-Isopropyltoluene	13.367	119	1761	5.704	ug/l	97
95) Naphthalene	15.239	128	260	1.501	ug/l #	69

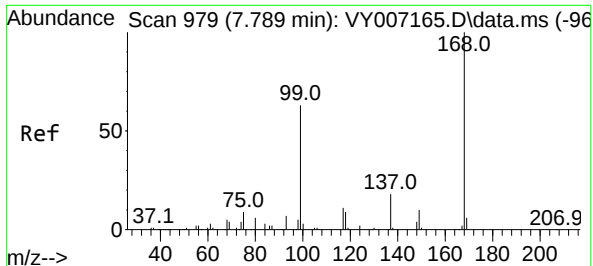
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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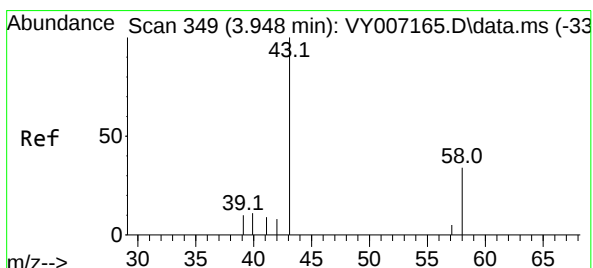
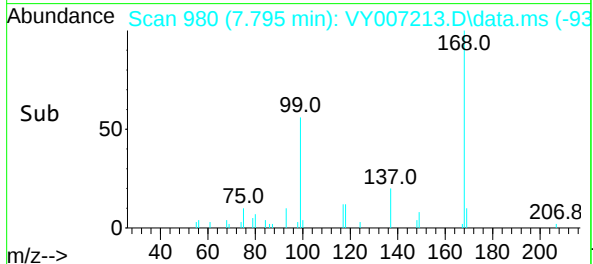
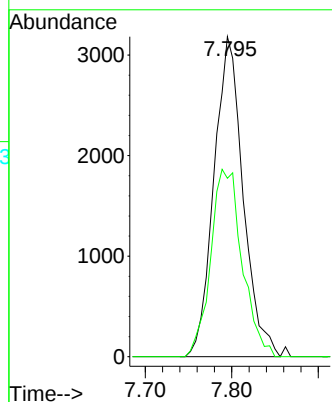
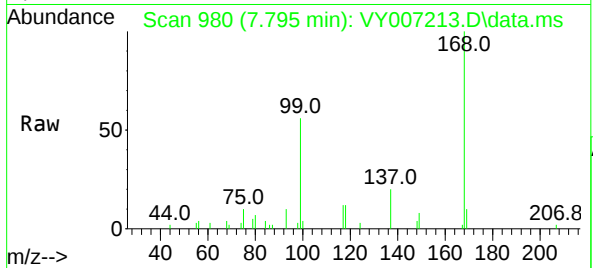




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

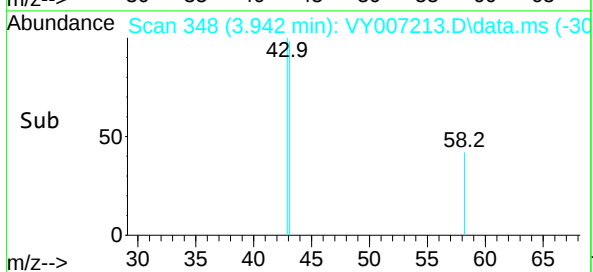
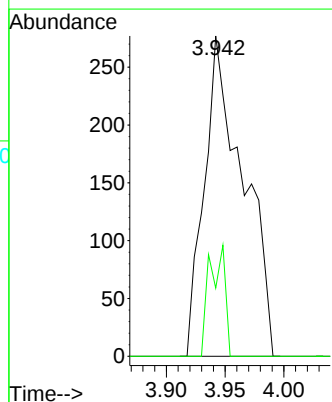
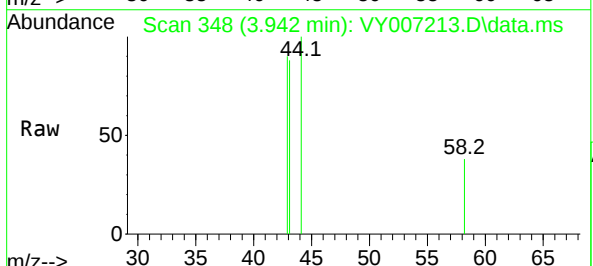
Instrument :
MSVOA_Y
ClientSampleId :

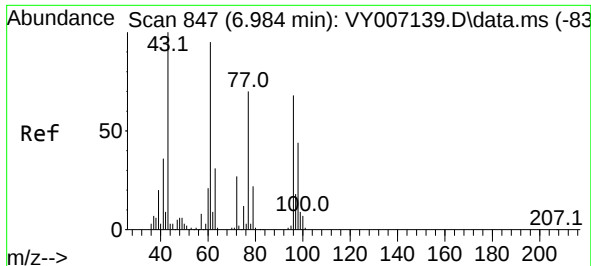
Tgt Ion:168 Resp: 7433
Ion Ratio Lower Upper
168 100
99 55.7 49.1 73.7



#16
Acetone
Concen: 26.912 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

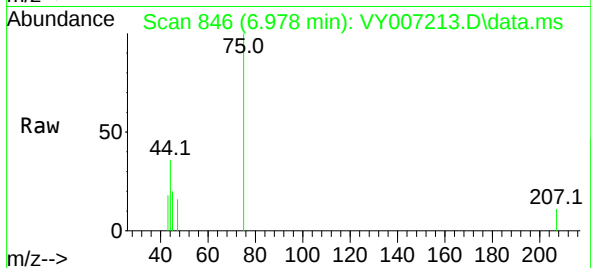
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 21.3 23.8 35.6#



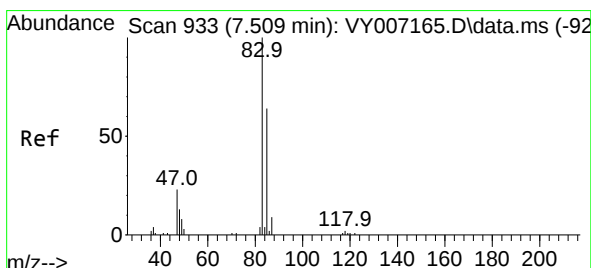
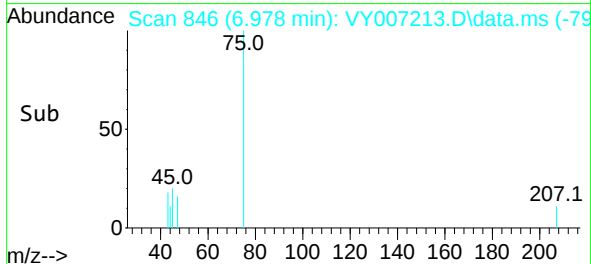
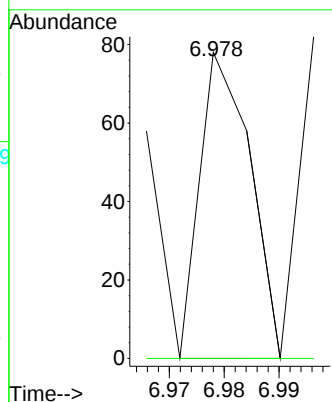


#25
2-Butanone
Concen: 1.634 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :

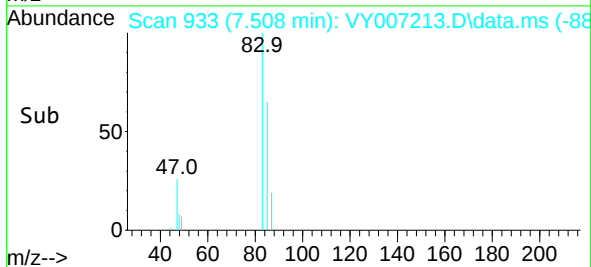
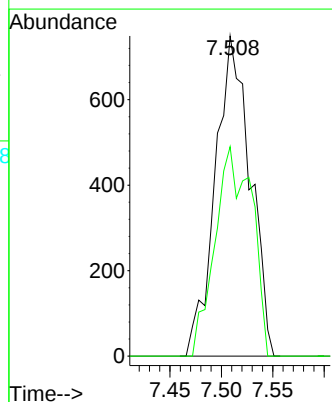
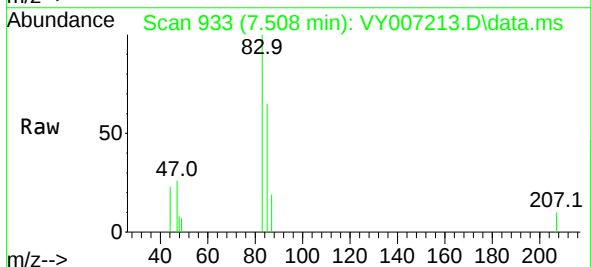


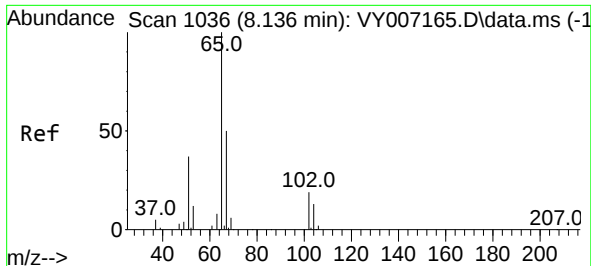
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#30
Chloroform
Concen: 10.273 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Tgt Ion: 83 Resp: 1774
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 55.776 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

Instrument :

MSVOA_Y

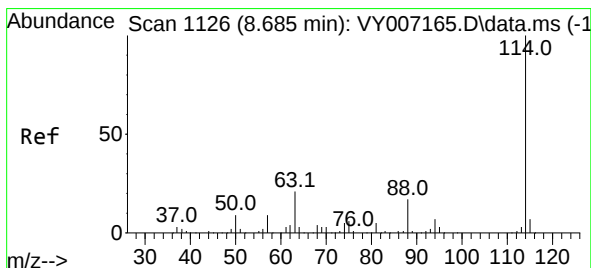
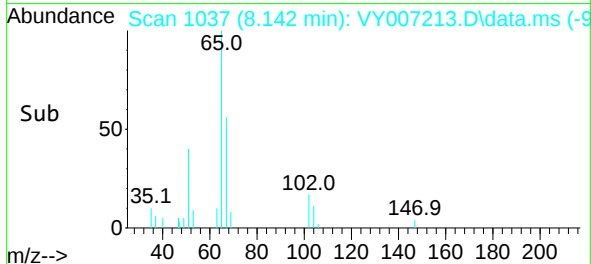
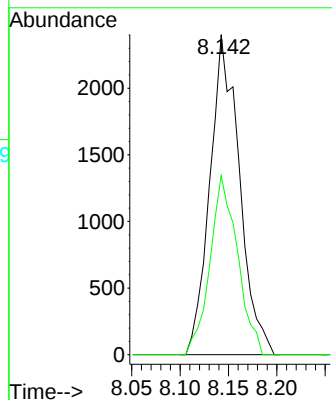
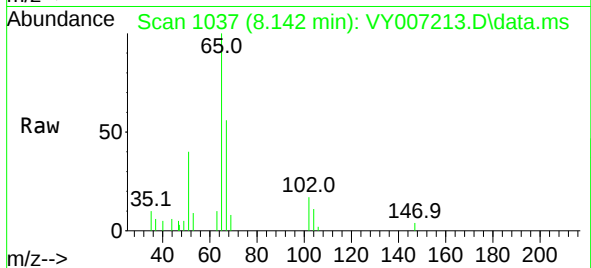
ClientSampleId :

Tgt Ion: 65 Resp: 5087

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

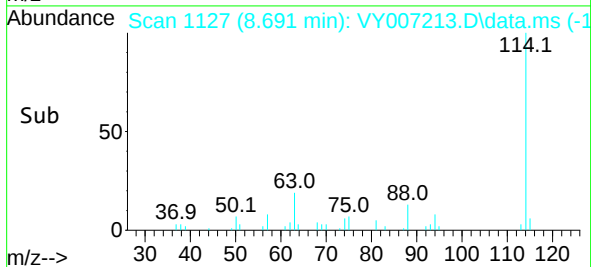
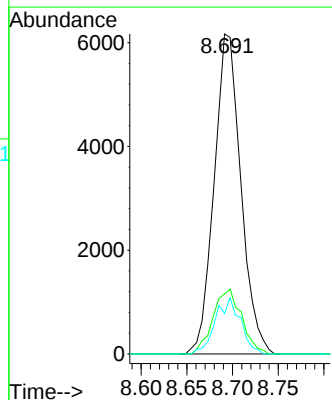
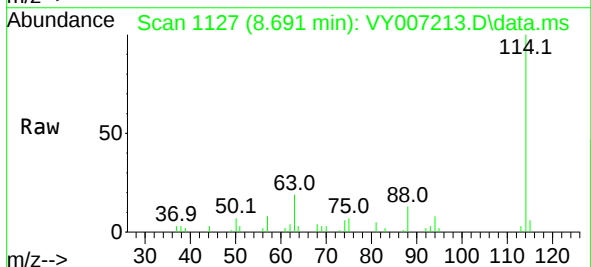
Tgt Ion: 114 Resp: 12564

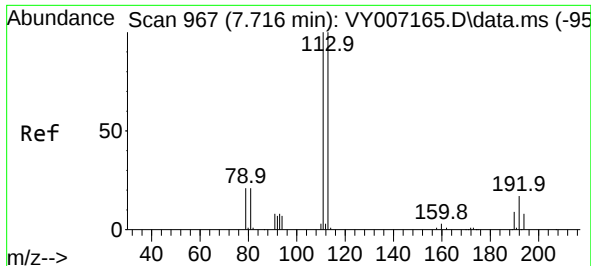
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

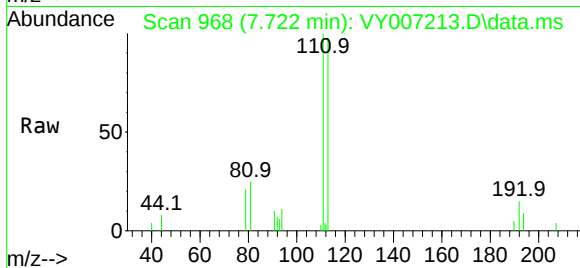
88 12.7 0.0 31.0



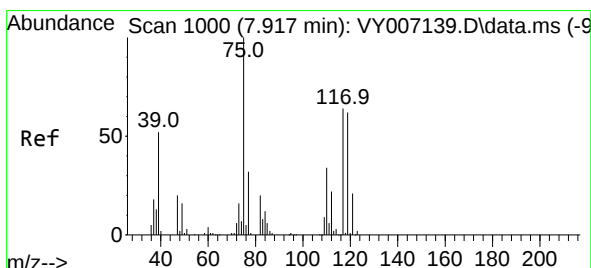
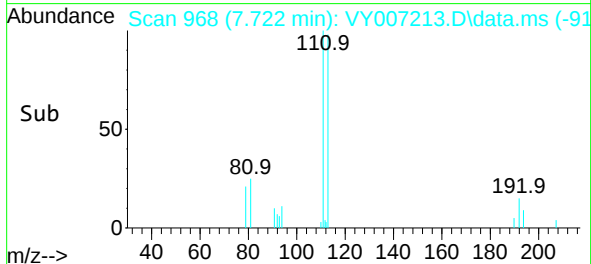
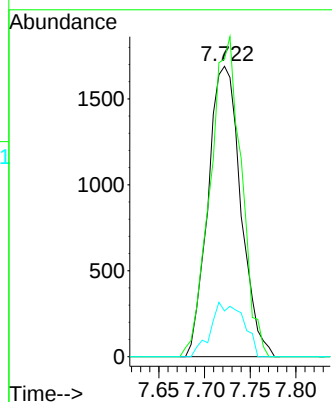


#35
Dibromofluoromethane
Concen: 49.543 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :

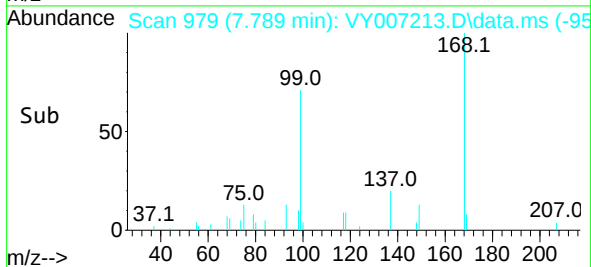
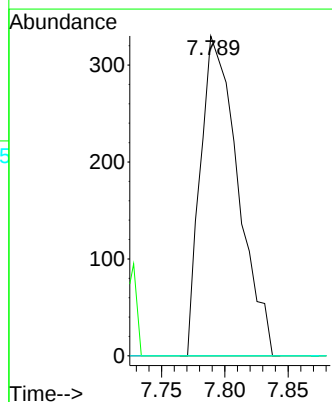
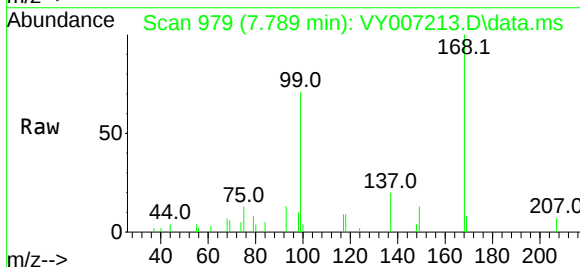


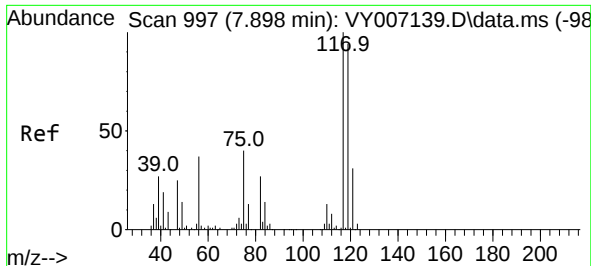
Tgt Ion:113 Resp: 4209
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 18.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

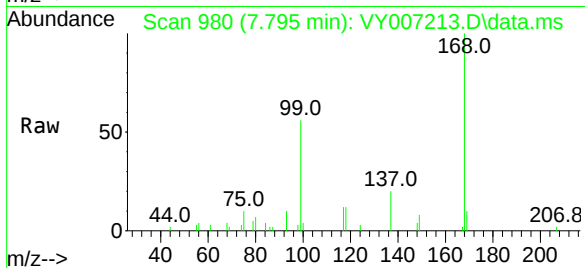
Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#



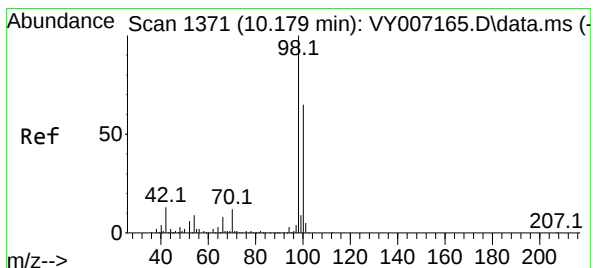
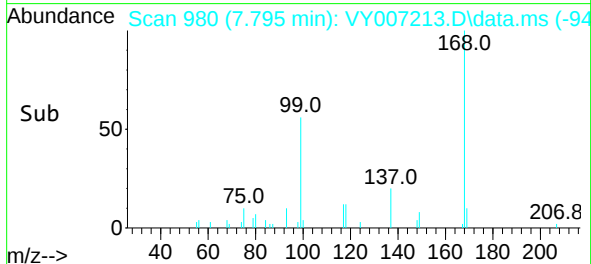
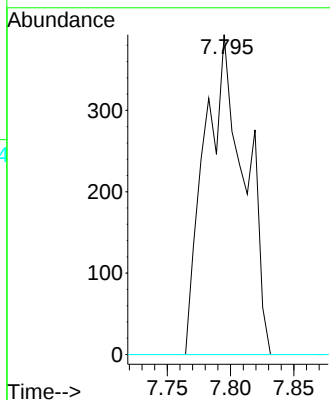


#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :

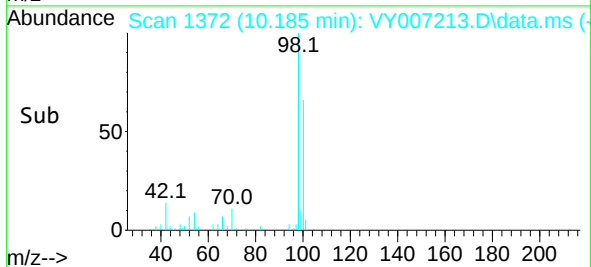
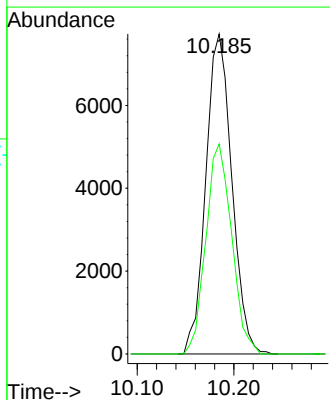
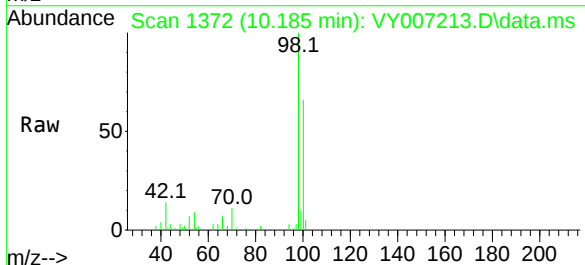


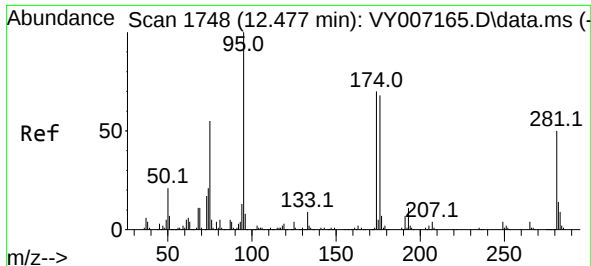
Tgt Ion:117 Resp: 865
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.498 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Tgt Ion: 98 Resp: 14434
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 46.838 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007213.D

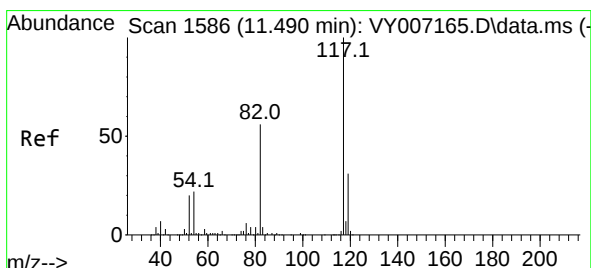
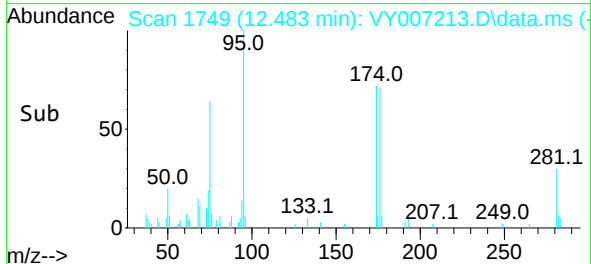
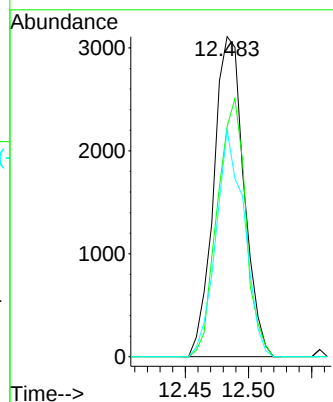
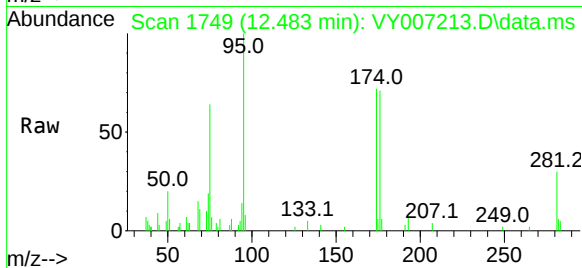
Acq: 18 Jan 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	5172
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	148.4
176	66.2	0.0	146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

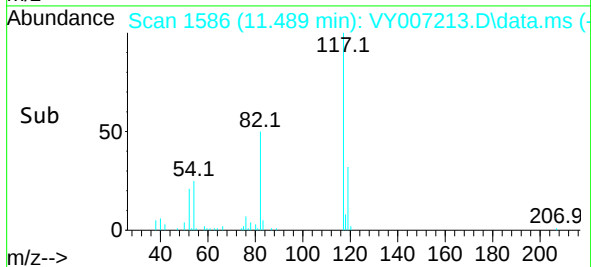
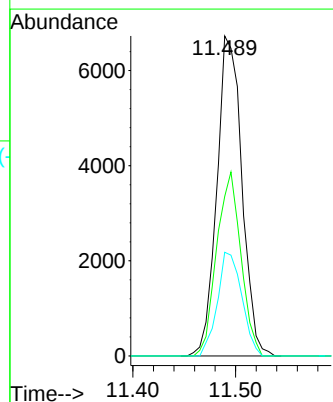
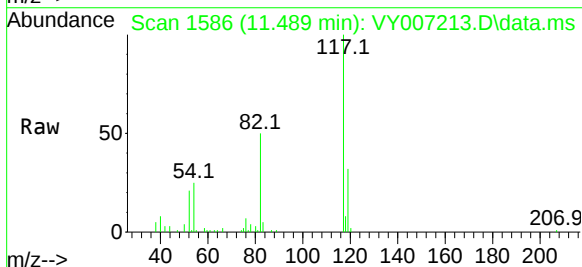
RT: 11.489 min Scan# 1586

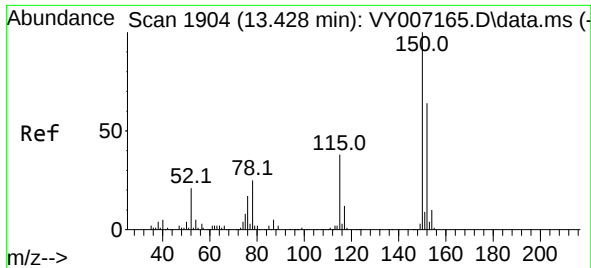
Delta R.T. 0.000 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

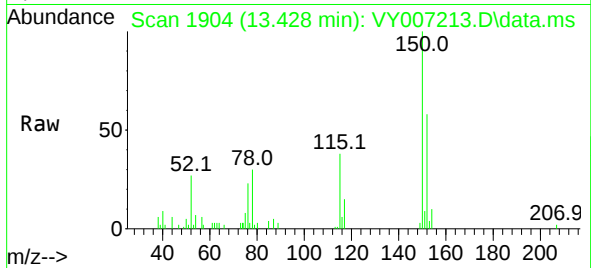
Tgt Ion:	117	Resp:	11379
Ion	Ratio	Lower	Upper
117	100		
82	49.9	45.4	68.0
119	32.4	26.4	39.6



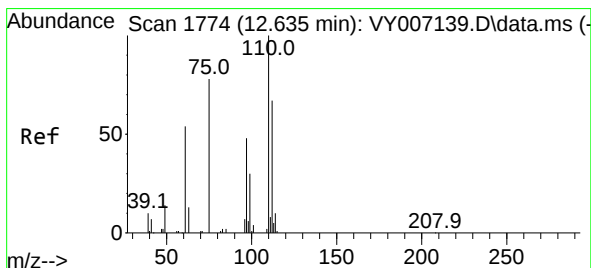
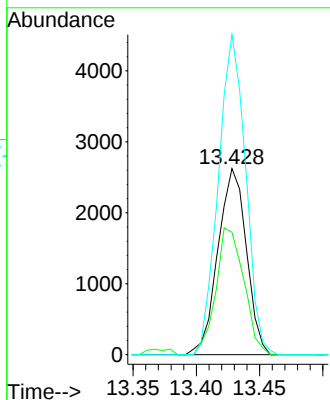
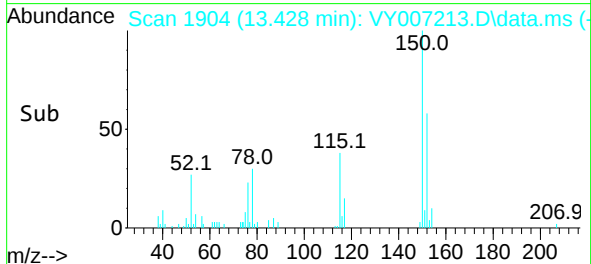


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007213.D
 Acq: 18 Jan 2022 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :

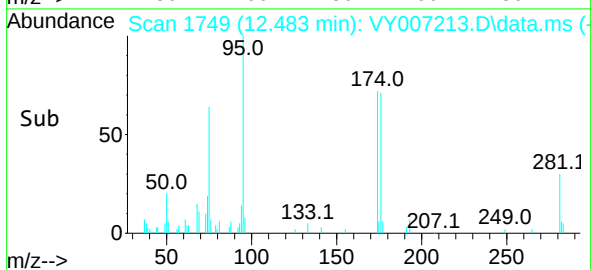
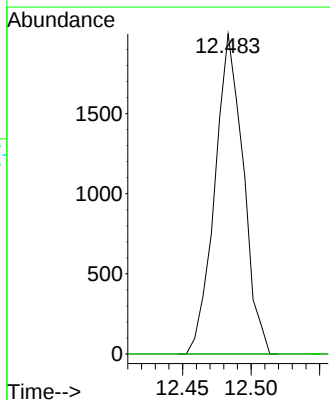
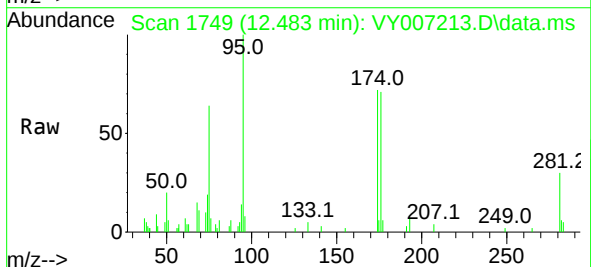


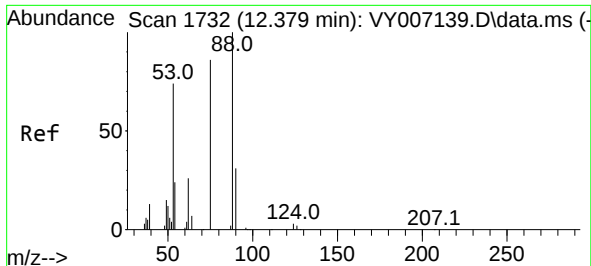
Tgt Ion:152 Resp: 4098
 Ion Ratio Lower Upper
 152 100
 115 66.9 31.4 94.0
 150 164.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 61.740 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007213.D
 Acq: 18 Jan 2022 17:24

Tgt Ion: 75 Resp: 2885
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

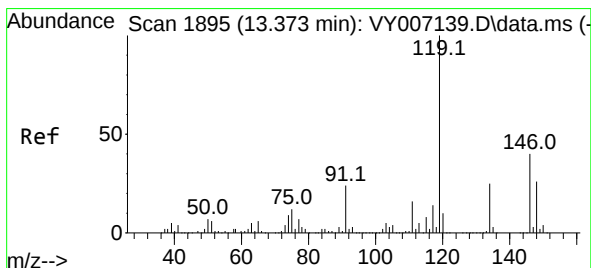
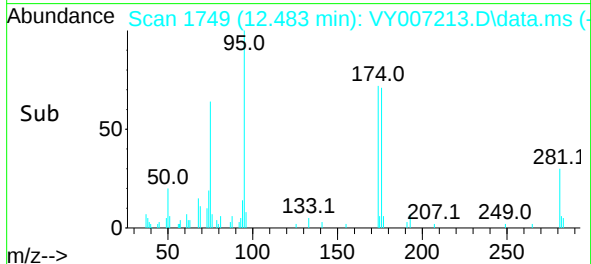
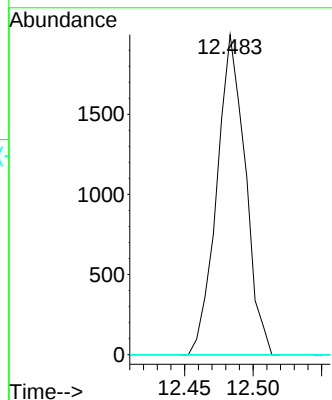
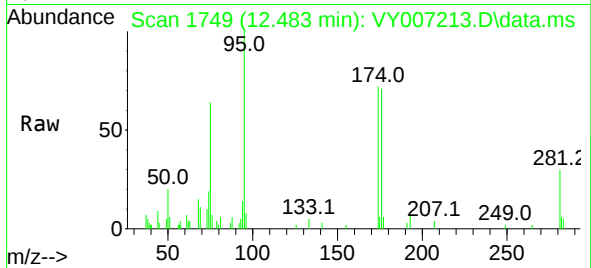




#81
trans-1,4-Dichloro-2-butene
Concen: 113.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

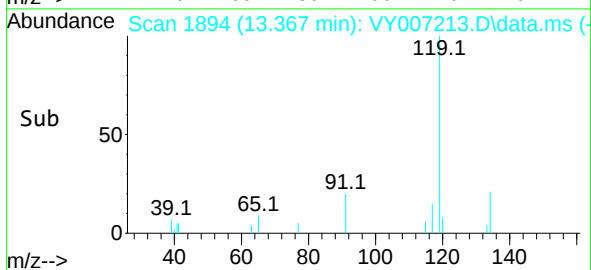
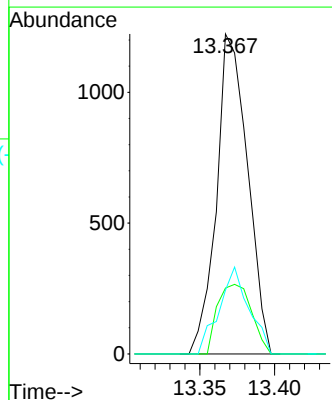
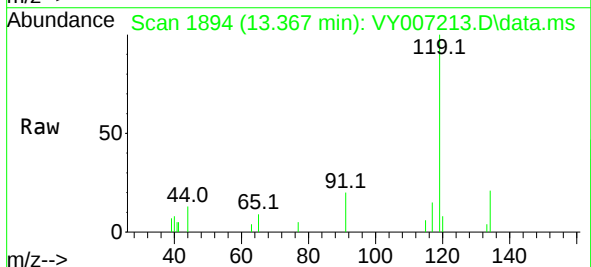
Instrument :
MSVOA_Y
ClientSampleId :

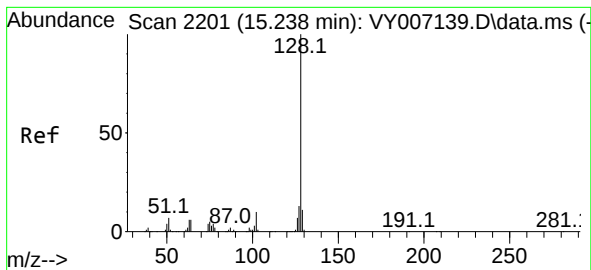
Tgt Ion: 75 Resp: 2885
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0



#86
p-Isopropyltoluene
Concen: 5.704 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

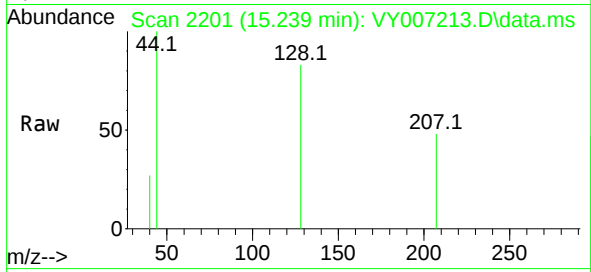
Tgt Ion: 119 Resp: 1761
Ion Ratio Lower Upper
119 100
134 23.9 12.9 38.7
91 26.2 12.4 37.2





#95
Naphthalene
Concen: 1.501 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	260
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.9	13.3#

