

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007812.D
 Acq On : 09 Mar 2022 20:14
 Operator : SY/MD
 Sample : N1825-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:05:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

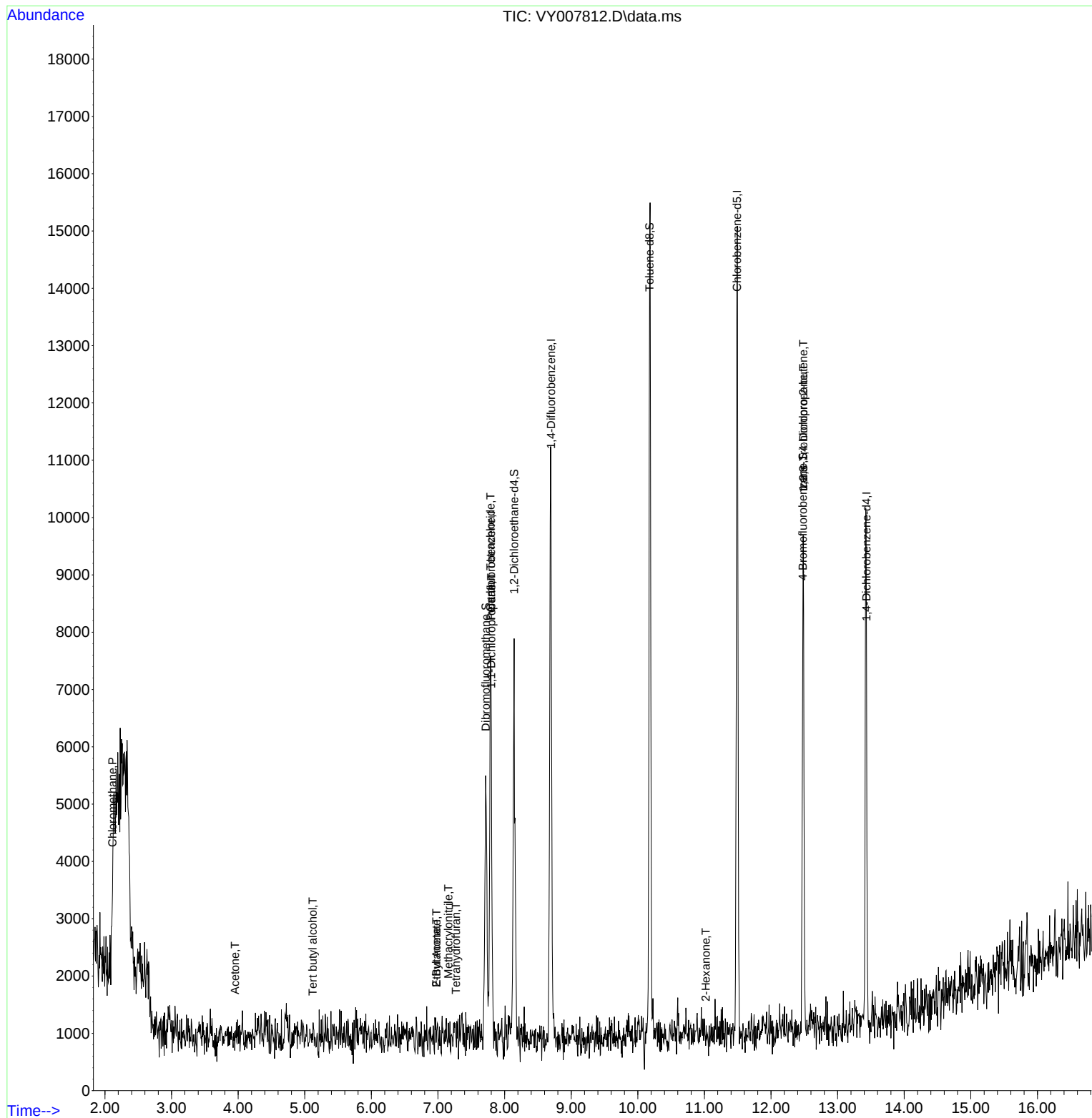
Internal Standards						
1) Pentafluorobenzene	7.795	168	5173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2527	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4145	76.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.080%	
35) Dibromofluoromethane	7.716	113	2962	53.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.179	98	9099	45.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.120%	
62) 4-Bromofluorobenzene	12.477	95	2470	37.948	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.900%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	442	2.249	ug/l	90
11) Tert butyl alcohol	5.119	59	19	4.052	ug/l #	1
13) Acrolein	3.869	56	31	Below Cal	#	14
16) Acetone	3.954	43	102	9.258	ug/l #	47
18) Methyl Acetate	4.503	43	42	Below Cal	#	56
20) Methylene Chloride	4.741	84	219	Below Cal	#	37
25) 2-Butanone	6.978	43	100	5.411	ug/l #	54
29) Tetrahydrofuran	7.271	42	20	1.582	ug/l #	38
36) 1,1-Dichloropropene	7.801	75	500	5.794	ug/l #	42
37) Ethyl Acetate	6.978	43	100	2.098	ug/l #	72
38) Carbon Tetrachloride	7.789	117	549	5.964	ug/l #	11
41) Methacrylonitrile	7.155	41	48	2.108	ug/l #	1
59) 2-Hexanone	11.020	43	93	2.928	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	1520	53.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1520	110.113	ug/l #	7

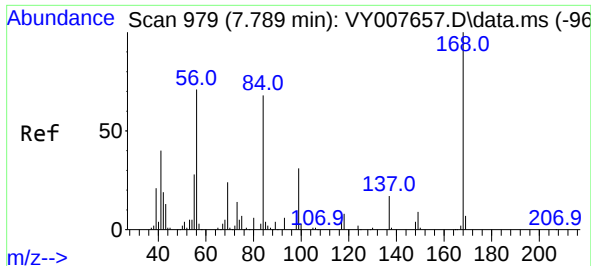
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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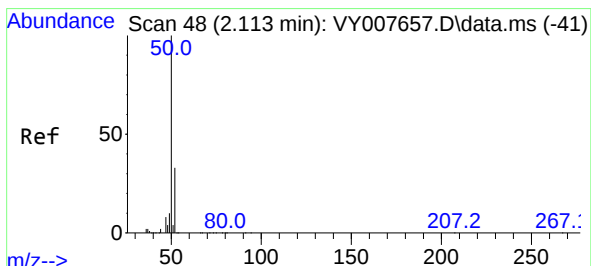
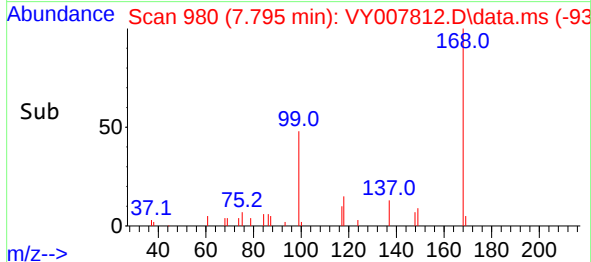
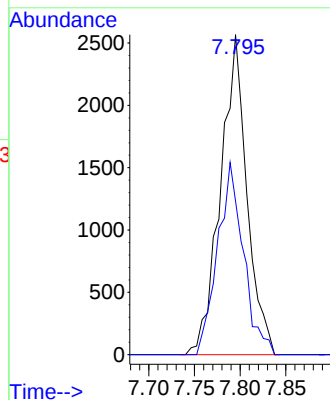
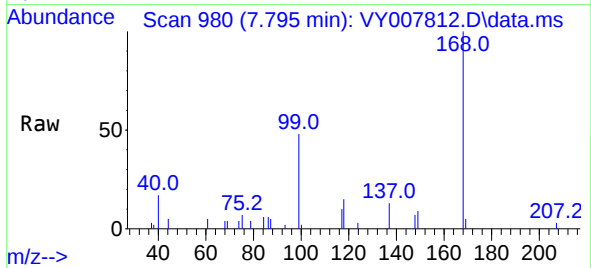




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

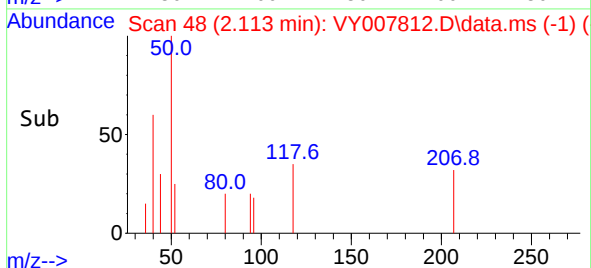
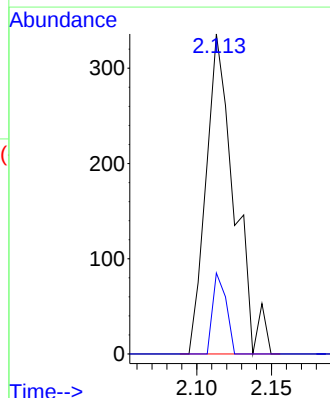
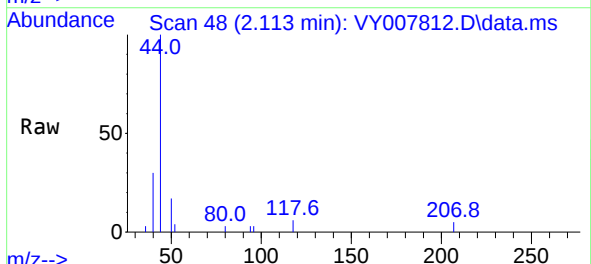
Instrument :
MSVOA_Y
ClientSampleId :

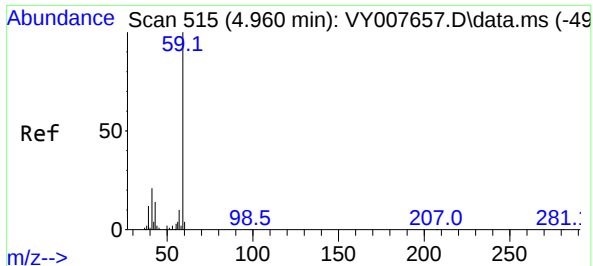
Tgt Ion:168 Resp: 5173
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#3
Chloromethane
Concen: 2.249 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 25.3 24.6 37.0





#11

Tert butyl alcohol

Concen: 4.052 ug/l

RT: 5.119 min Scan# 54

Delta R.T. 0.159 min

Lab File: VY007812.D

Acq: 09 Mar 2022 20:14

Instrument :

MSVOA_Y

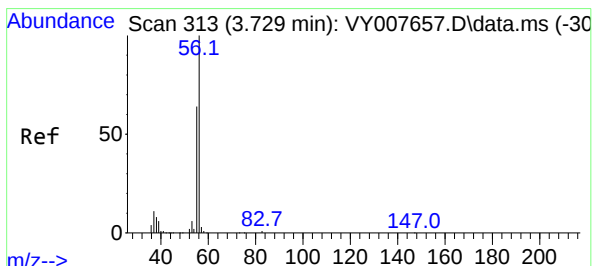
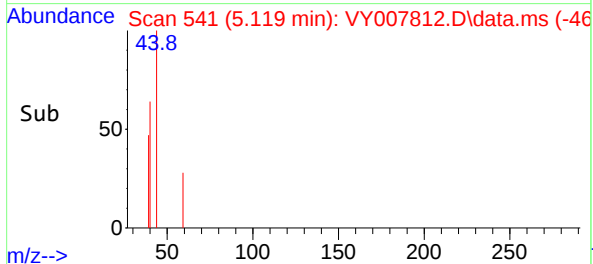
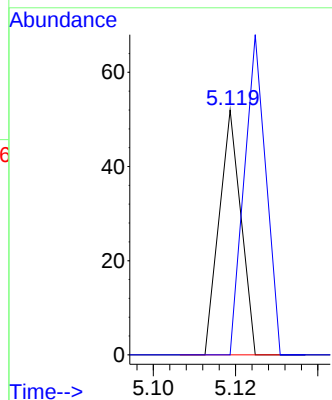
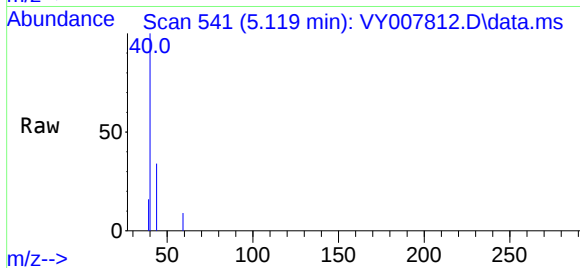
ClientSampleId :

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 131.6 6.4 9.6#



#13

Acrolein

Concen: Below Cal

RT: 3.869 min Scan# 336

Delta R.T. 0.140 min

Lab File: VY007812.D

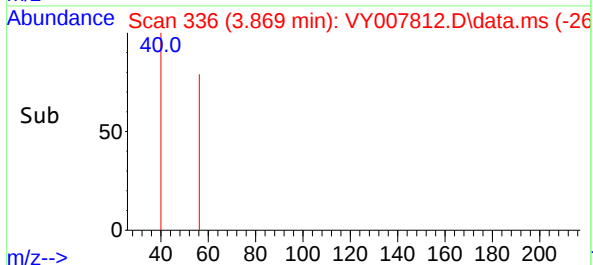
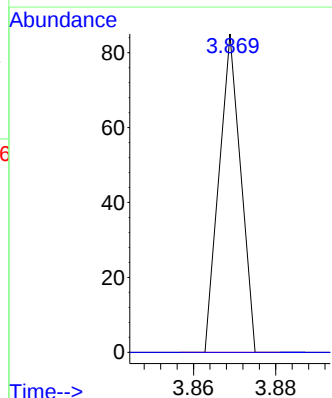
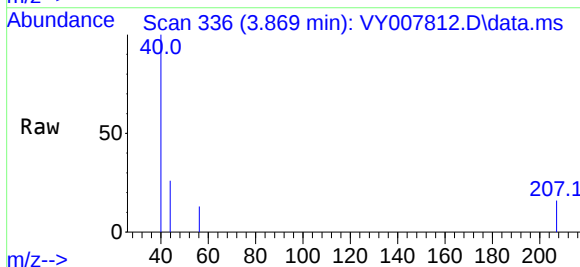
Acq: 09 Mar 2022 20:14

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

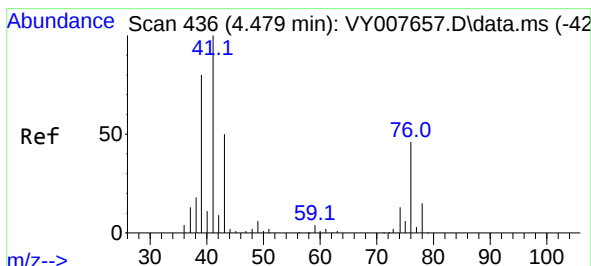
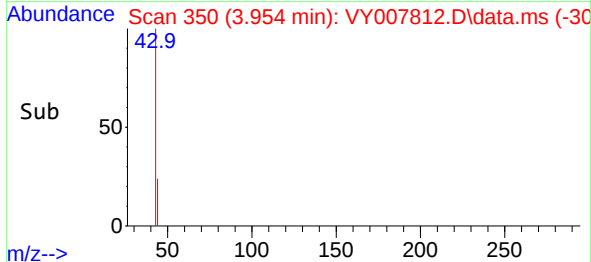
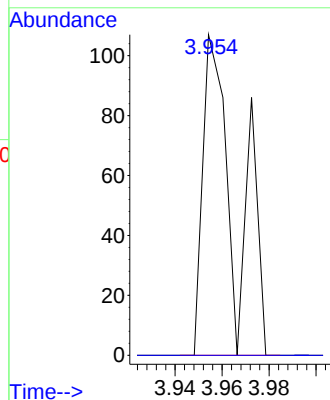
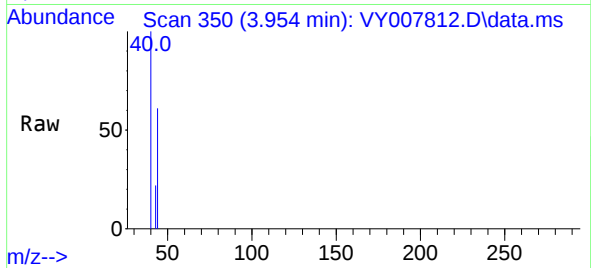




#16
Acetone
Concen: 9.258 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

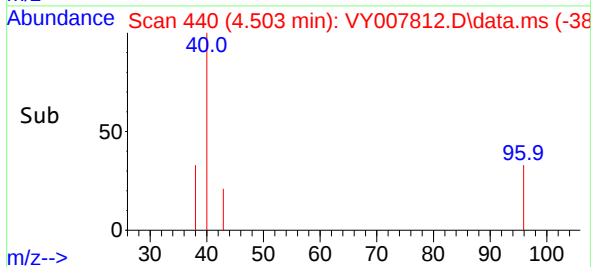
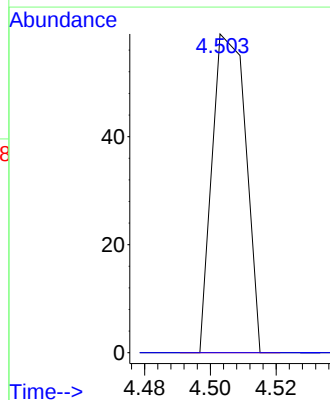
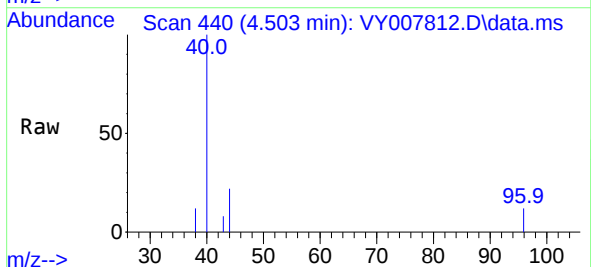
Instrument :
MSVOA_Y
ClientSampleId :

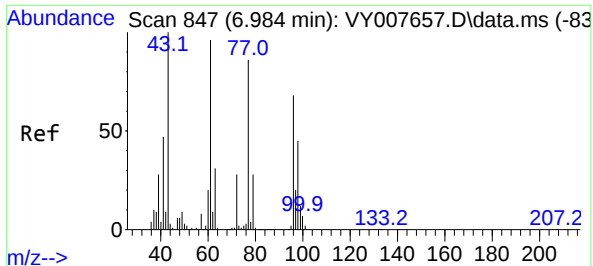
Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.503 min Scan# 440
Delta R.T. 0.024 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

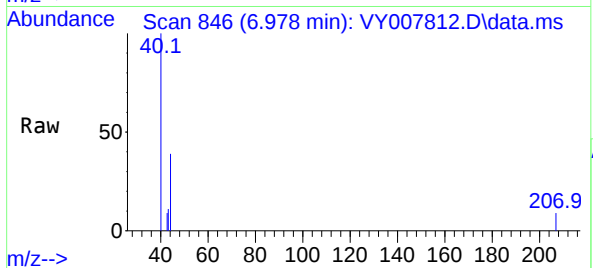
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



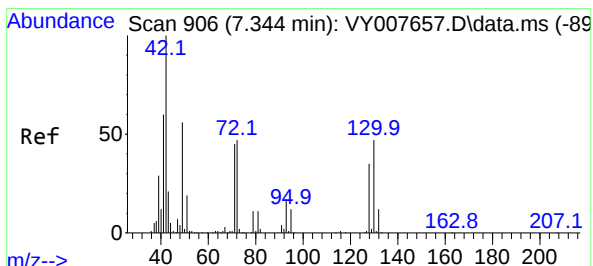
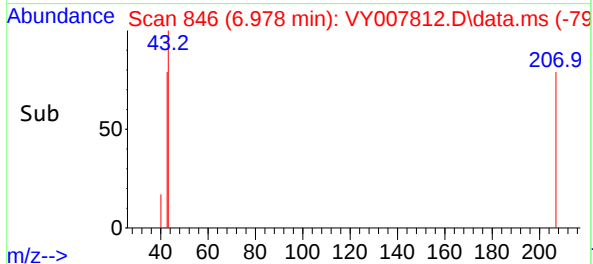
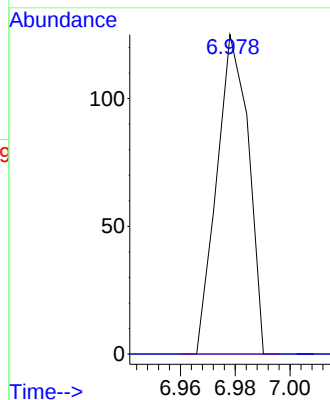


#25
2-Butanone
Concen: 5.411 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :

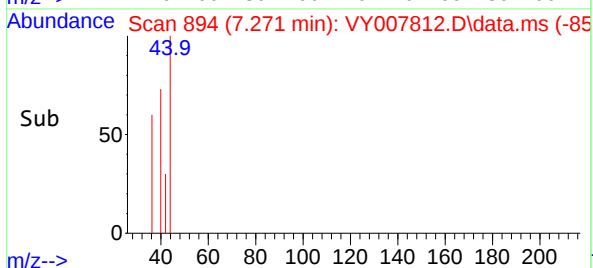
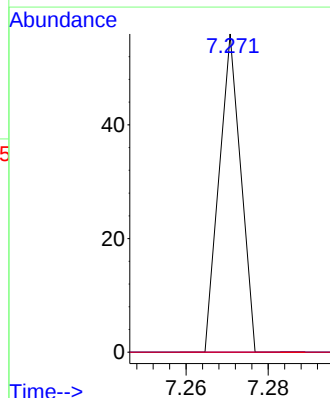
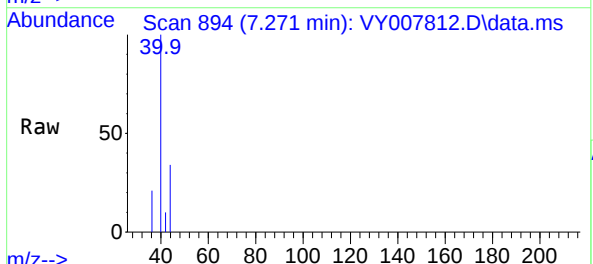


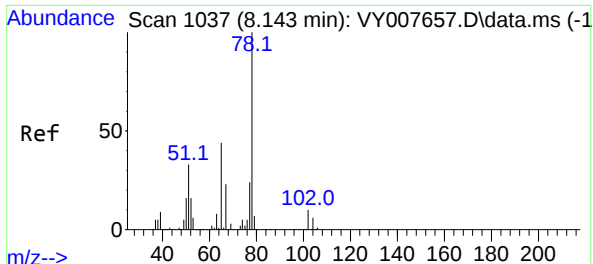
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.582 ug/l
RT: 7.271 min Scan# 894
Delta R.T. -0.073 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 42 Resp: 20
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#

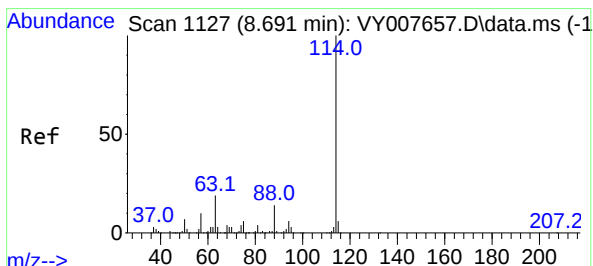
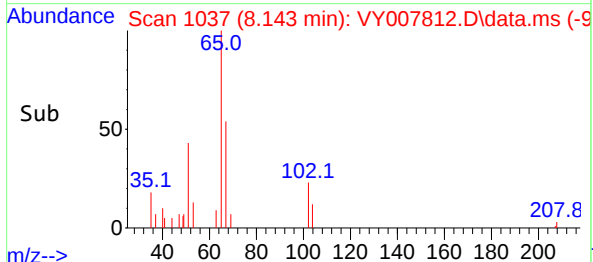
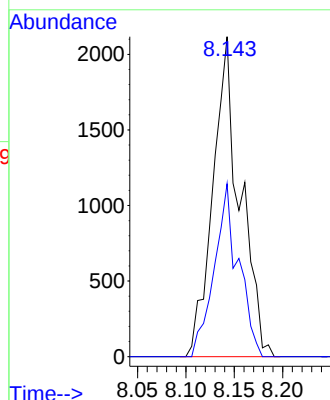
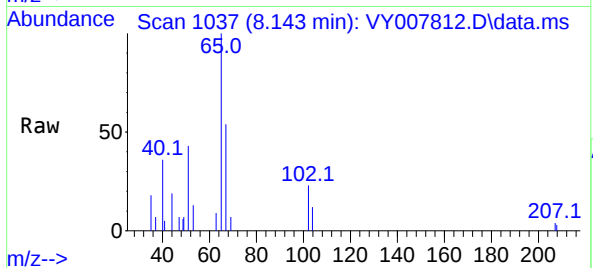




#33
1,2-Dichloroethane-d4
Concen: 76.537 ug/l
RT: 8.143 min Scan# 1103
Delta R.T. -0.001 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

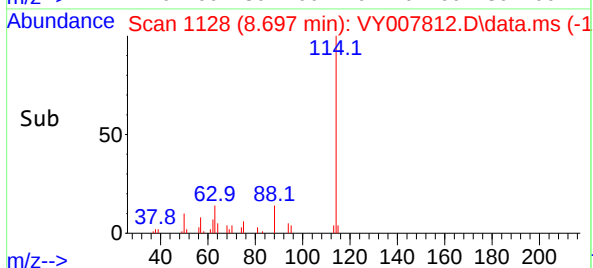
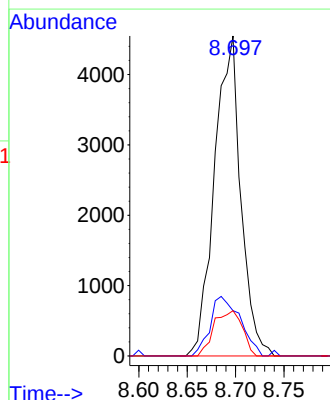
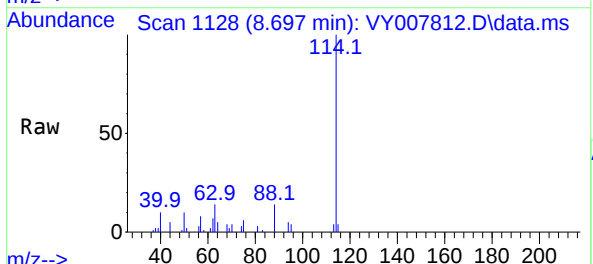
Instrument :
MSVOA_Y
ClientSampleId :

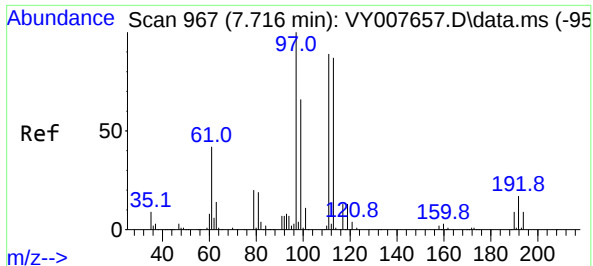
Tgt Ion: 65 Resp: 4145
Ion Ratio Lower Upper
65 100
67 47.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

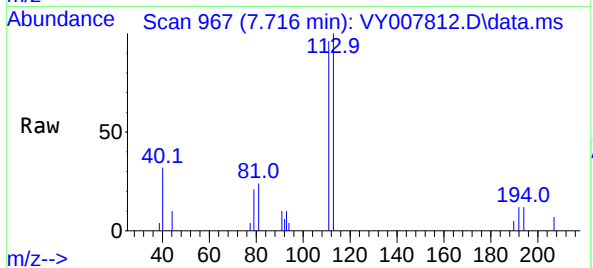
Tgt Ion: 114 Resp: 8580
Ion Ratio Lower Upper
114 100
63 14.2 0.0 43.2
88 14.2 0.0 31.8





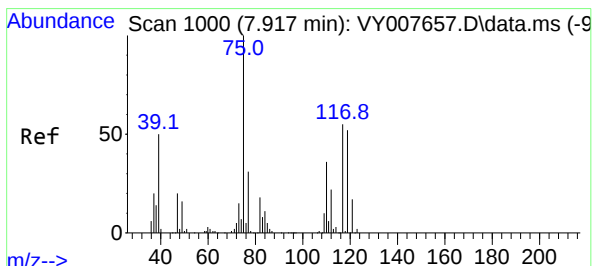
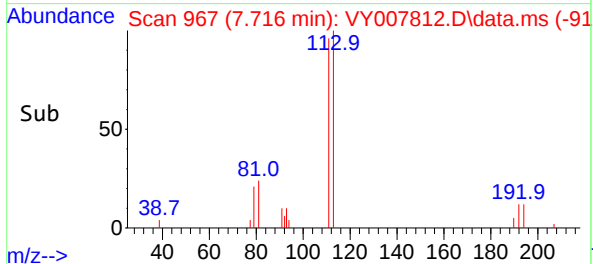
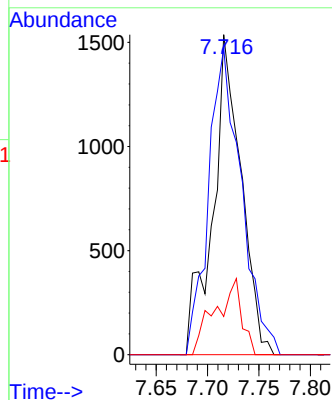
#35
Dibromofluoromethane
Concen: 53.997 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 2962

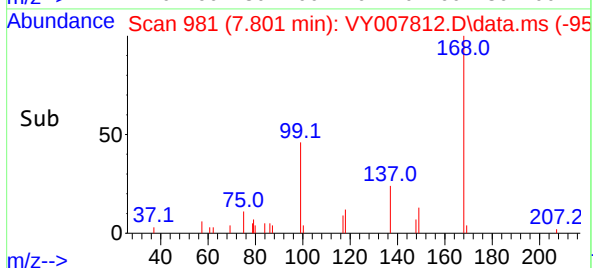
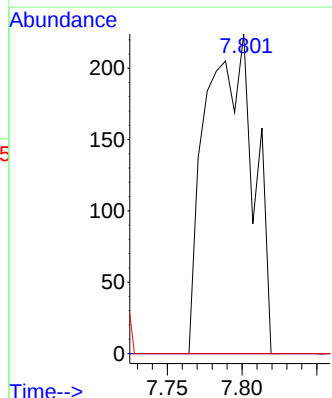
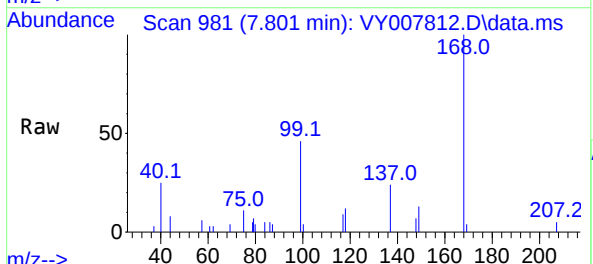
Ion	Ratio	Lower	Upper
113	100		
111	110.3	82.6	124.0
192	22.3	17.6	26.4

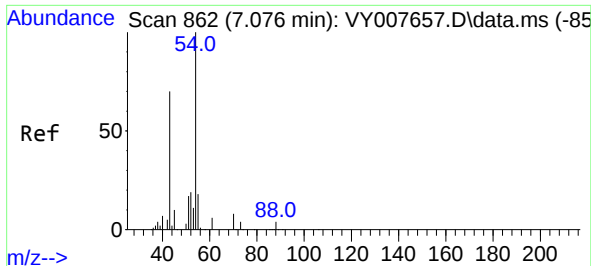


#36
1,1-Dichloropropene
Concen: 5.794 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 75 Resp: 500

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 2.098 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY007812.D

Acq: 09 Mar 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

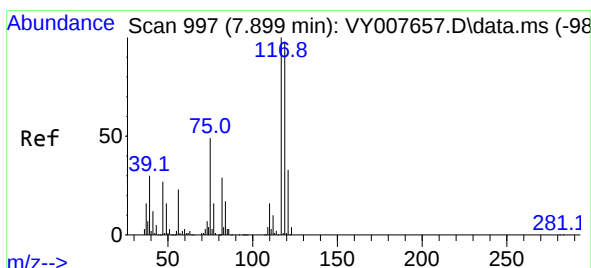
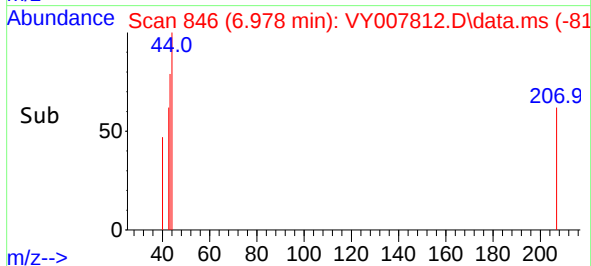
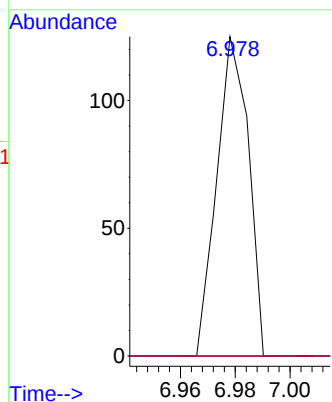
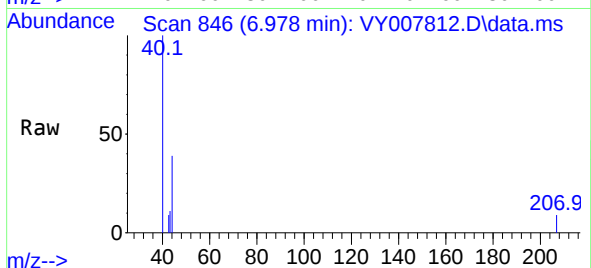
Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.964 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007812.D

Acq: 09 Mar 2022 20:14

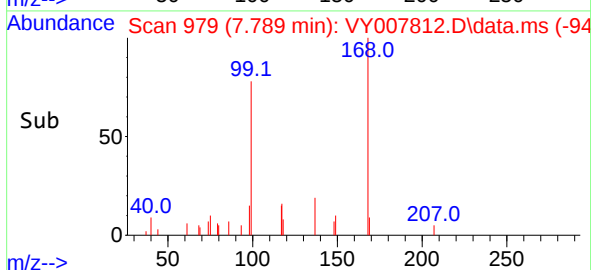
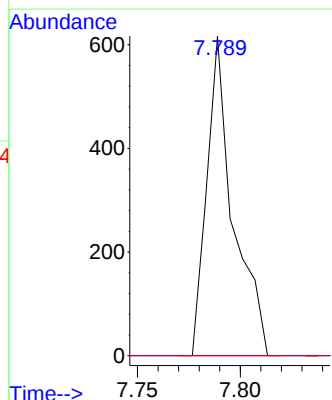
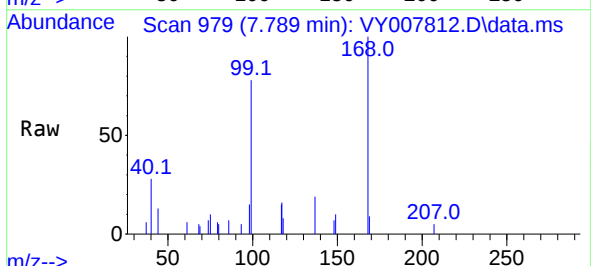
Tgt Ion: 117 Resp: 549

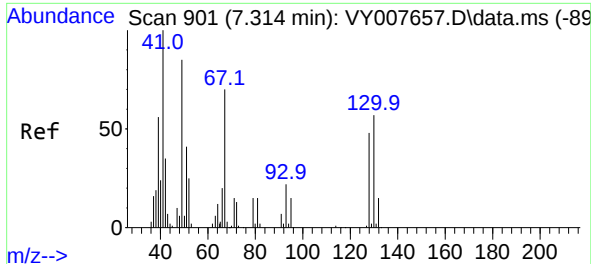
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

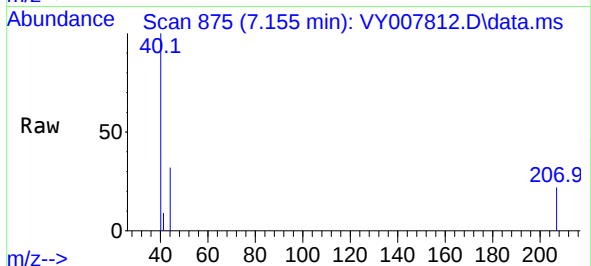
121 0.0 24.8 37.2#



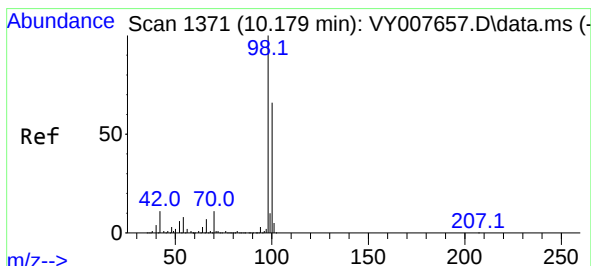
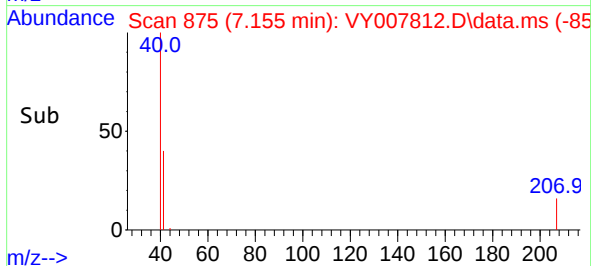
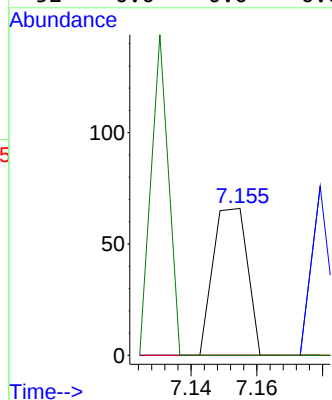


#41
Methacrylonitrile
Concen: 2.108 ug/l
RT: 7.155 min Scan# 81
Delta R.T. -0.159 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :

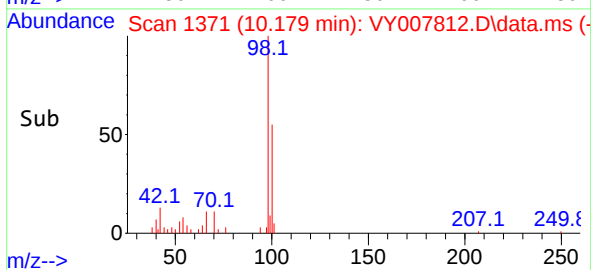
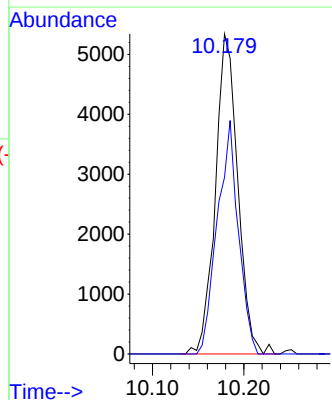
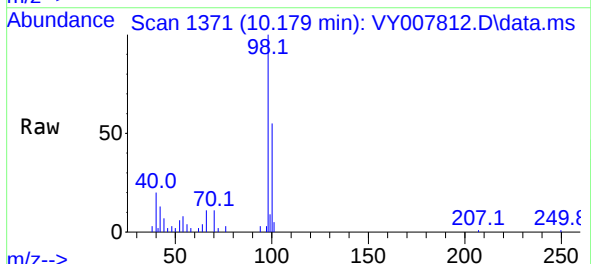


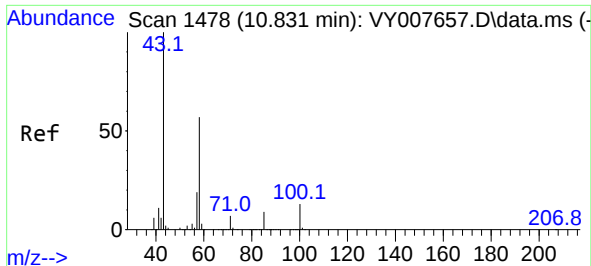
Tgt Ion: 41 Resp: 48
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 45.062 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 98 Resp: 9099
Ion Ratio Lower Upper
98 100
100 68.3 50.2 75.2

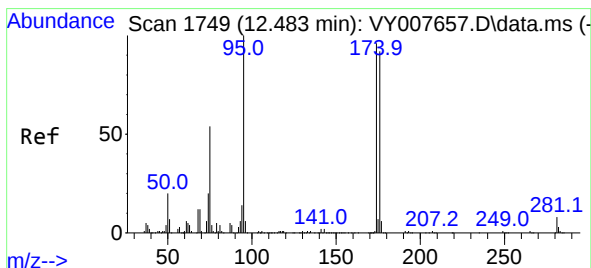
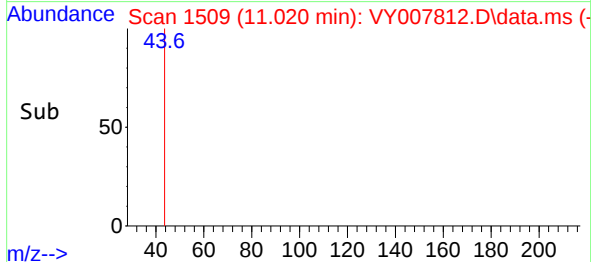
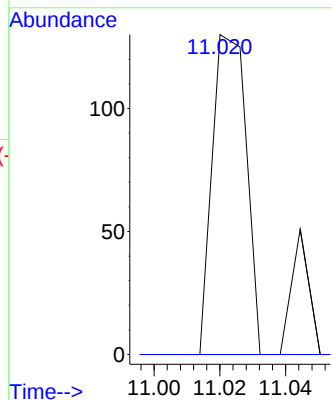
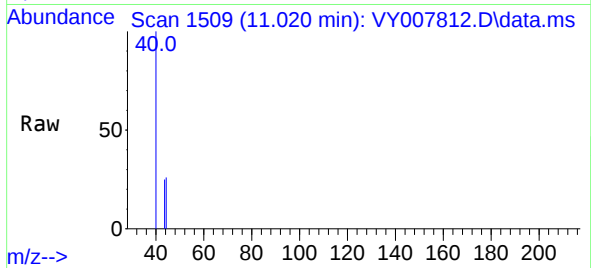




#59
2-Hexanone
Concen: 2.928 ug/l
RT: 11.020 min Scan# 11
Delta R.T. 0.189 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

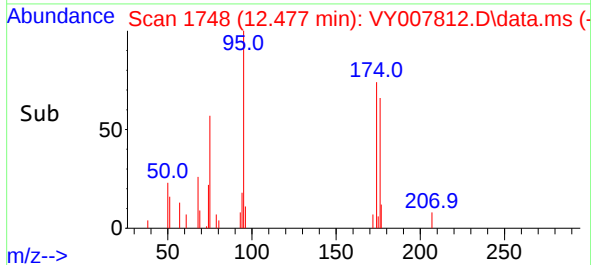
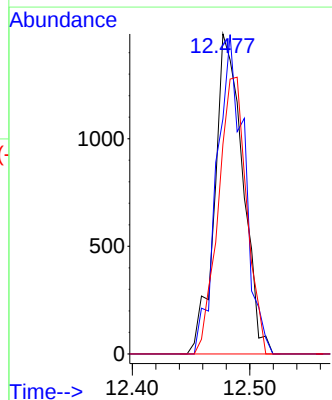
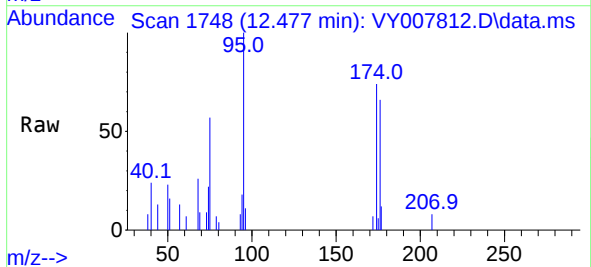
Instrument :
MSVOA_Y
ClientSampleId :

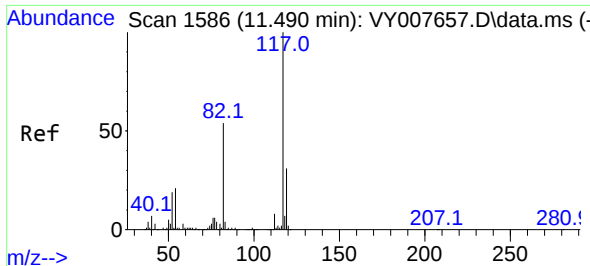
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 37.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

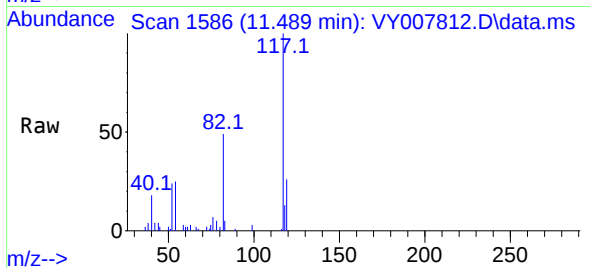
Tgt Ion: 95 Resp: 2470
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 87.4 0.0 175.8



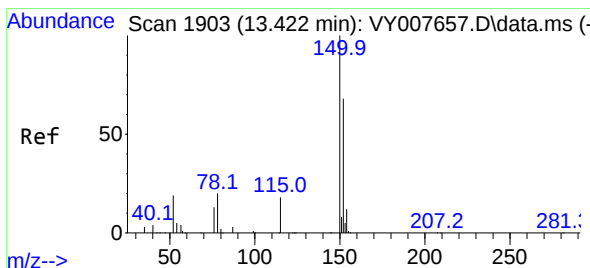
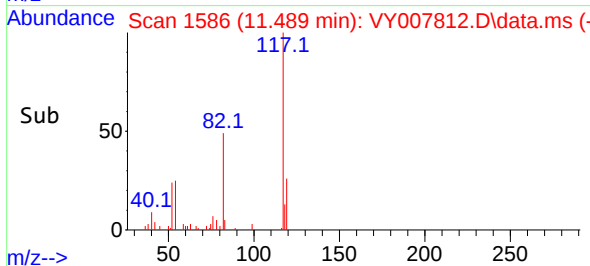
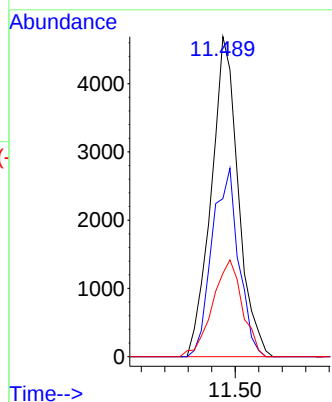


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :

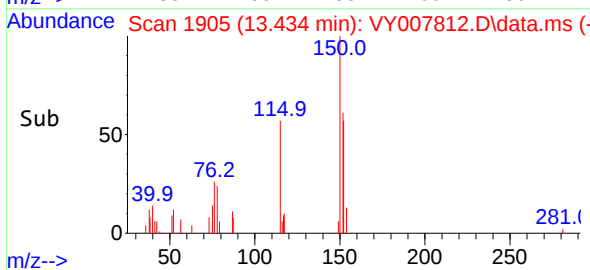
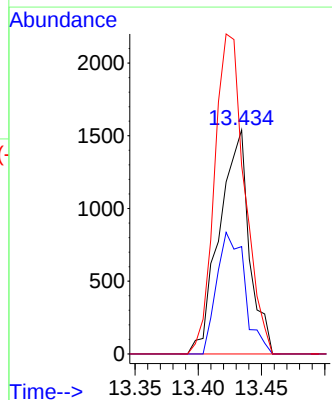
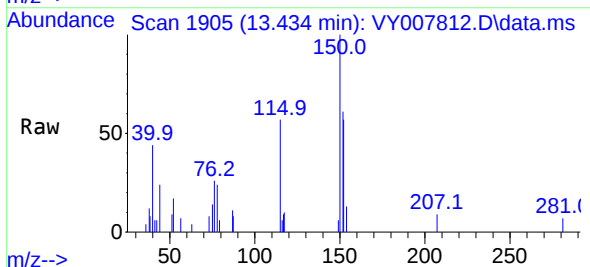


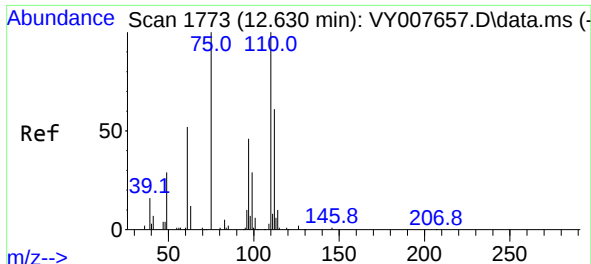
Tgt Ion:	117	Resp:	7507
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	26.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion:	152	Resp:	2527
Ion	Ratio	Lower	Upper
152	100		
115	51.0	28.2	84.7
150	144.0	0.0	347.6

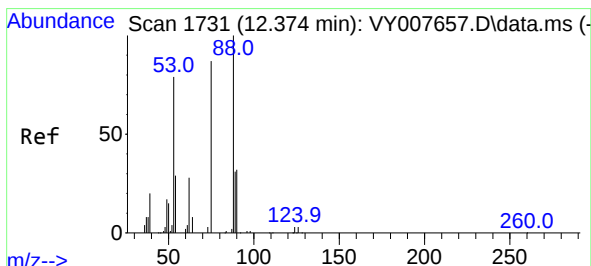
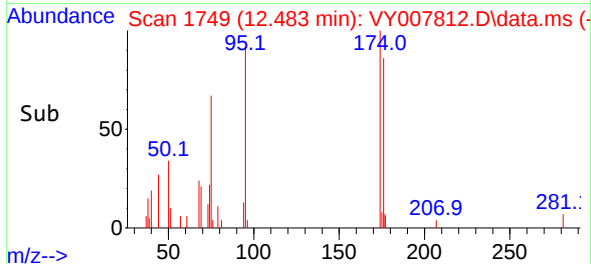
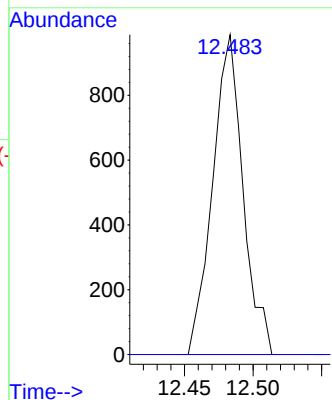
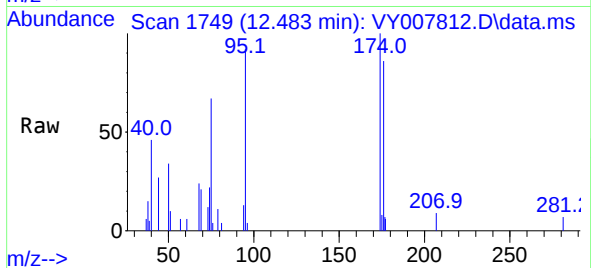




#76
1,2,3-Trichloropropane
Concen: 53.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1520
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 110.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 75 Resp: 1520
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

