

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007256.D
 Acq On : 21 Jan 2022 16:29
 Operator : SY/MD
 Sample : N1237-01
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 22 00:24:19 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)

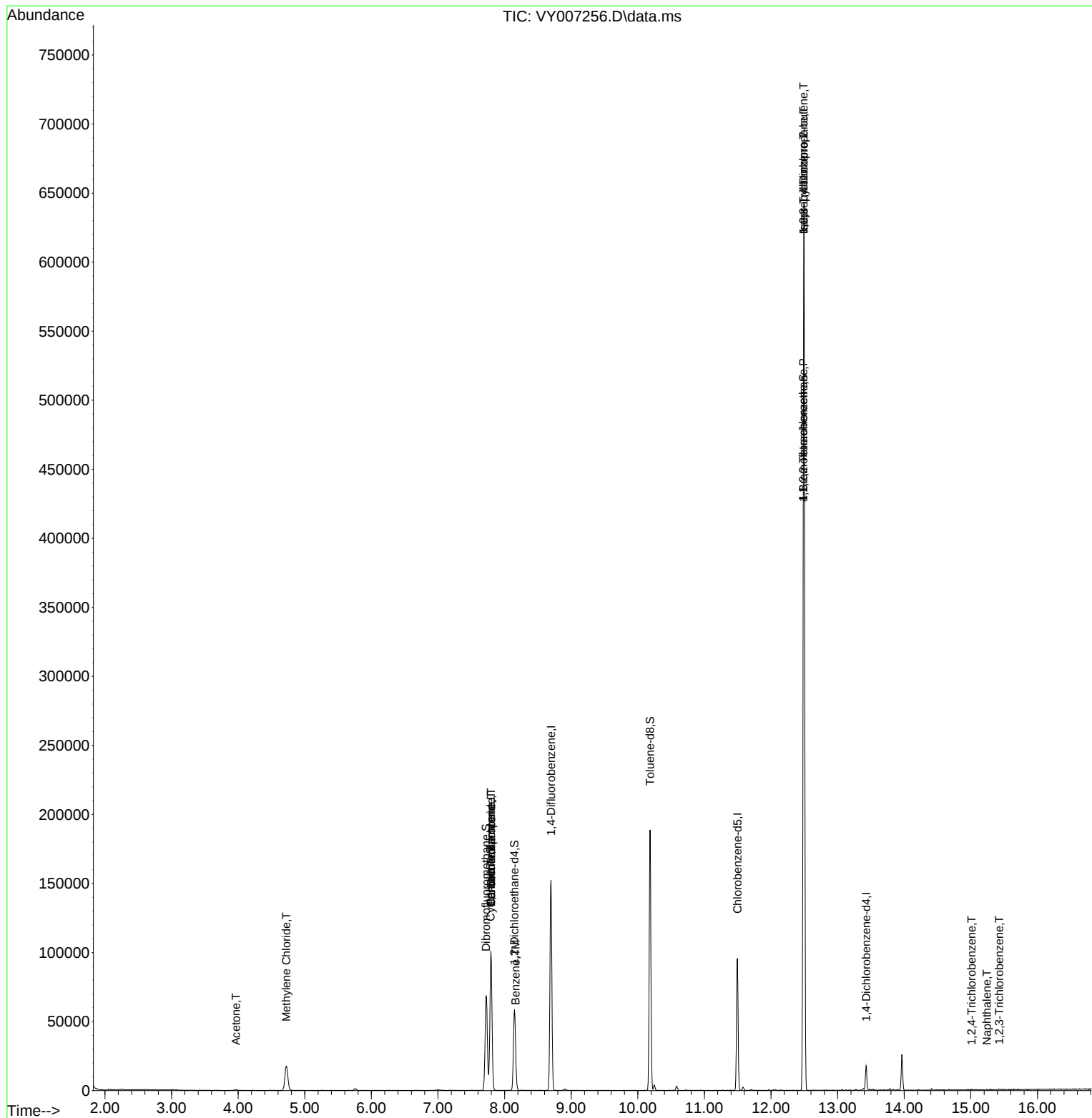
Internal Standards						
1) Pentafluorobenzene	7.795	168	73050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	127868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	51784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45354	50.600	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.200%			
35) Dibromofluoromethane	7.722	113	49915	57.730	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.460%			
50) Toluene-d8	10.185	98	124271	39.335	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 78.680%			
62) 4-Bromofluorobenzene	12.483	95	9744	8.671	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 17.340%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.985	59	22	Below Cal	#	73
16) Acetone	3.966	43	1158	4.978	ug/l	89
20) Methylene Chloride	4.722	84	13655	14.196	ug/l	95
31) Cyclohexane	7.789	56	1845	1.218	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	6301	4.563	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7895	5.435	ug/l #	15
40) Benzene	8.167	78	5110	1.387	ug/l #	86
73) Isopropylbenzene	12.489	105	1891	5.192	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.483	83	180	2.541	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	11622	241.698	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	11622	442.481	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.013	180	110	1.311	ug/l #	34
95) Naphthalene	15.239	128	464	2.603	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.428	180	149	2.081	ug/l #	74

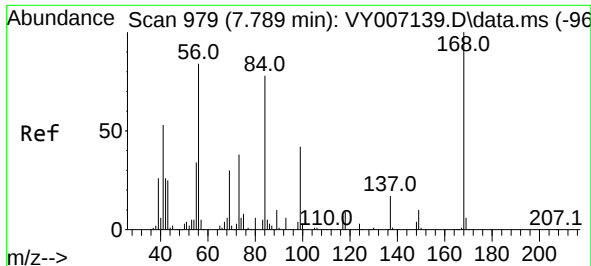
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 22 00:24:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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QLast Update : Fri Jan 14 05:48:29 2022
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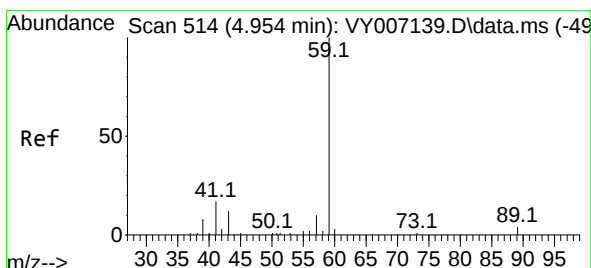
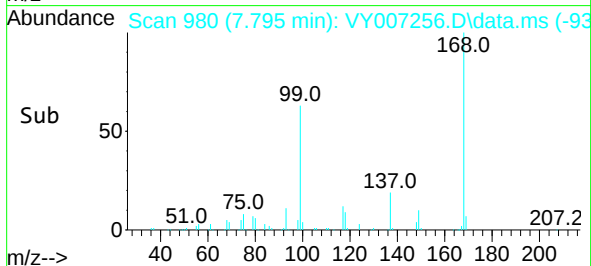
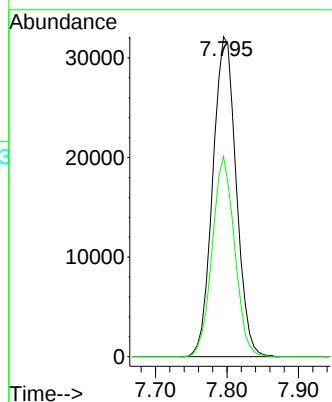
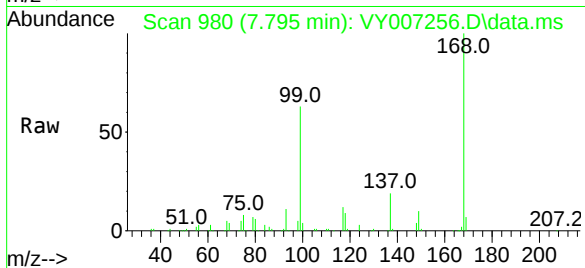




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

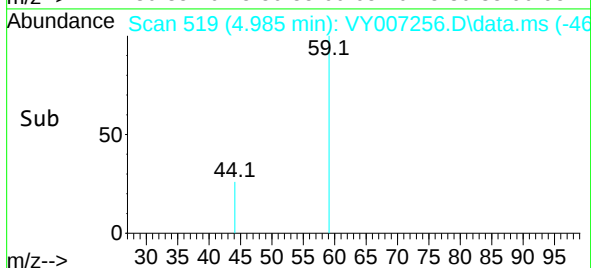
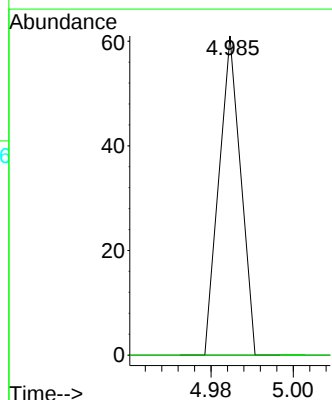
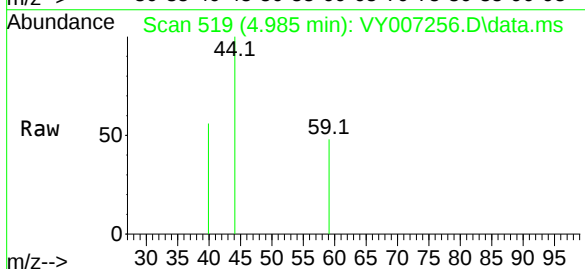
Instrument :
MSVOA_Y
ClientSampleId :

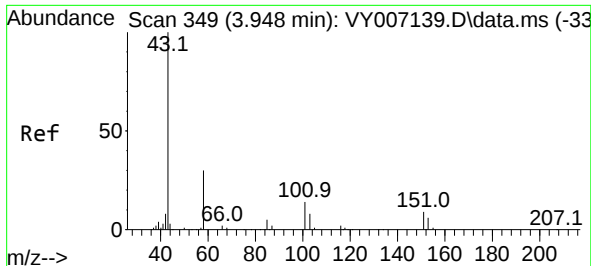
Tgt Ion:168 Resp: 73050
Ion Ratio Lower Upper
168 100
99 62.5 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.031 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

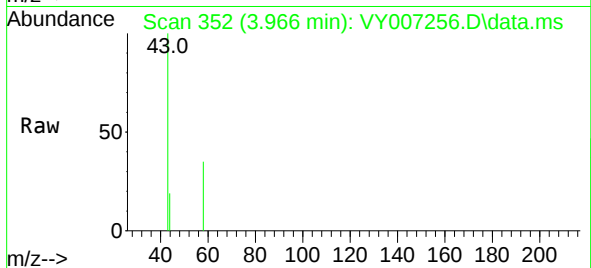
Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



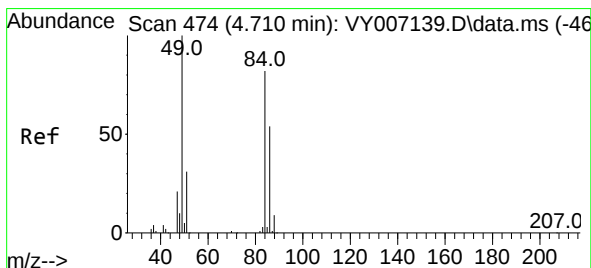
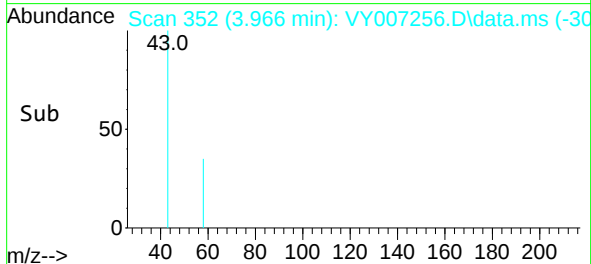
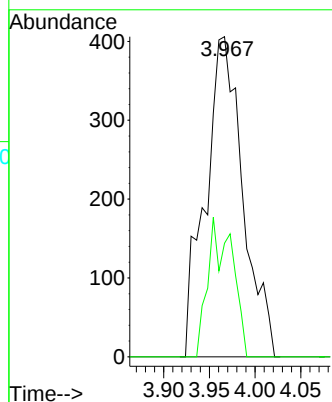


#16
Acetone
Concen: 4.978 ug/l
RT: 3.966 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :

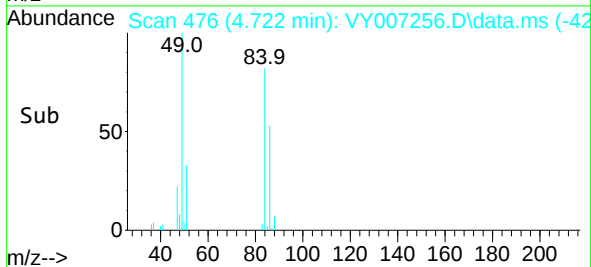
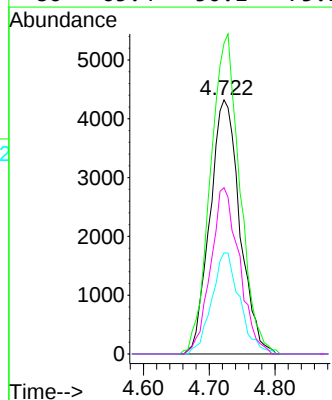
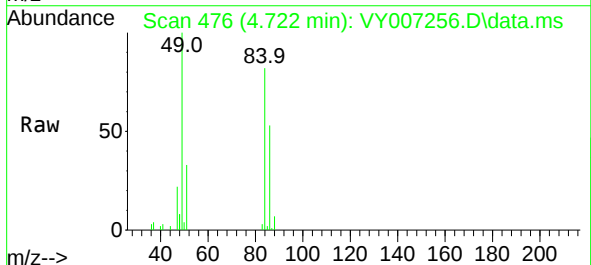


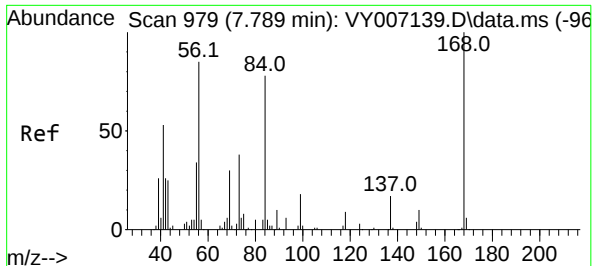
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 35.5 23.8 35.6



#20
Methylene Chloride
Concen: 14.196 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

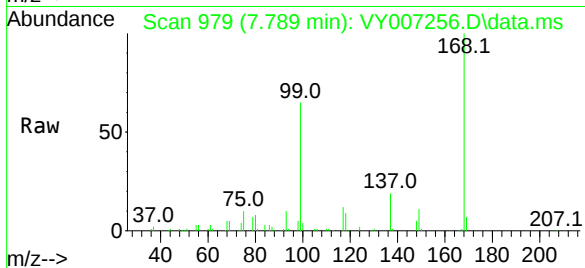
Tgt Ion: 84 Resp: 13655
Ion Ratio Lower Upper
84 100
49 122.4 92.6 139.0
51 39.8 28.6 42.8
86 65.4 50.1 75.1



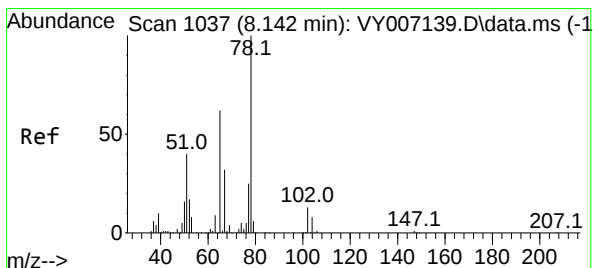
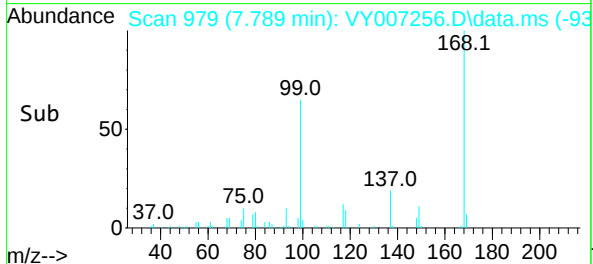
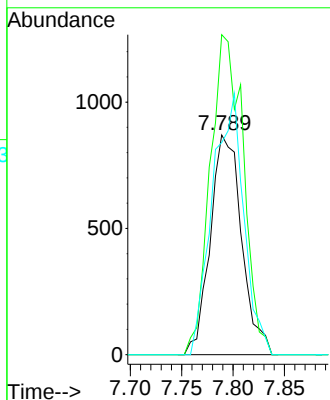


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :

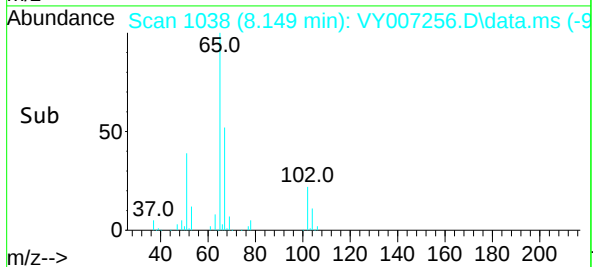
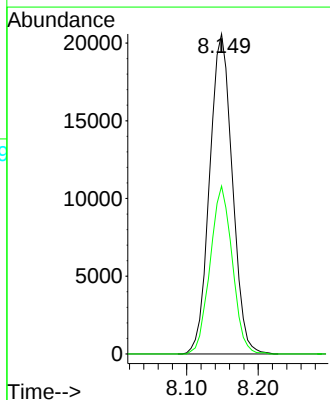
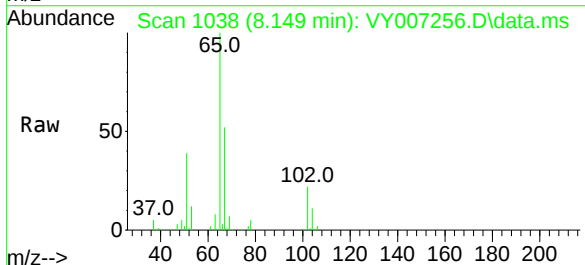


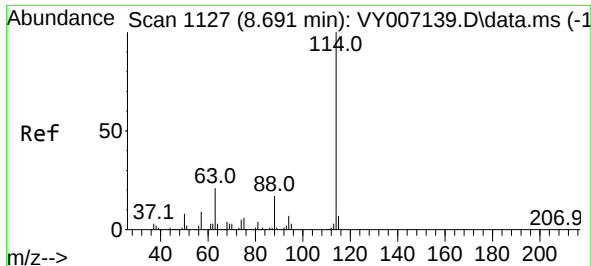
Tgt Ion: 56 Resp: 1845
Ion Ratio Lower Upper
56 100
69 145.6 27.2 40.8#
84 96.6 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 50.600 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

Tgt Ion: 65 Resp: 45354
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6

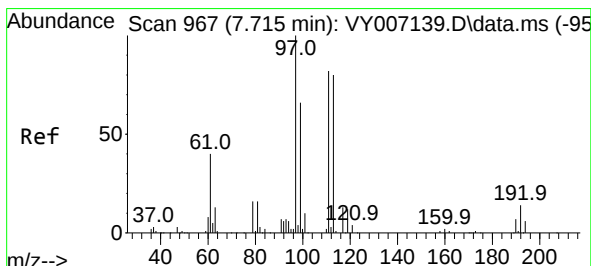
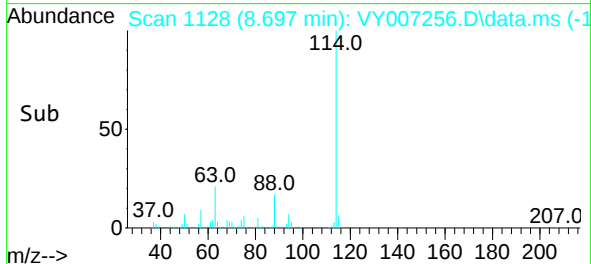
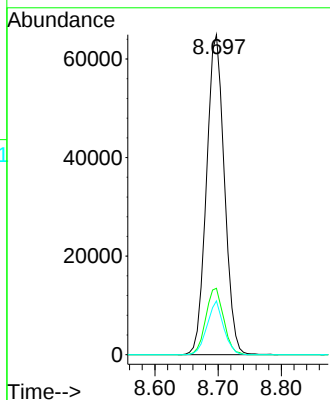
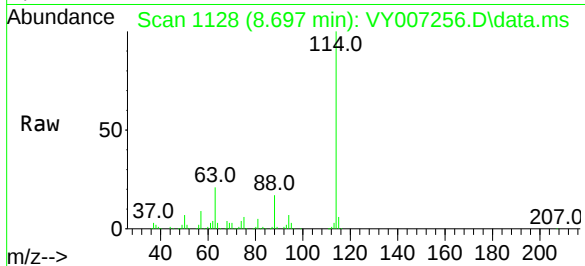




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.007 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

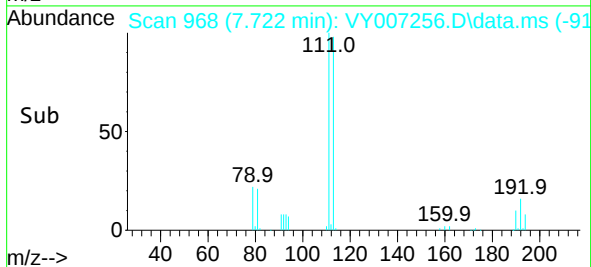
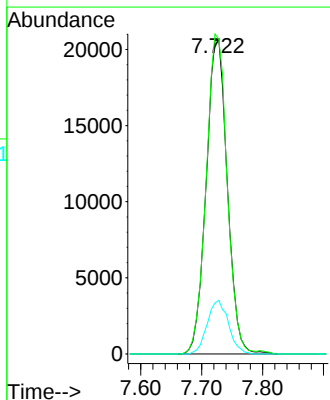
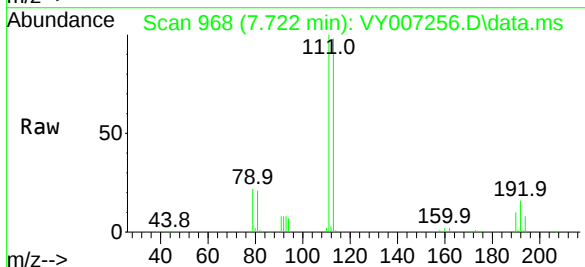
Instrument :
MSVOA_Y
ClientSampleId :

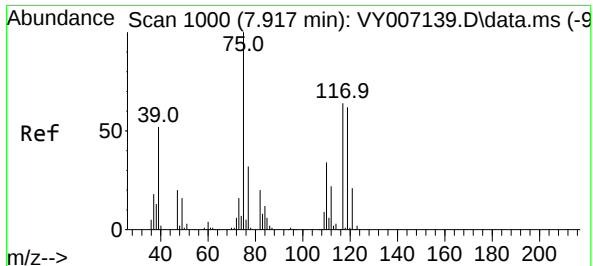
Tgt Ion:114 Resp: 127868
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 16.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 57.730 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

Tgt Ion:113 Resp: 49915
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 17.1 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.563 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.121 min

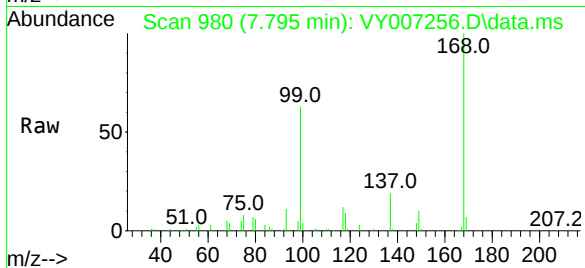
Lab File: VY007256.D

Acq: 21 Jan 2022 16:29

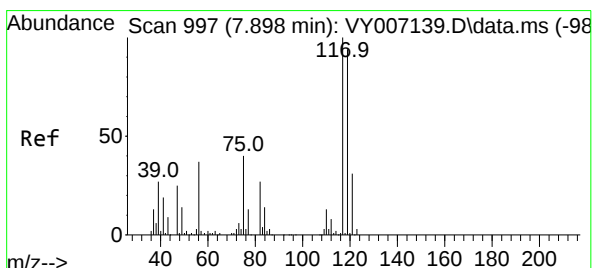
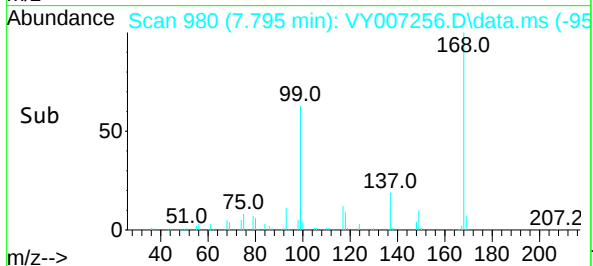
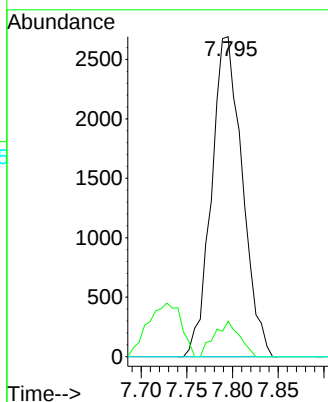
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6301
Ion Ratio	Lower Upper
75	100
110	9.1 17.3 51.9#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.435 ug/l

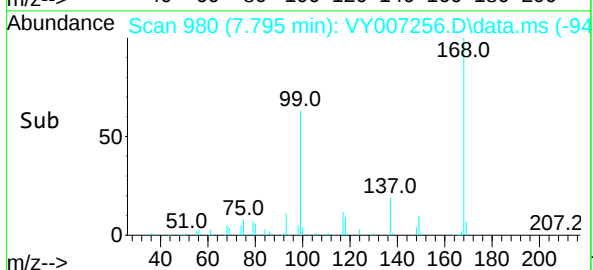
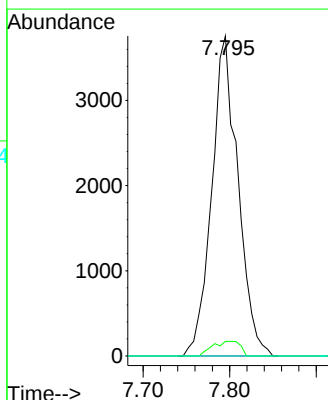
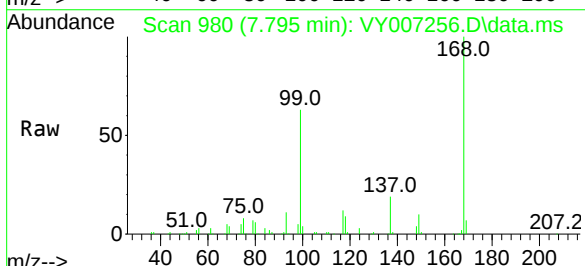
RT: 7.795 min Scan# 980

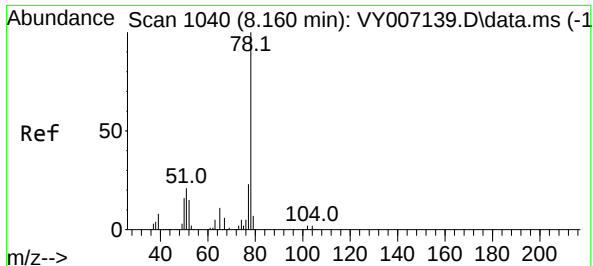
Delta R.T. -0.103 min

Lab File: VY007256.D

Acq: 21 Jan 2022 16:29

Tgt Ion: 117	Resp: 7895
Ion Ratio	Lower Upper
117	100
119	4.6 77.2 115.8#
121	0.0 24.2 36.2#

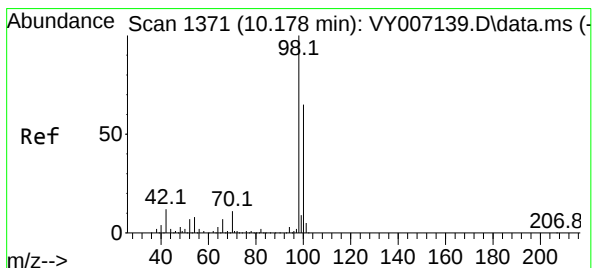
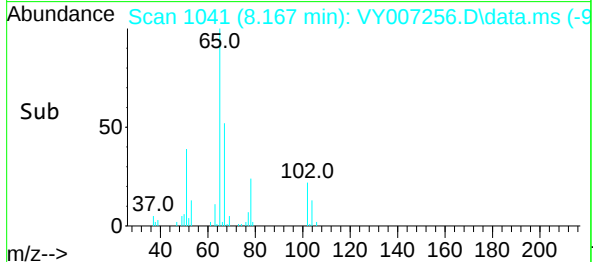
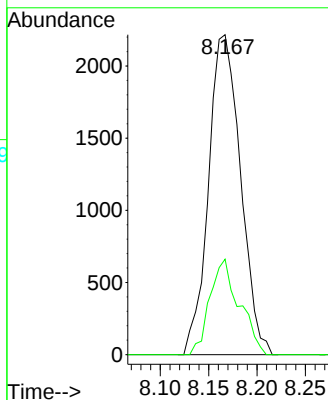
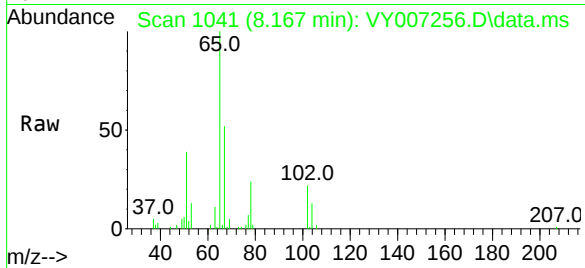




#40
Benzene
Concen: 1.387 ug/l
RT: 8.167 min Scan# 1040
Delta R.T. 0.007 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

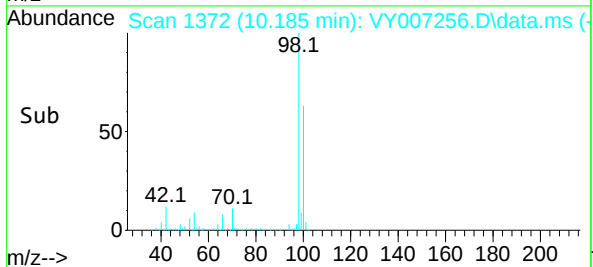
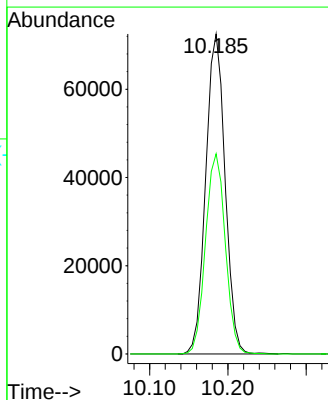
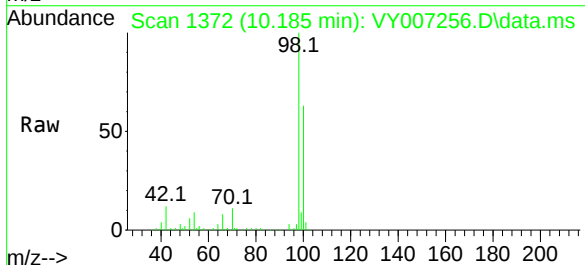
Instrument :
MSVOA_Y
ClientSampleId :

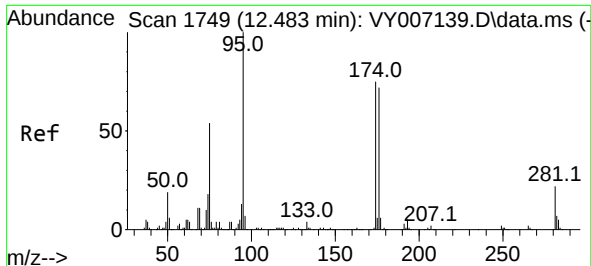
Tgt Ion: 78 Resp: 5110
Ion Ratio Lower Upper
78 100
77 29.8 18.6 27.8#



#50
Toluene-d8
Concen: 39.335 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

Tgt Ion: 98 Resp: 124271
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

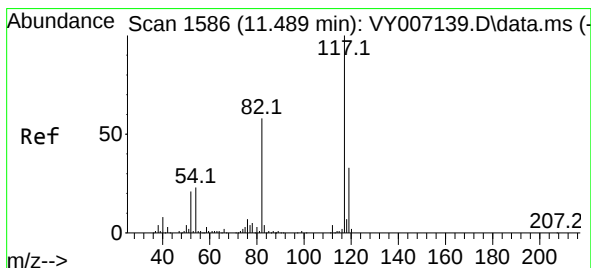
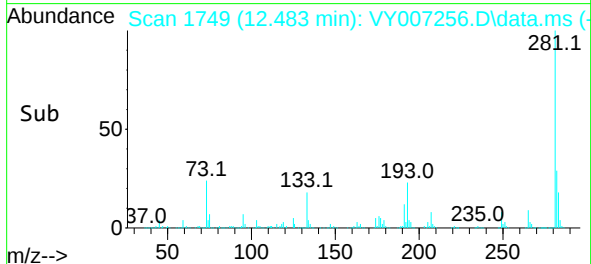
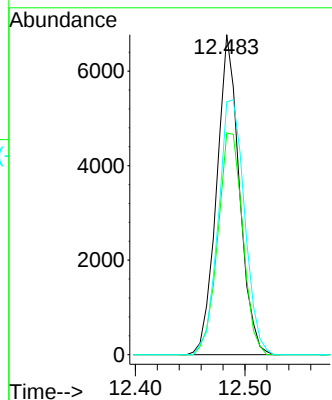
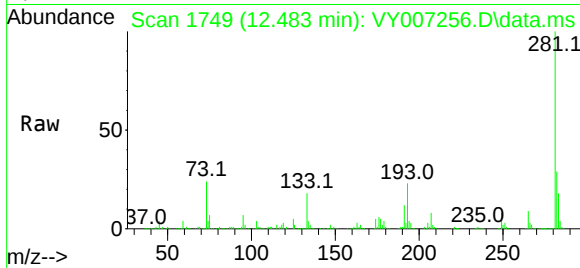




#62
4-Bromofluorobenzene
Concen: 8.671 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

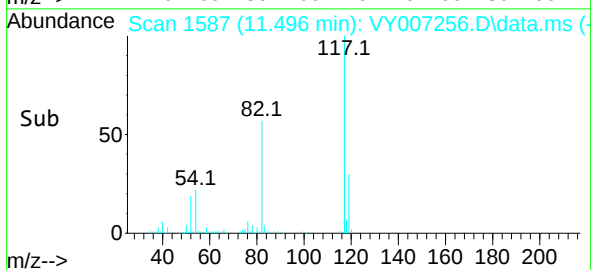
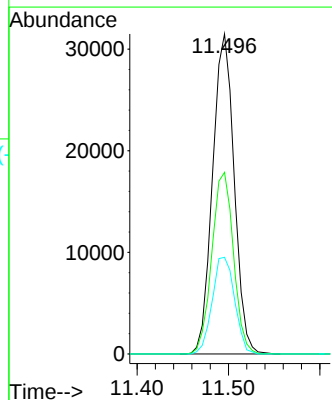
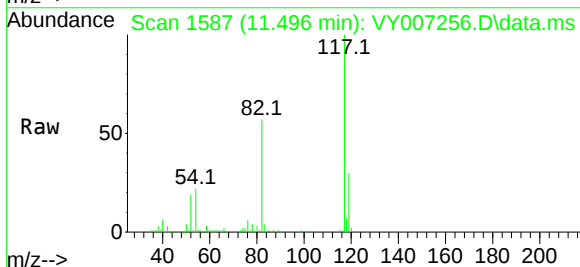
Instrument :
MSVOA_Y
ClientSampleId :

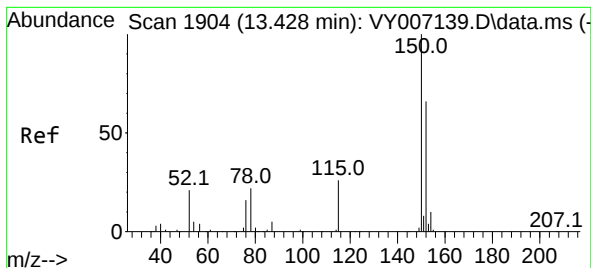
Tgt Ion: 95 Resp: 9744
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.4
176 92.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

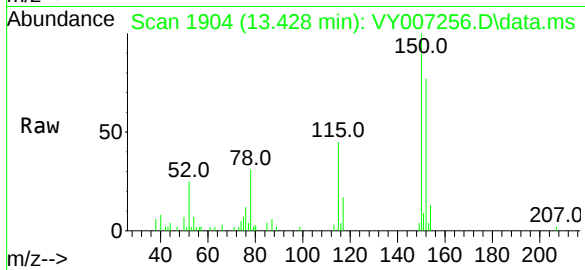
Tgt Ion: 117 Resp: 51784
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 30.2 26.4 39.6



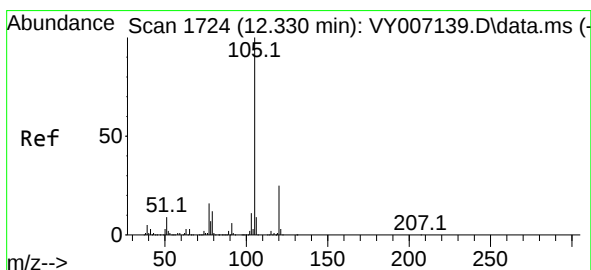
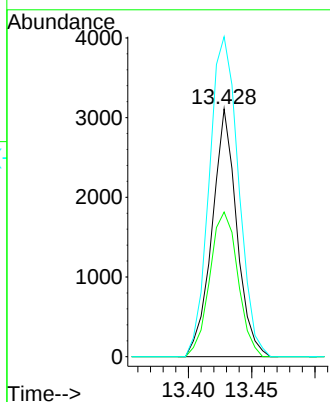
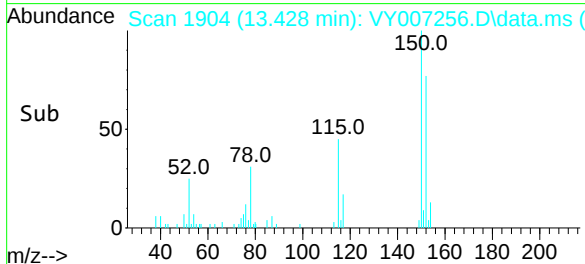


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007256.D
 Acq: 21 Jan 2022 16:29

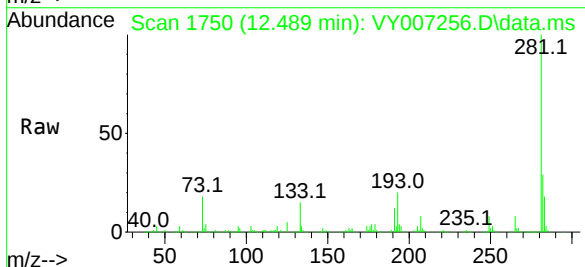
Instrument :
 MSVOA_Y
 ClientSampleId :



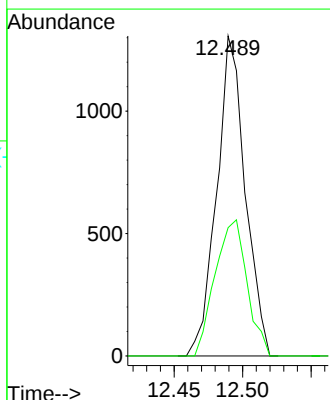
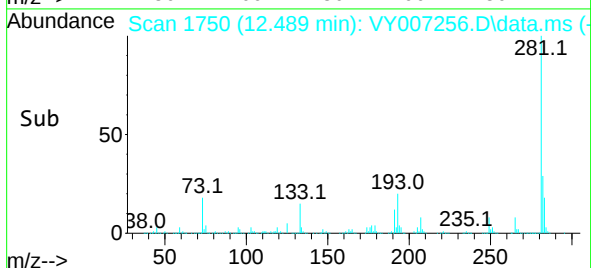
Tgt Ion:152 Resp: 4217
 Ion Ratio Lower Upper
 152 100
 115 66.4 31.4 94.0
 150 152.8 0.0 348.4

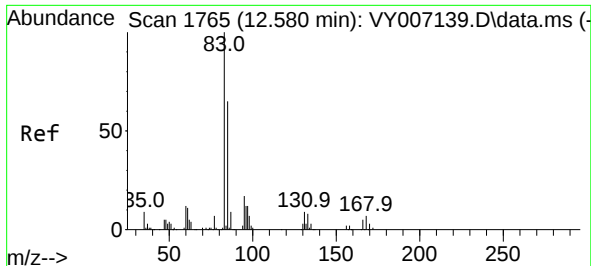


#73
 Isopropylbenzene
 Concen: 5.192 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.159 min
 Lab File: VY007256.D
 Acq: 21 Jan 2022 16:29



Tgt Ion:105 Resp: 1891
 Ion Ratio Lower Upper
 105 100
 120 47.7 13.1 39.1#

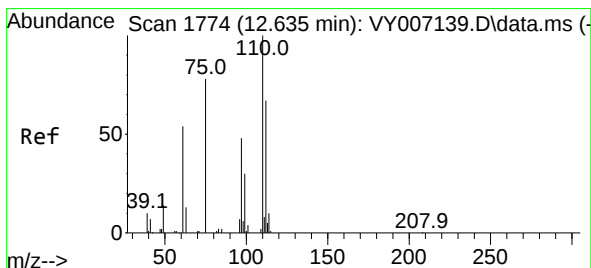
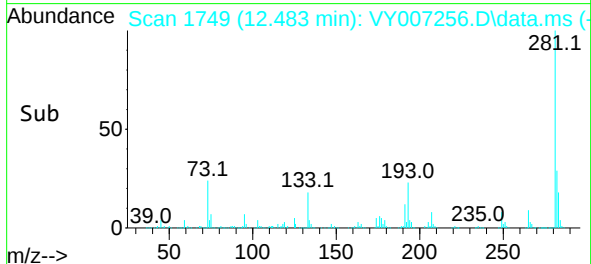
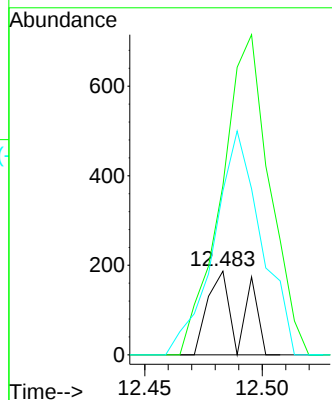
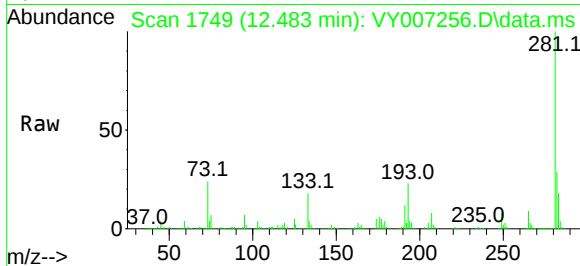




#75
1,1,2,2-Tetrachloroethane
Concen: 2.541 ug/l
RT: 12.483 min Scan# 1750
Delta R.T. -0.097 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

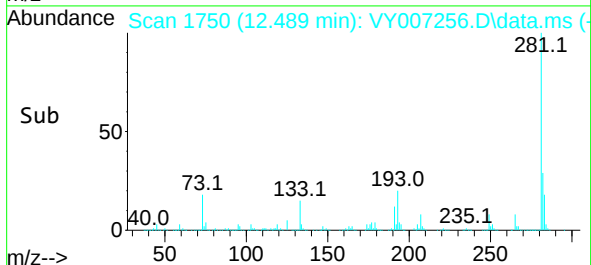
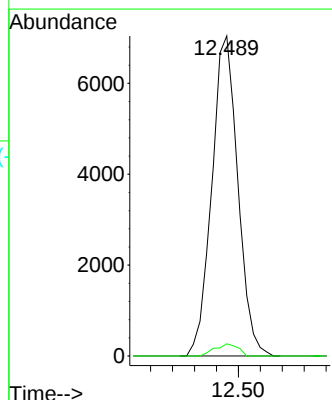
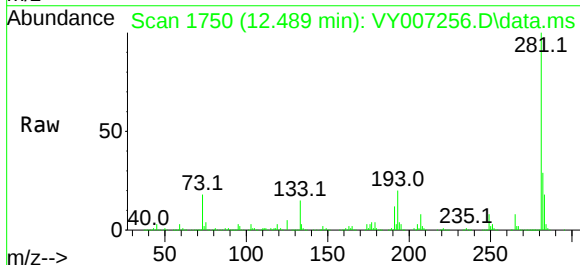
Instrument :
MSVOA_Y
ClientSampleId :

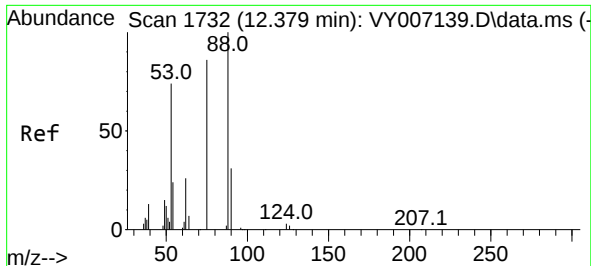
Tgt Ion: 83 Resp: 180
Ion Ratio Lower Upper
83 100
131 568.9 5.3 16.1#
85 390.6 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 241.698 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY007256.D
Acq: 21 Jan 2022 16:29

Tgt Ion: 75 Resp: 11622
Ion Ratio Lower Upper
75 100
77 3.3 0.0 0.0#

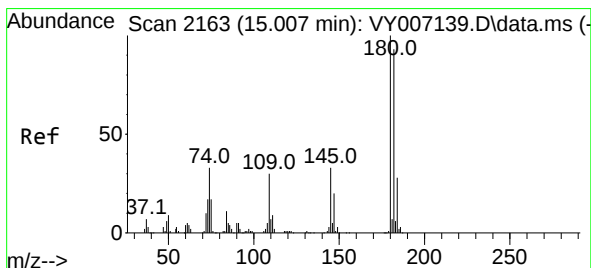
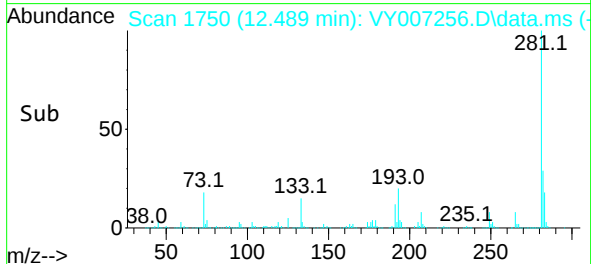
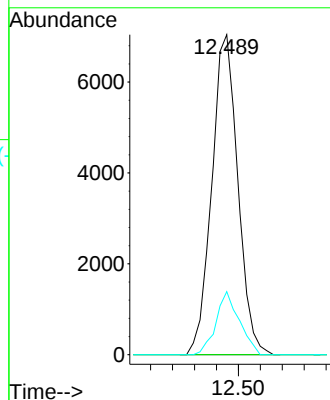
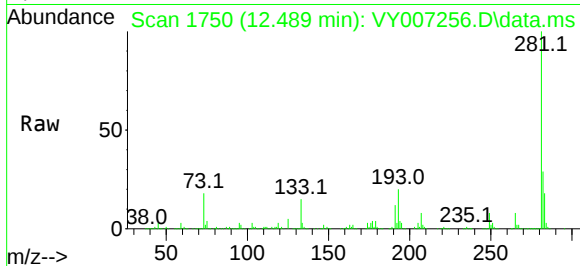




#81
 trans-1,4-Dichloro-2-butene
 Concen: 442.481 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY007256.D
 Acq: 21 Jan 2022 16:29

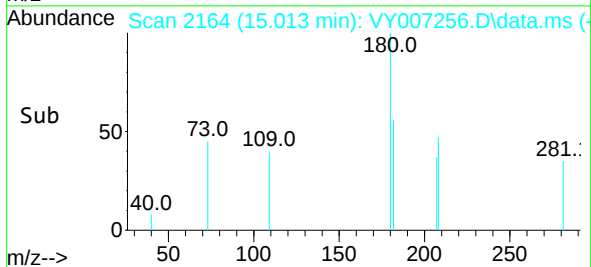
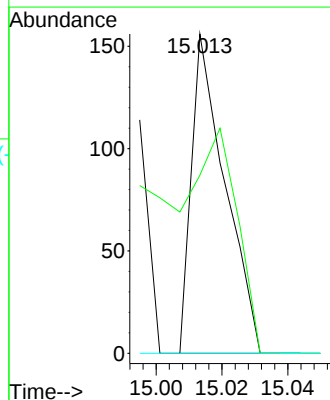
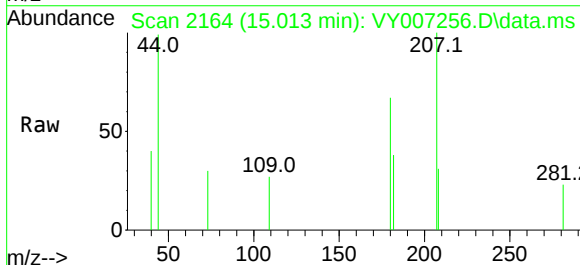
Instrument :
 MSVOA_Y
 ClientSampleId :

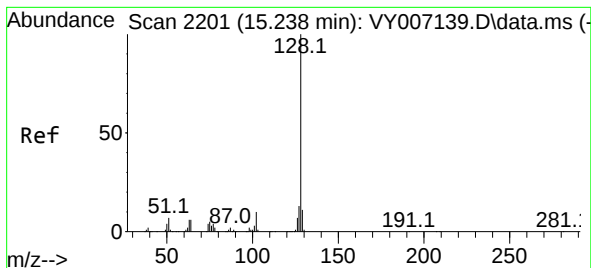
Tgt Ion: 75 Resp: 11622
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 17.7 0.0 0.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.311 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.007 min
 Lab File: VY007256.D
 Acq: 21 Jan 2022 16:29

Tgt Ion:180 Resp: 110
 Ion Ratio Lower Upper
 180 100
 182 161.8 47.6 142.8#
 145 0.0 16.4 49.1#





#95

Naphthalene

Concen: 2.603 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

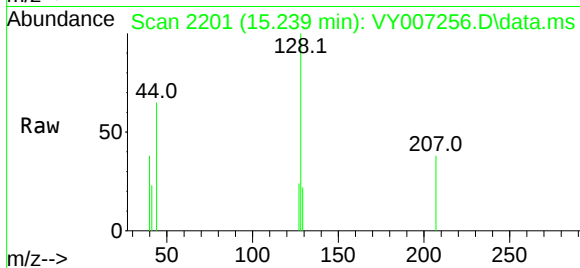
Lab File: VY007256.D

Acq: 21 Jan 2022 16:29

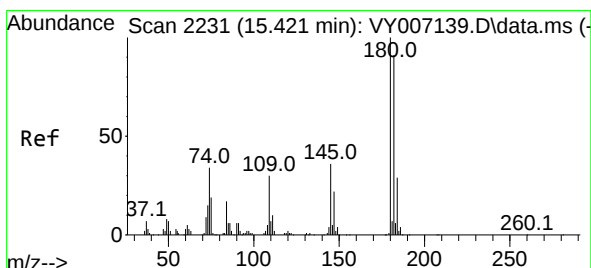
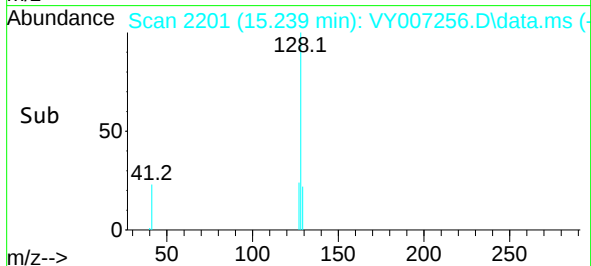
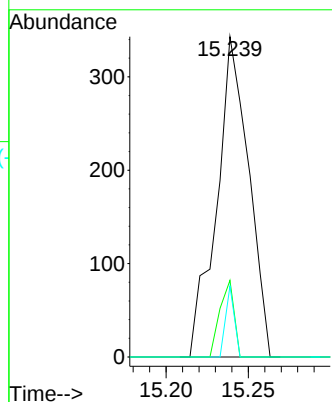
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	464
Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.3	15.5
129	6.0	8.9	13.3#



#96

1,2,3-Trichlorobenzene

Concen: 2.081 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY007256.D

Acq: 21 Jan 2022 16:29

Tgt Ion:	180	Resp:	149
Ion	Ratio	Lower	Upper
180	100		
182	81.2	47.3	141.8
145	0.0	17.2	51.5#

