

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007046.D
 Acq On : 06 Jan 2022 20:37
 Operator : SY/MD
 Sample : N1051-05
 Misc : 6.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	136238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100427	62.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.900%
35) Dibromofluoromethane	7.722	113	86324	50.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.185	98	318688	50.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.483	95	123082	51.600	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.200%

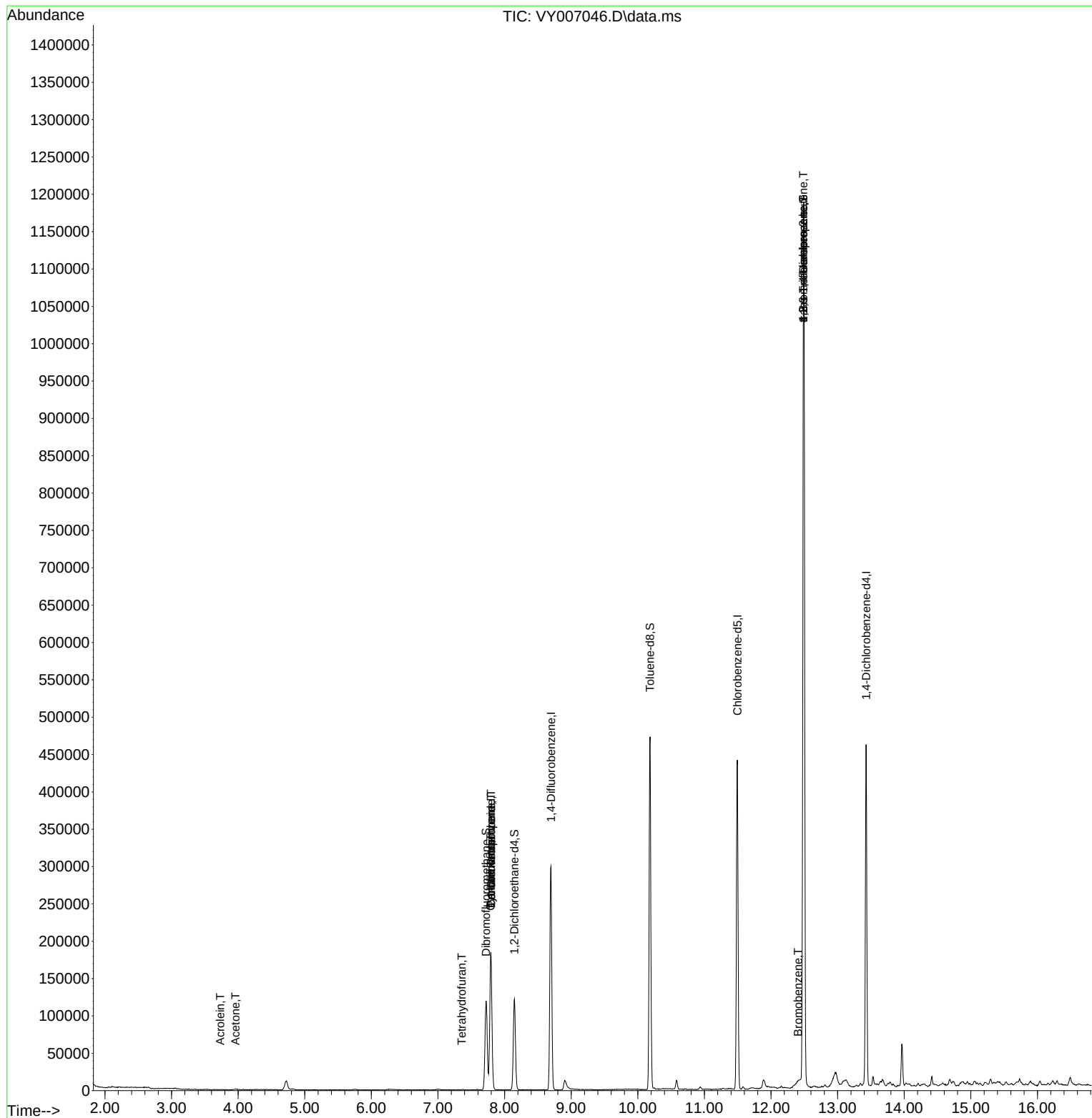
Target Compounds					Qvalue	
13) Acrolein	3.729	56	49	1.092	ug/l #	1
16) Acetone	3.960	43	1972	5.566	ug/l	91
20) Methylene Chloride	4.722	84	9433	Below Cal		95
29) Tetrahydrofuran	7.356	42	526	1.388	ug/l #	56
31) Cyclohexane	7.789	56	3128	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11859	4.174	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14744	4.962	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	72213	51.857	ug/l #	100
77) Bromobenzene	12.404	156	5687	2.659	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	72213	94.713	ug/l #	5

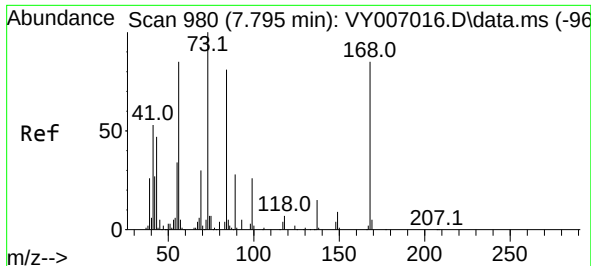
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 11:49:51 2022
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Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
Response via : Initial Calibration

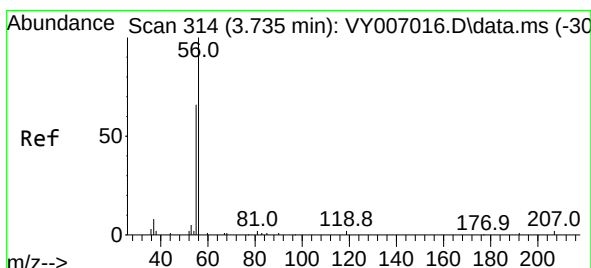
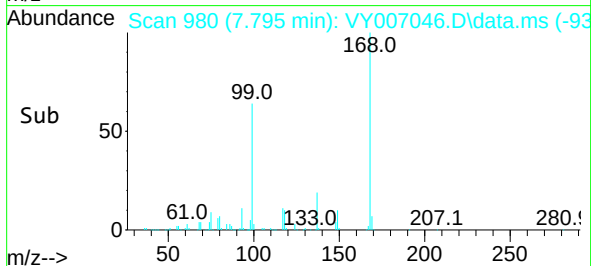
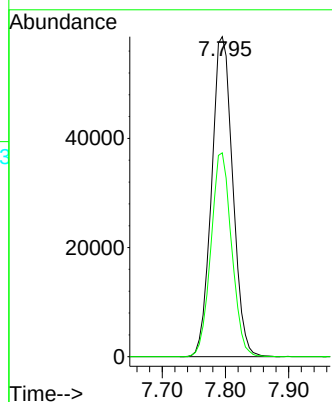
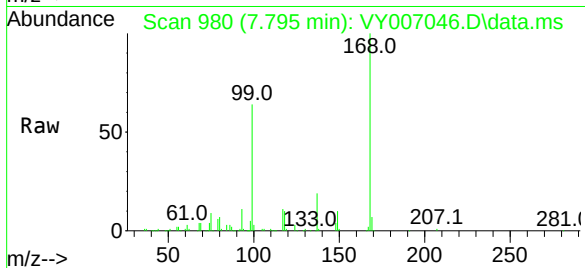




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

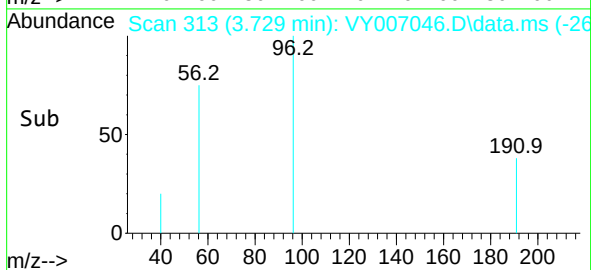
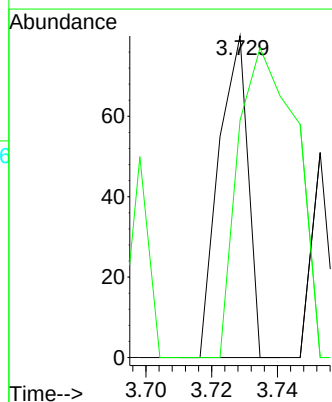
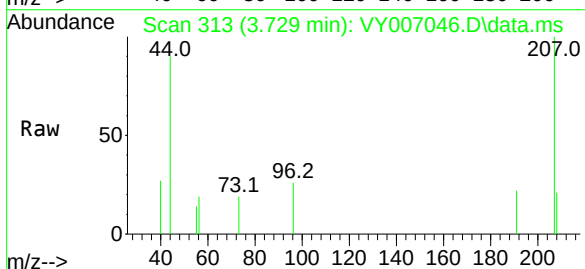
Instrument :
MSVOA_Y
ClientSampleId :

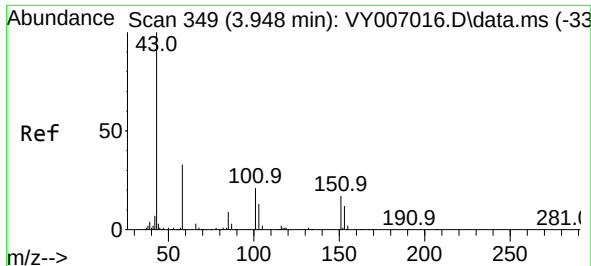
Tgt Ion:168 Resp: 136238
Ion Ratio Lower Upper
168 100
99 63.7 48.9 73.3



#13
Acrolein
Concen: 1.092 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

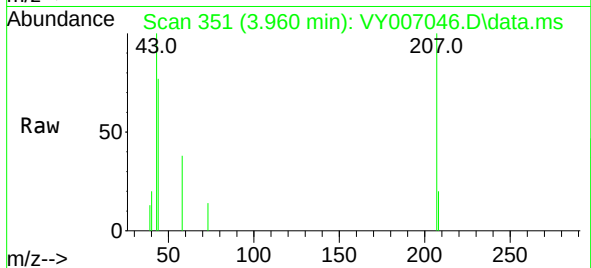
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 193.9 54.6 82.0#



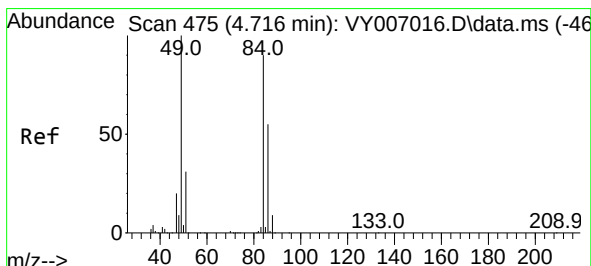
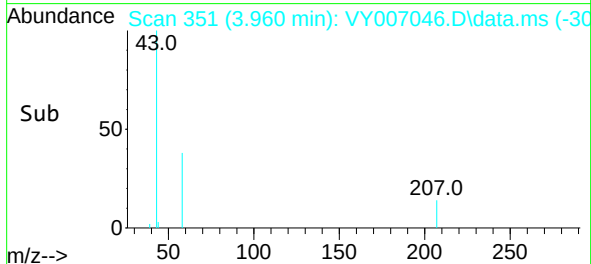
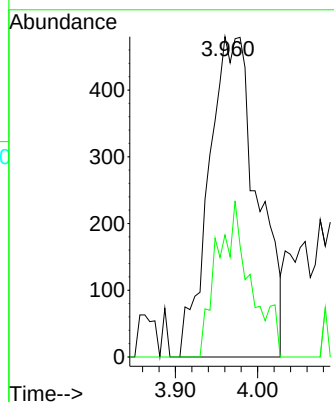


#16
Acetone
Concen: 5.566 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :

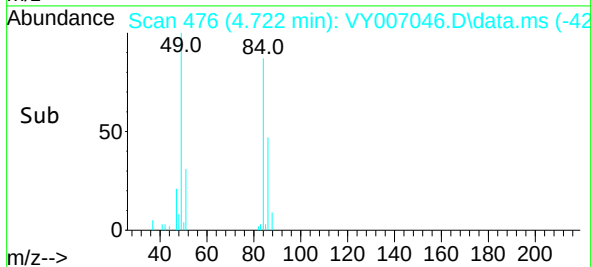
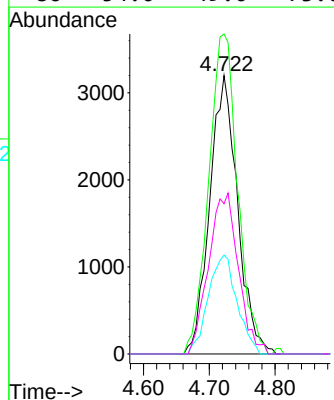
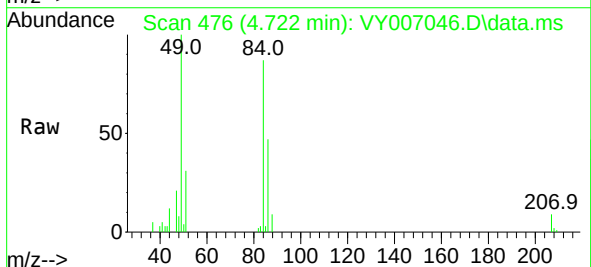


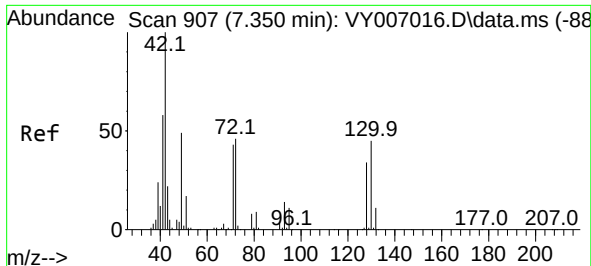
Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
58 38.1 26.3 39.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion: 84 Resp: 9433
Ion Ratio Lower Upper
84 100
49 114.9 89.4 134.0
51 35.5 27.7 41.5
86 54.0 49.0 73.6





#29

Tetrahydrofuran

Concen: 1.388 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

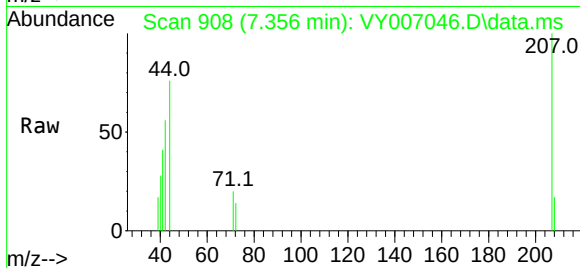
Lab File: VY007046.D

Acq: 06 Jan 2022 20:37

Instrument :

MSVOA_Y

ClientSampleId :



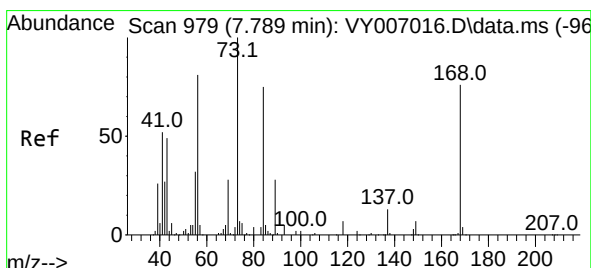
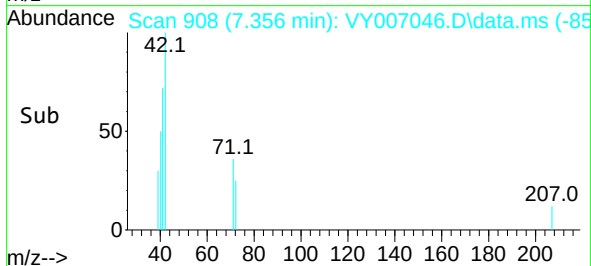
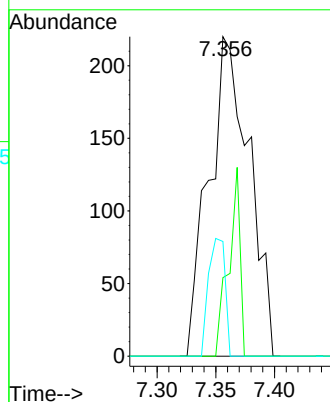
Tgt Ion: 42 Resp: 526

Ion Ratio Lower Upper

42 100

72 16.7 37.1 55.7#

71 15.0 34.6 52.0#



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY007046.D

Acq: 06 Jan 2022 20:37

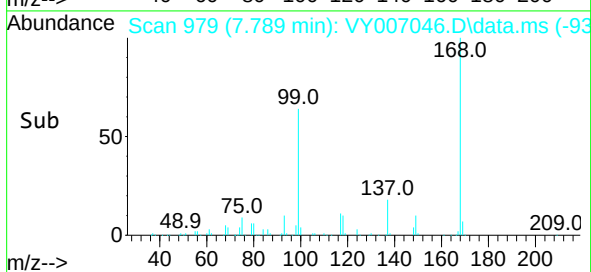
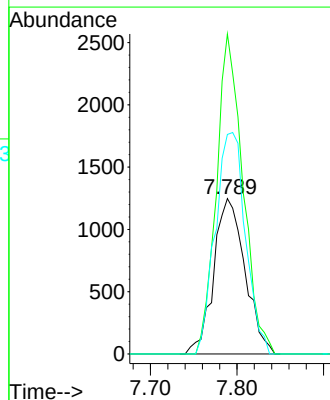
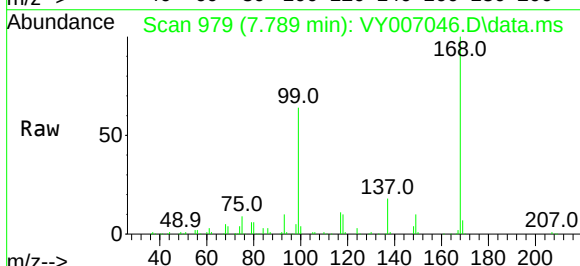
Tgt Ion: 56 Resp: 3128

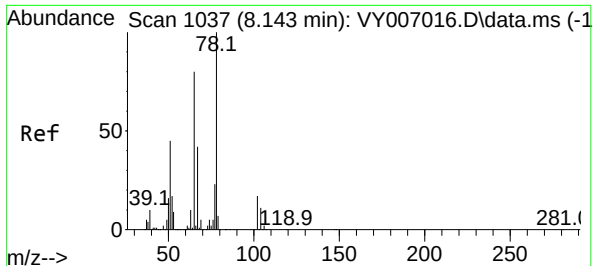
Ion Ratio Lower Upper

56 100

69 206.0 27.8 41.6#

84 141.3 74.1 111.1#





#33

1,2-Dichloroethane-d4

Concen: 62.448 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY007046.D

Acq: 06 Jan 2022 20:37

Instrument :

MSVOA_Y

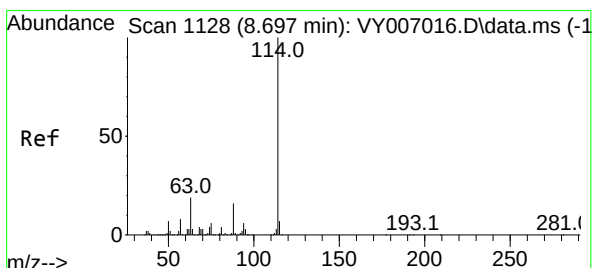
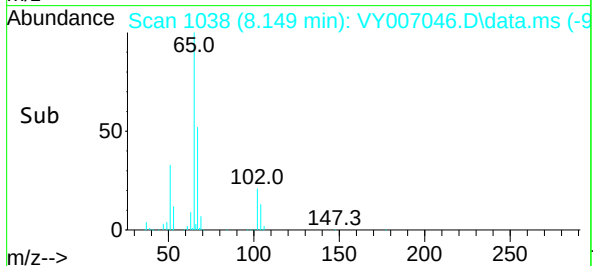
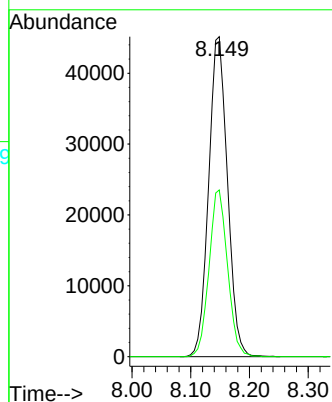
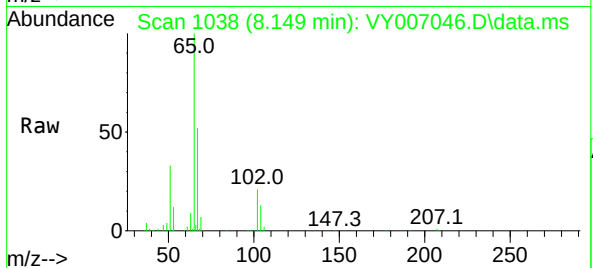
ClientSampleId :

Tgt Ion: 65 Resp: 100427

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007046.D

Acq: 06 Jan 2022 20:37

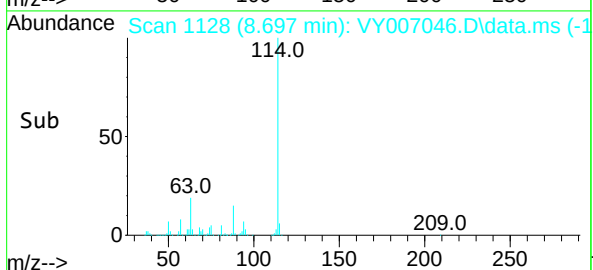
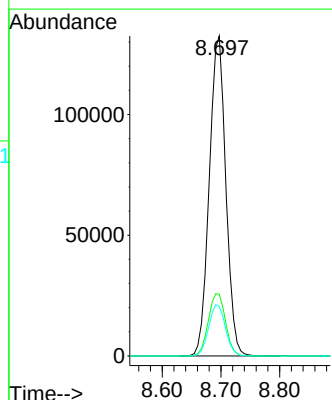
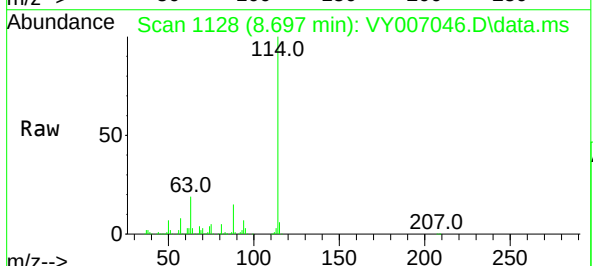
Tgt Ion: 114 Resp: 259327

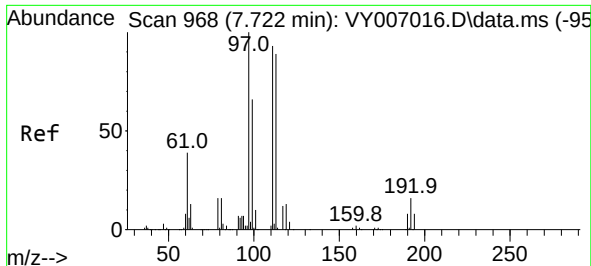
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 15.5 0.0 31.8

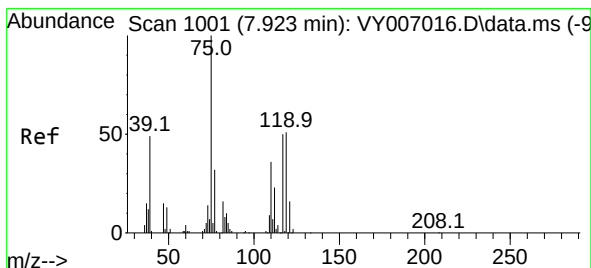
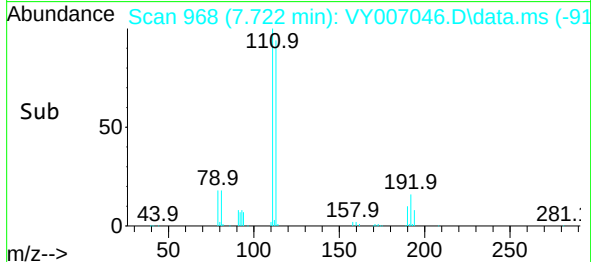
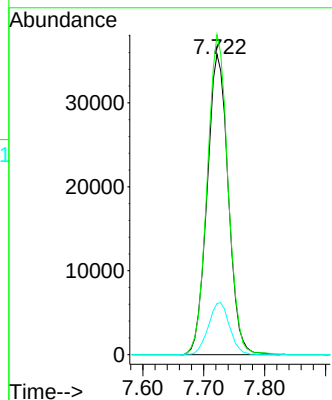
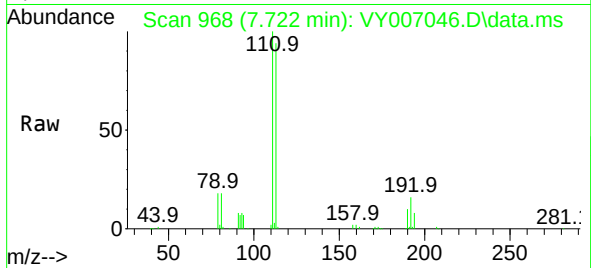




#35
Dibromofluoromethane
Concen: 50.640 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

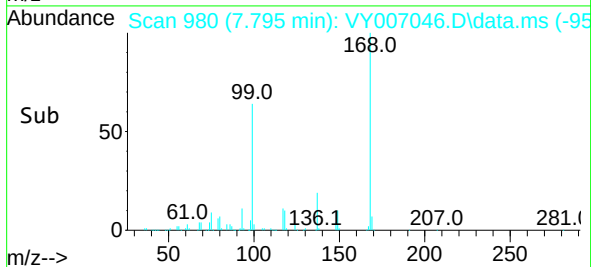
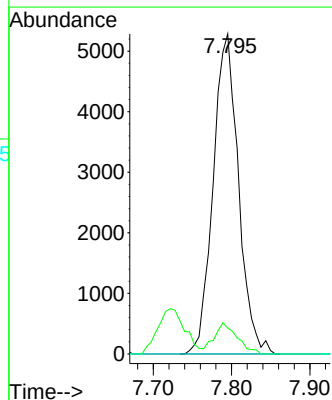
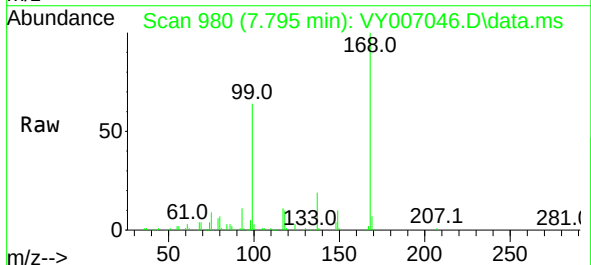
Instrument :
MSVOA_Y
ClientSampleId :

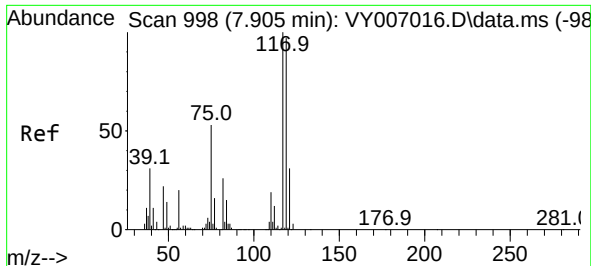
Tgt Ion:113 Resp: 86324
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 17.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.174 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

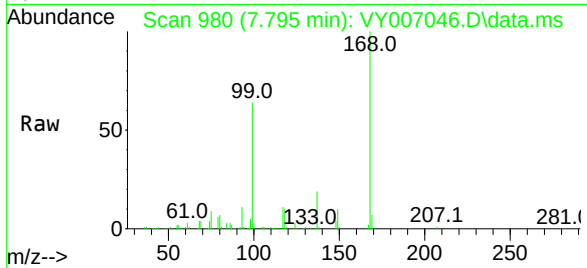
Tgt Ion: 75 Resp: 11859
Ion Ratio Lower Upper
75 100
110 8.7 18.0 54.0#
77 0.0 25.4 38.2#



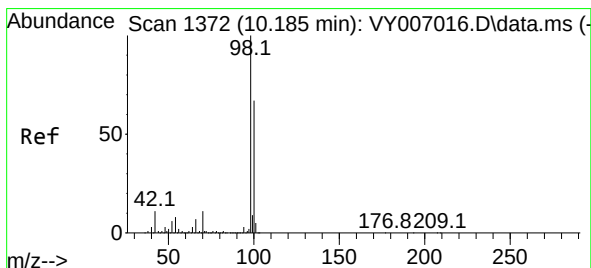
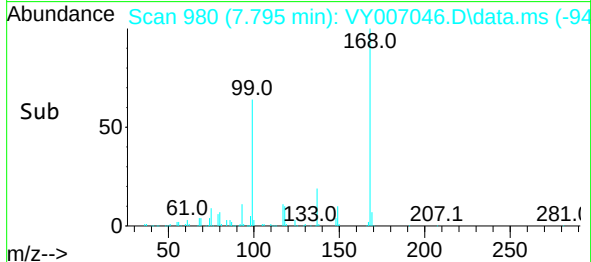
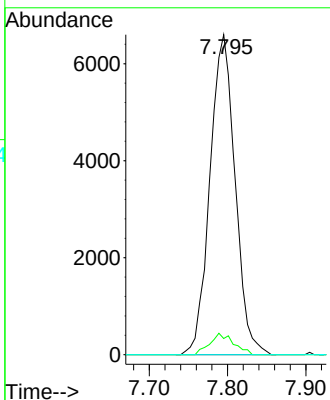


#38
Carbon Tetrachloride
Concen: 4.962 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :

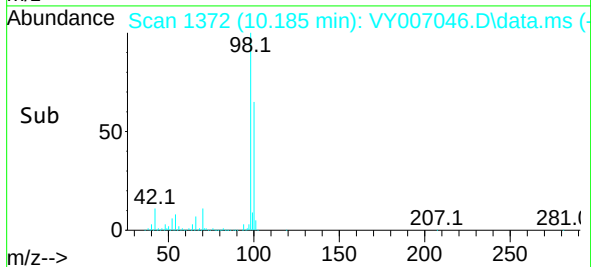
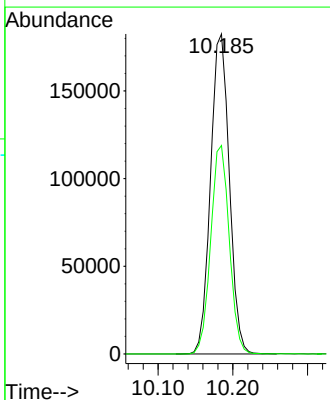
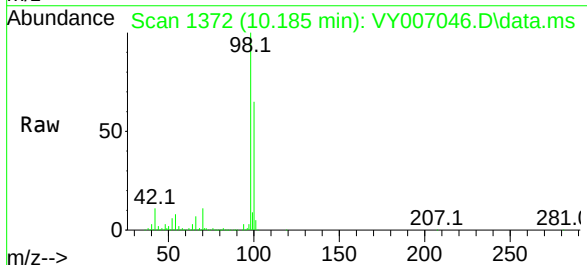


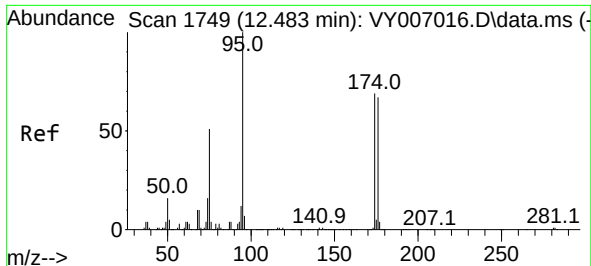
Tgt Ion:117 Resp: 14744
Ion Ratio Lower Upper
117 100
119 5.1 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.317 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion: 98 Resp: 318688
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2

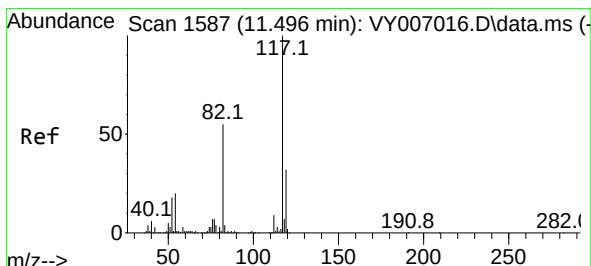
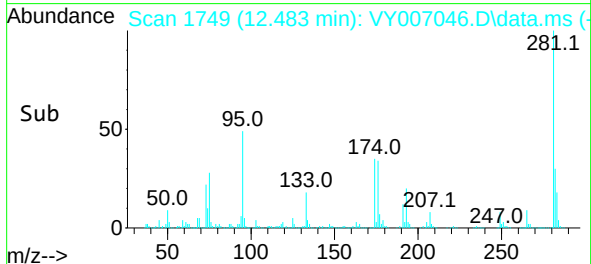
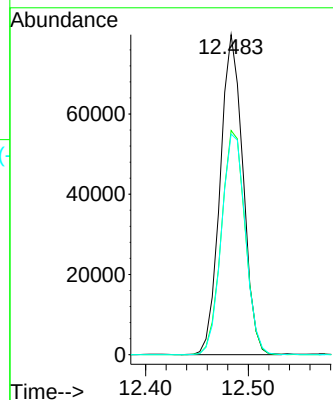
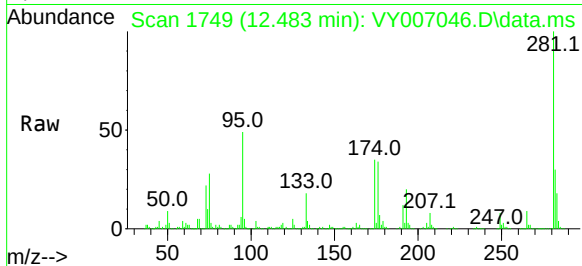




#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

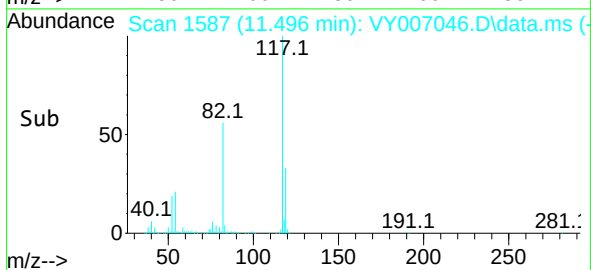
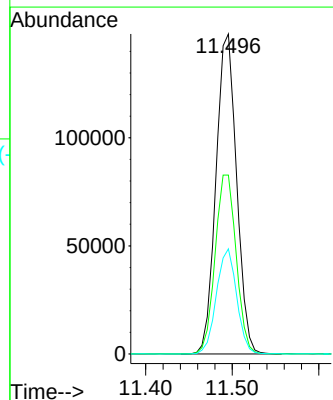
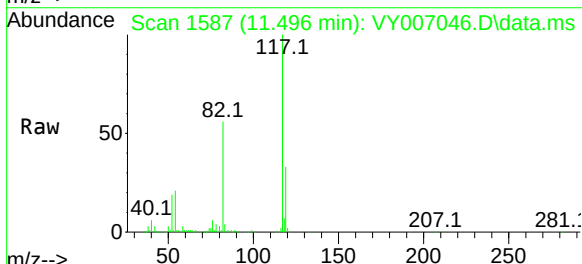
Instrument :
MSVOA_Y
ClientSampleId :

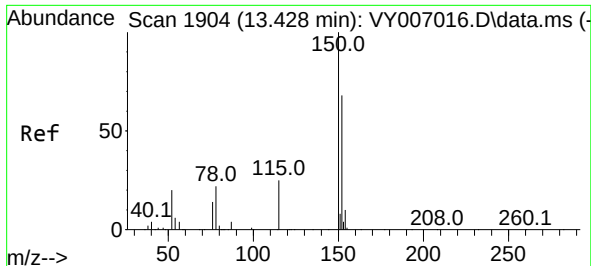
Tgt Ion: 95 Resp: 123082
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 72.2 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion: 117 Resp: 244652
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.9 25.3 37.9

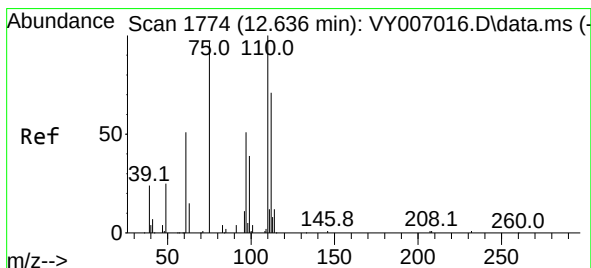
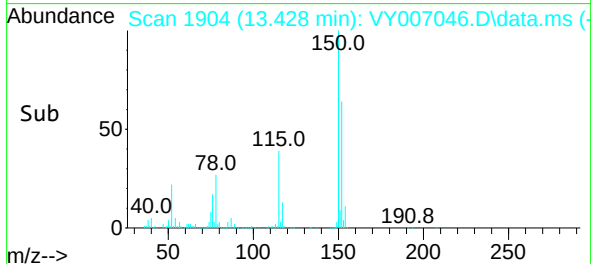
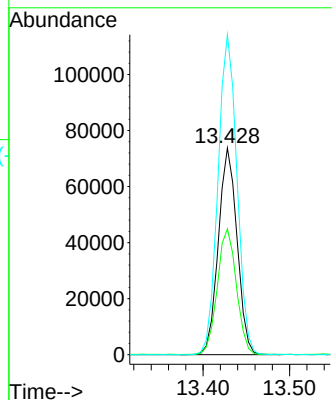
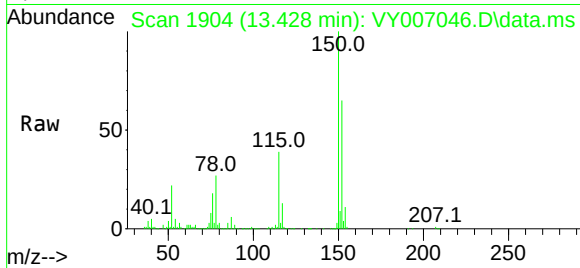




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007046.D
 Acq: 06 Jan 2022 20:37

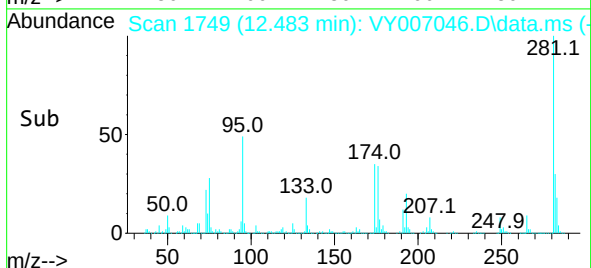
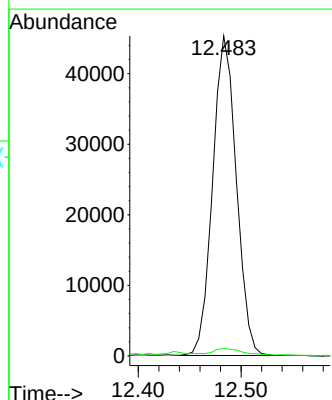
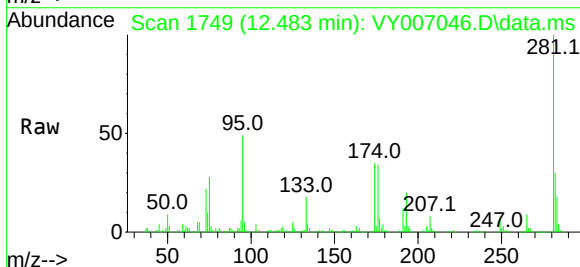
Instrument :
 MSVOA_Y
 ClientSampleId :

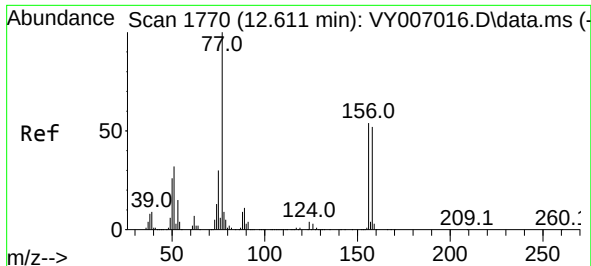
Tgt Ion:152 Resp: 110554
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.9 95.5
 150 157.0 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 51.857 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007046.D
 Acq: 06 Jan 2022 20:37

Tgt Ion: 75 Resp: 72213
 Ion Ratio Lower Upper
 75 100
 77 3.4 0.0 0.0#

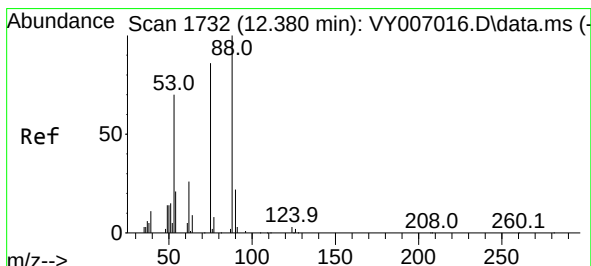
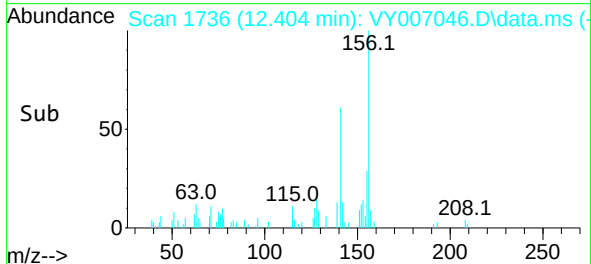
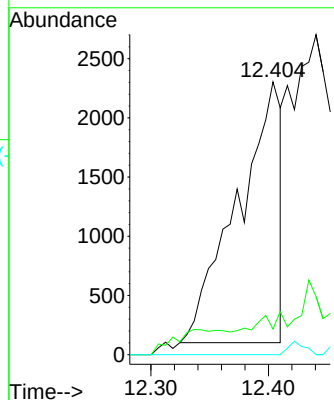
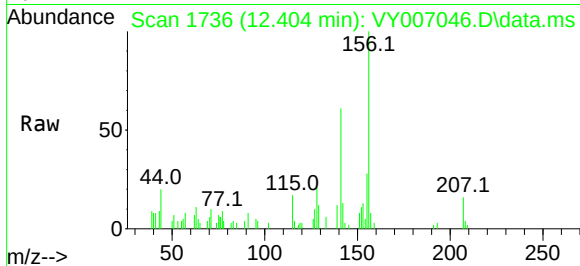




#77
Bromobenzene
Concen: 2.659 ug/l
RT: 12.404 min Scan# 1749
Delta R.T. -0.207 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 5687
Ion Ratio Lower Upper
156 100
77 3.6 99.5 298.5#
158 0.0 47.9 143.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.713 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion: 75 Resp: 72213
Ion Ratio Lower Upper
75 100
53 0.2 72.2 108.4#
89 5.4 0.0 0.0#

