

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007794.D
 Acq On : 08 Mar 2022 20:45
 Operator : SY/MD
 Sample : N1763-09
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:30:15 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)

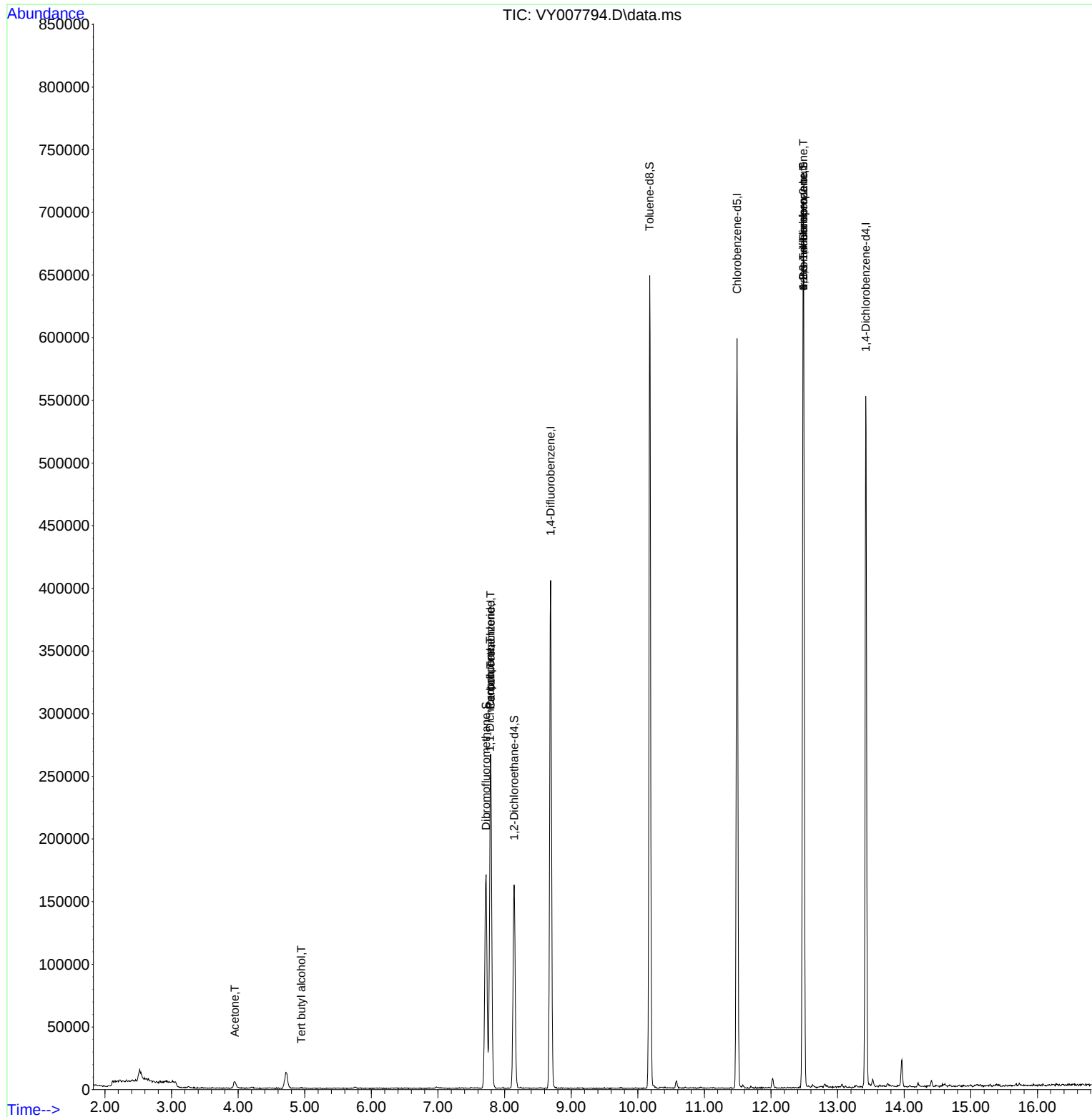
Internal Standards						
1) Pentafluorobenzene	7.789	168	206996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123796	57.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.260%	
35) Dibromofluoromethane	7.722	113	116606	52.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.179	98	419273	51.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.483	95	123384	46.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	131	Below Cal	#	43
3) Chloromethane	2.113	50	1284	Below Cal		90
11) Tert butyl alcohol	4.948	59	560	2.985 ug/l	#	77
13) Acrolein	3.473	56	64	Below Cal	#	14
16) Acetone	3.948	43	9937	22.541 ug/l		98
18) Methyl Acetate	4.479	43	233	Below Cal	#	89
31) Cyclohexane	7.795	56	4528	Below Cal	#	49
36) 1,1-Dichloropropene	7.783	75	16120	4.596 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	20623	5.512 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	73127	47.916 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73127	97.958 ug/l	#	8

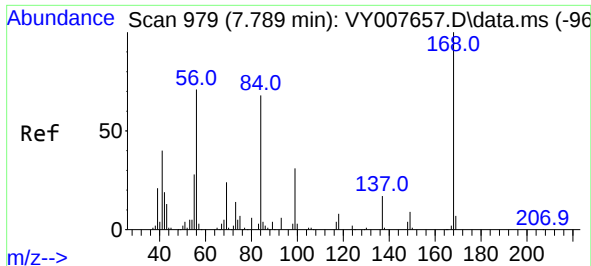
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
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Quant Time: Mar 09 00:30:15 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

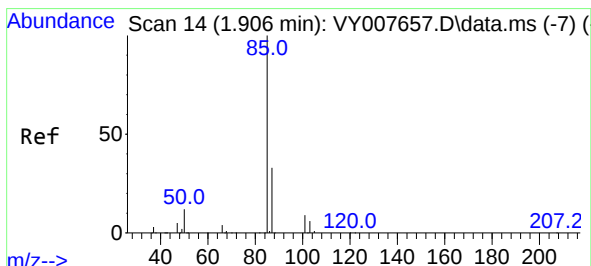
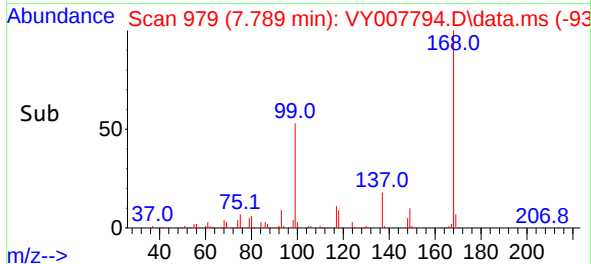
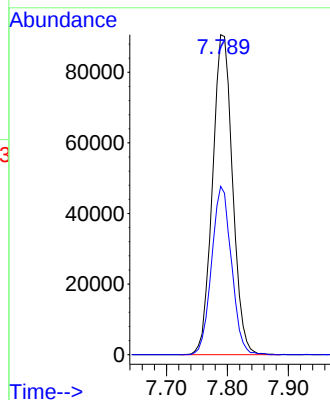
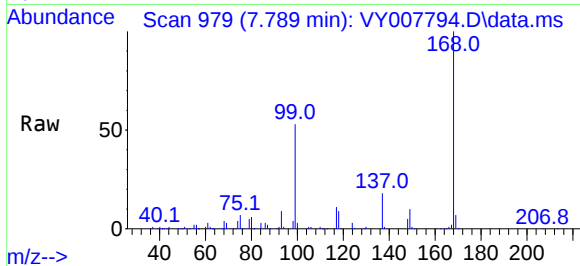




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

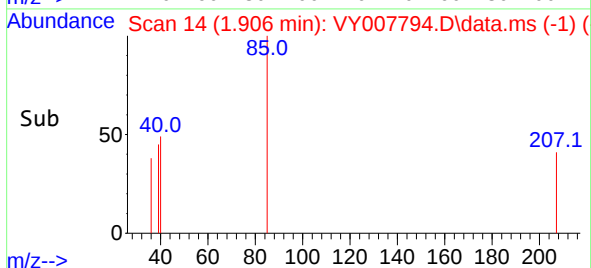
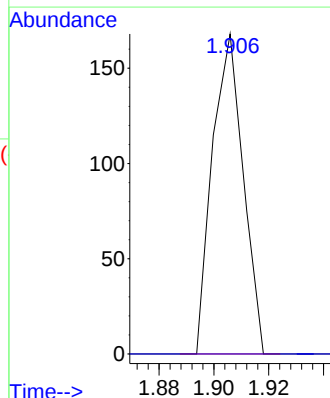
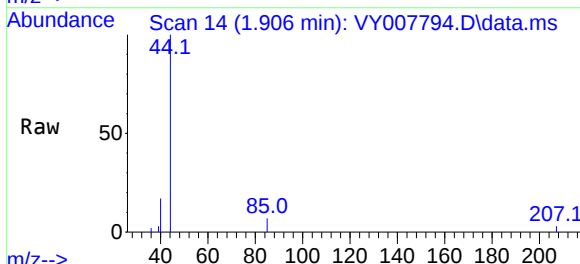
Instrument :
MSVOA_Y
ClientSampleId :

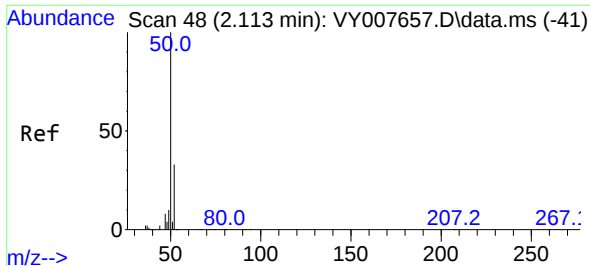
Tgt Ion:168 Resp: 206996
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Tgt Ion: 85 Resp: 131
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

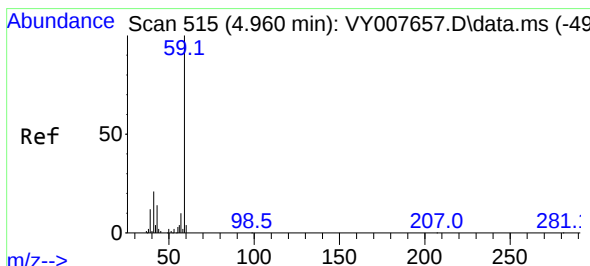
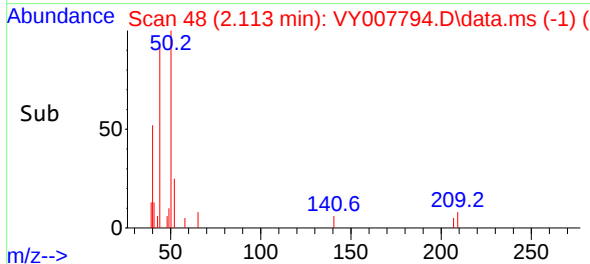
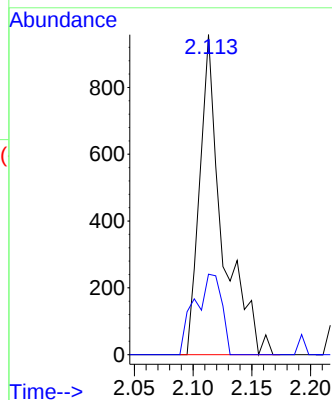
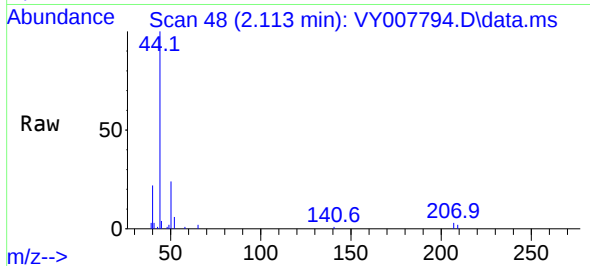




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

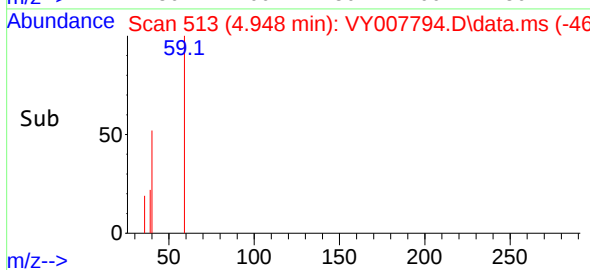
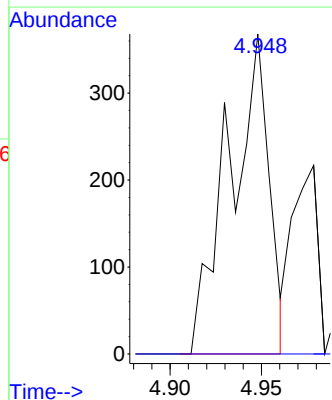
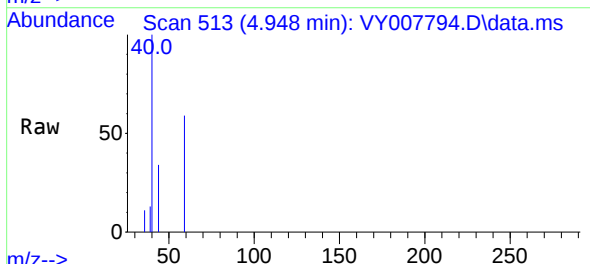
Instrument :
MSVOA_Y
ClientSampleId :

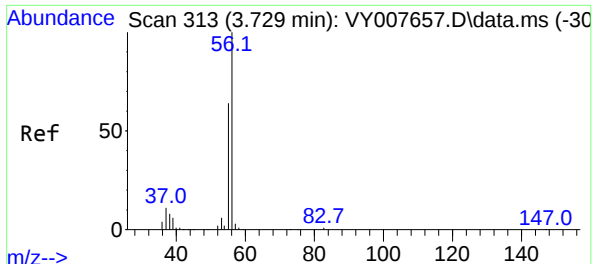
Tgt Ion: 50 Resp: 1284
Ion Ratio Lower Upper
50 100
52 25.2 24.6 37.0



#11
Tert butyl alcohol
Concen: 2.985 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Tgt Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

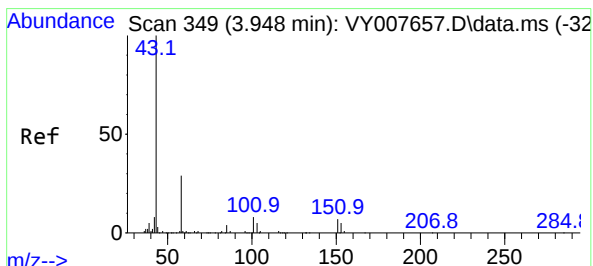
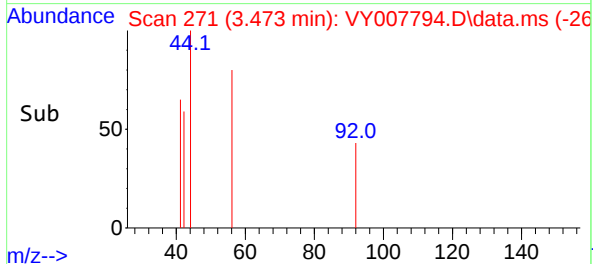
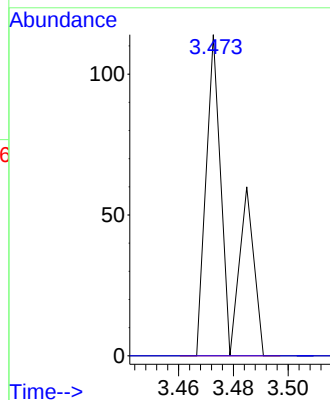
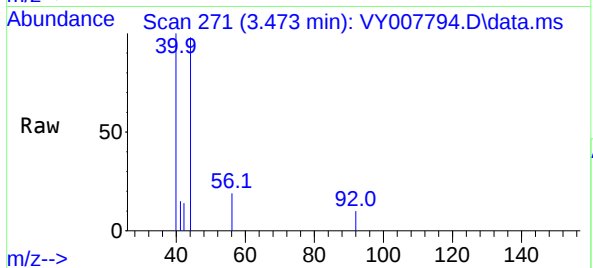




#13
Acrolein
Concen: Below Cal
RT: 3.473 min Scan# 21
Delta R.T. -0.256 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

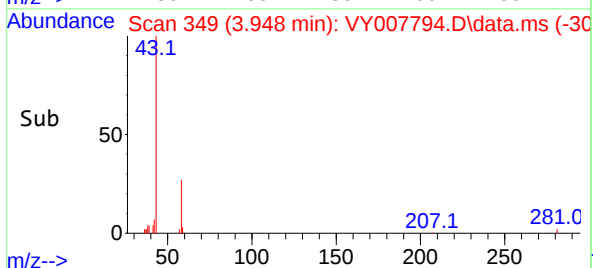
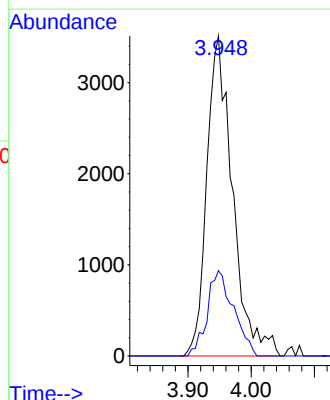
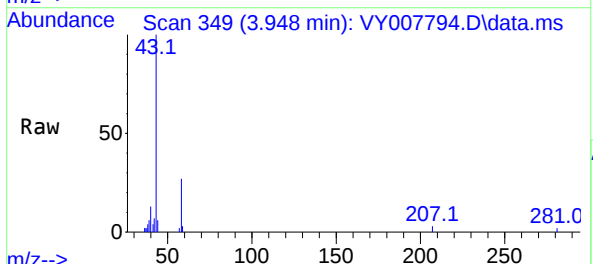
Instrument :
MSVOA_Y
ClientSampleId :

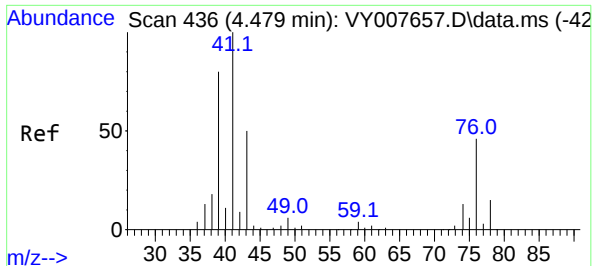
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 22.541 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Tgt Ion: 43 Resp: 9937
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0

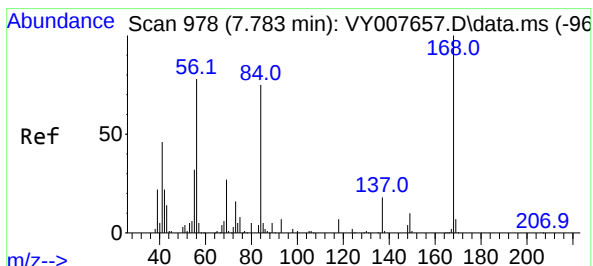
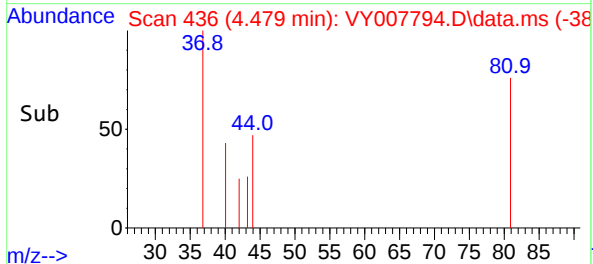
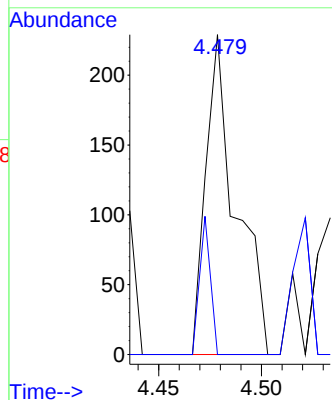
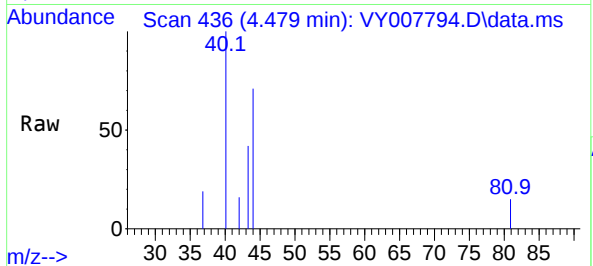




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

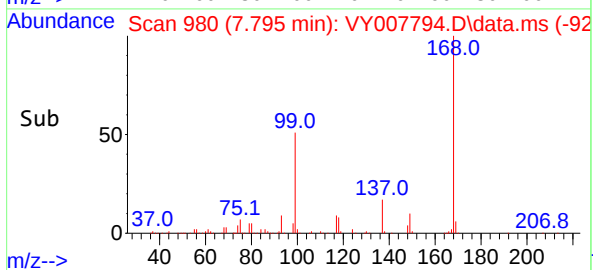
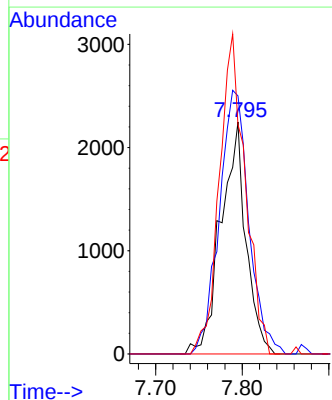
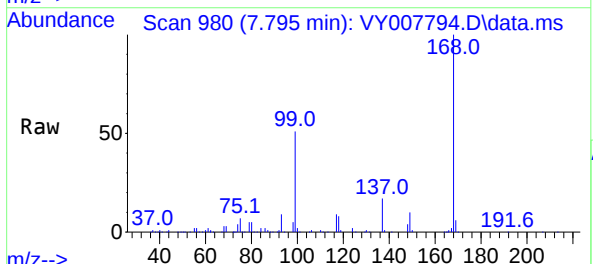
Instrument :
MSVOA_Y
ClientSampleId :

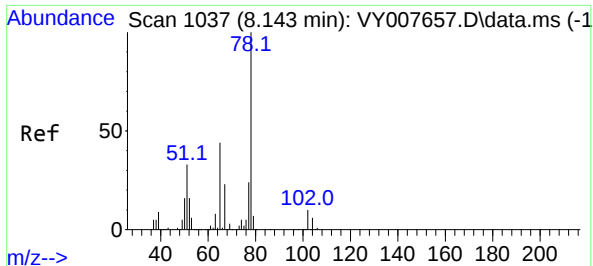
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
74 15.5 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Tgt Ion: 56 Resp: 4528
Ion Ratio Lower Upper
56 100
69 111.3 26.7 40.1#
84 98.9 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 57.126 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007794.D

Acq: 08 Mar 2022 20:45

Instrument :

MSVOA_Y

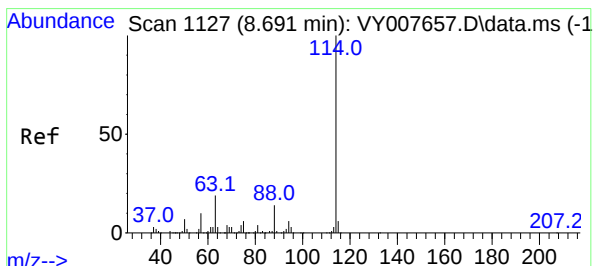
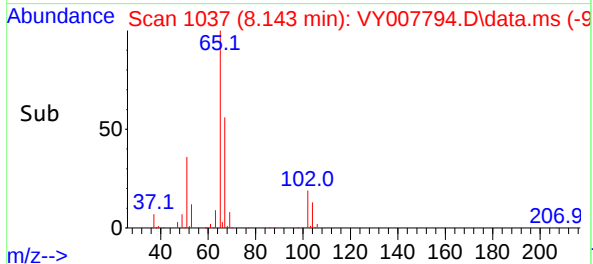
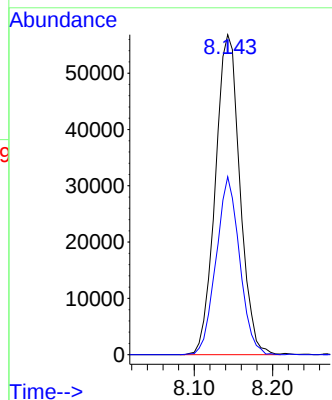
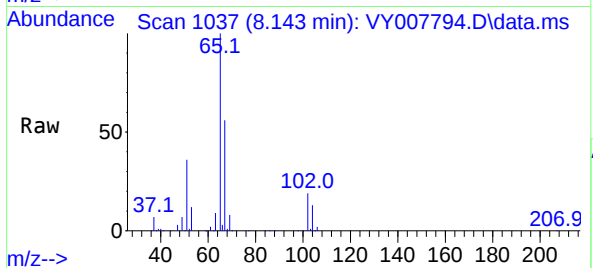
ClientSampleId :

Tgt Ion: 65 Resp: 123796

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007794.D

Acq: 08 Mar 2022 20:45

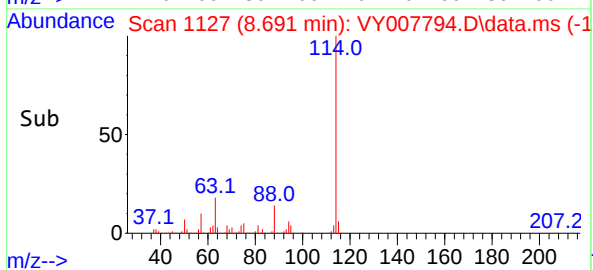
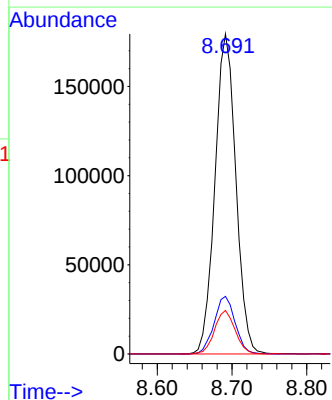
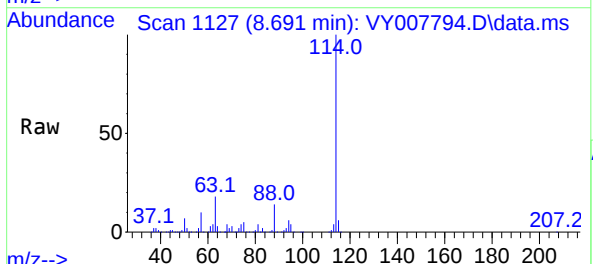
Tgt Ion: 114 Resp: 348743

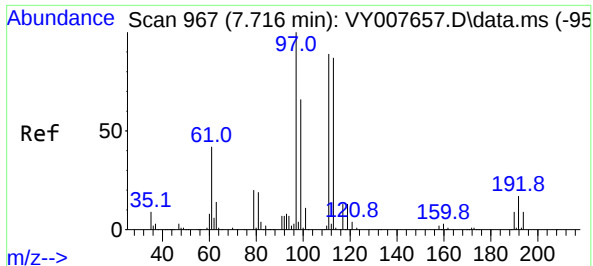
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

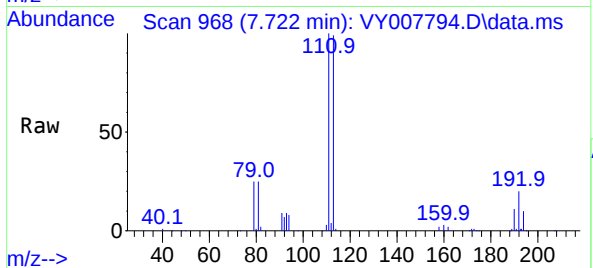
88 13.6 0.0 31.8



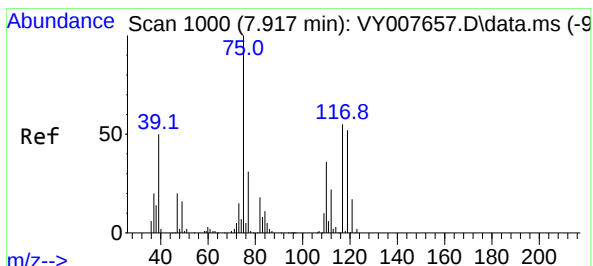
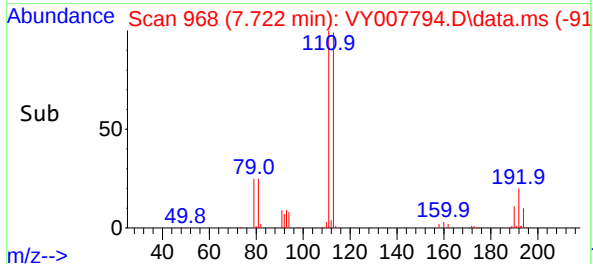
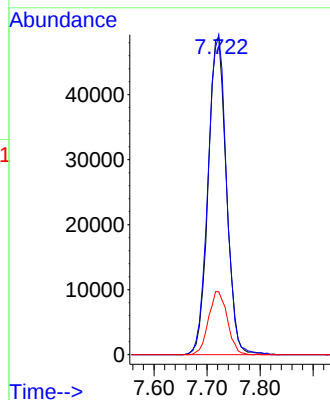


#35
Dibromofluoromethane
Concen: 52.299 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Instrument :
MSVOA_Y
ClientSampleId :

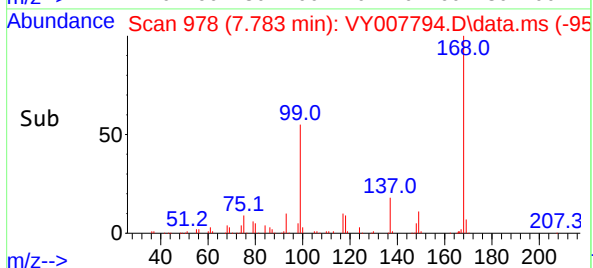
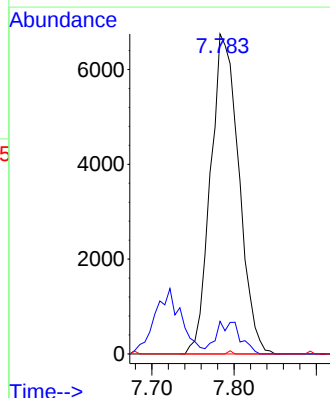
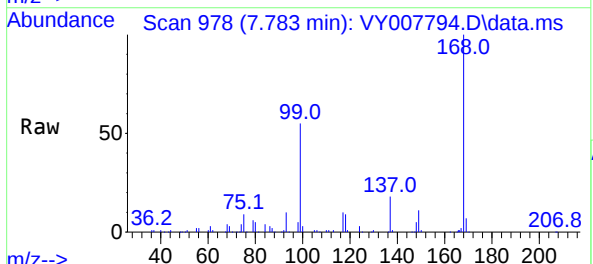


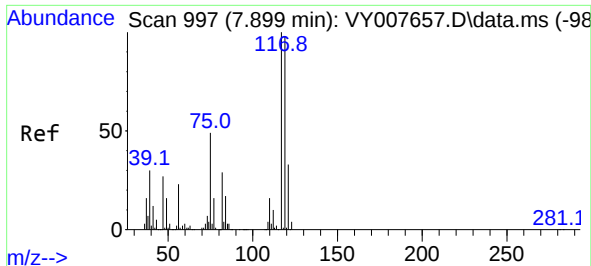
Tgt Ion:113 Resp: 116606
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.596 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

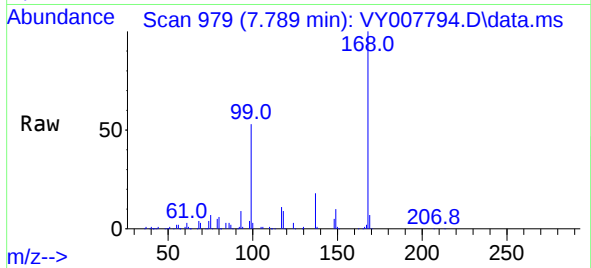
Tgt Ion: 75 Resp: 16120
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.2 24.4 36.6#



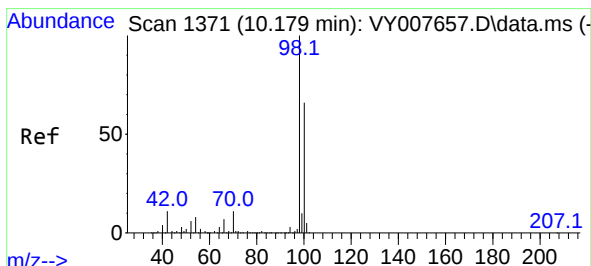
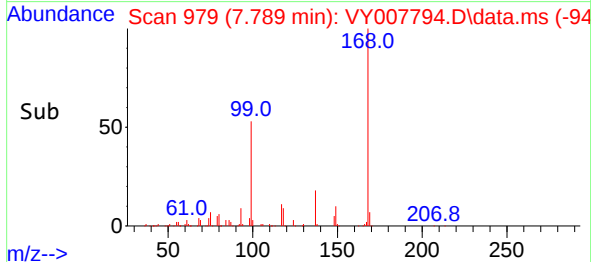
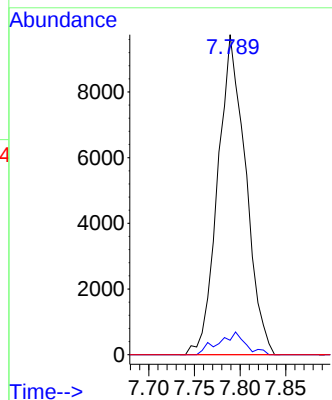


#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

Instrument :
MSVOA_Y
ClientSampleId :

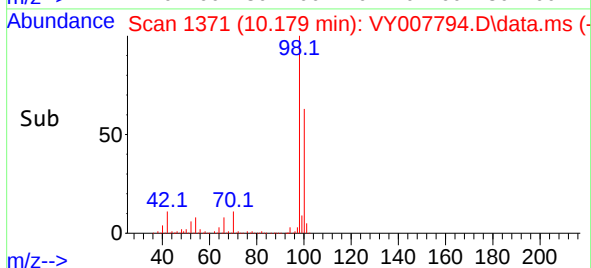
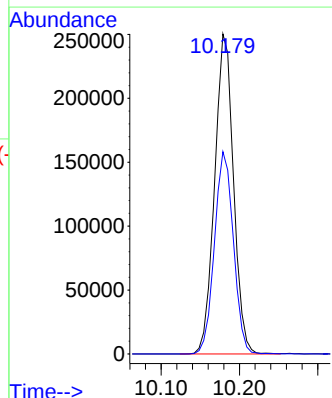
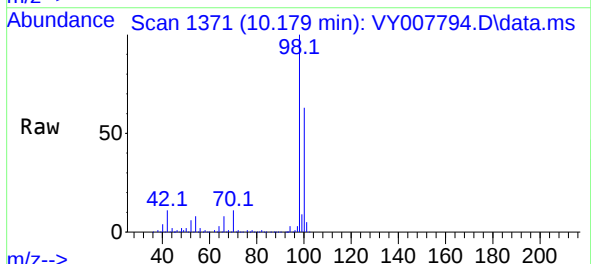


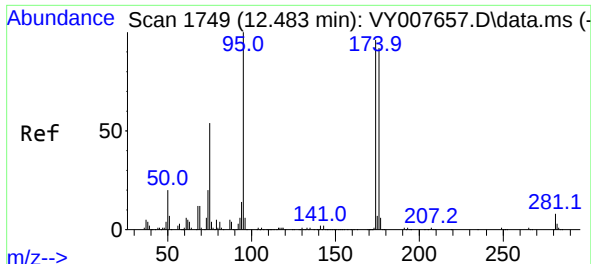
Tgt Ion:117 Resp: 20623
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

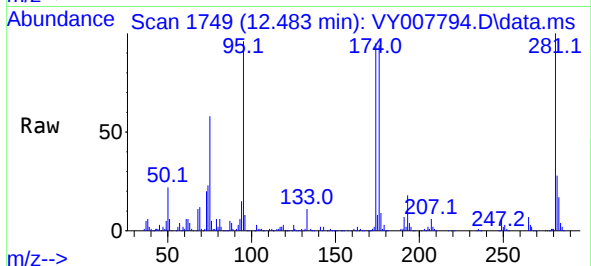
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Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



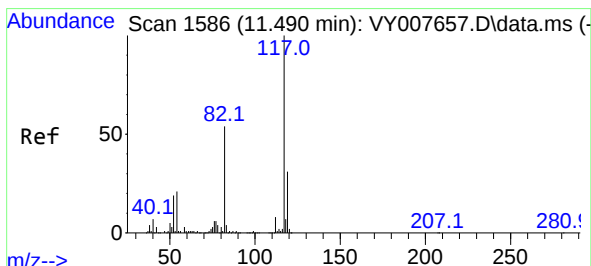
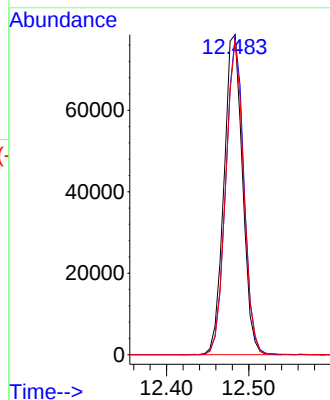
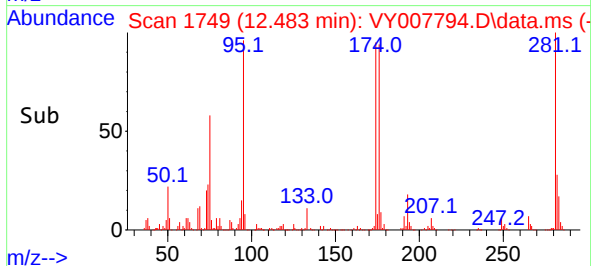


#62
4-Bromofluorobenzene
Concen: 46.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45

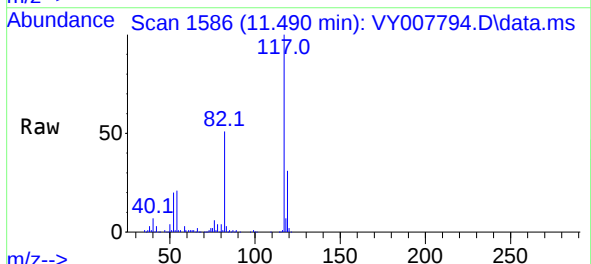
Instrument :
MSVOA_Y
ClientSampleId :



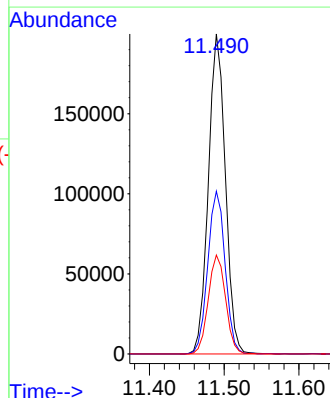
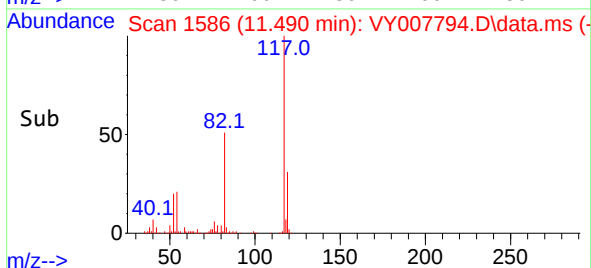
Tgt Ion: 95 Resp: 123384
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 94.6 0.0 175.8

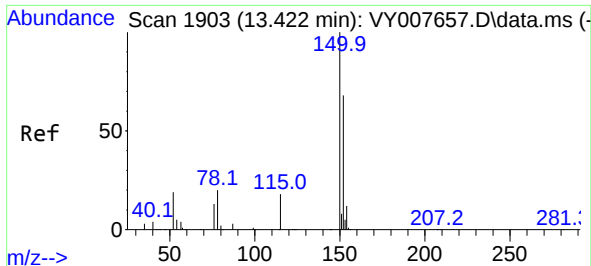


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007794.D
Acq: 08 Mar 2022 20:45



Tgt Ion: 117 Resp: 315416
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 30.9 25.4 38.0

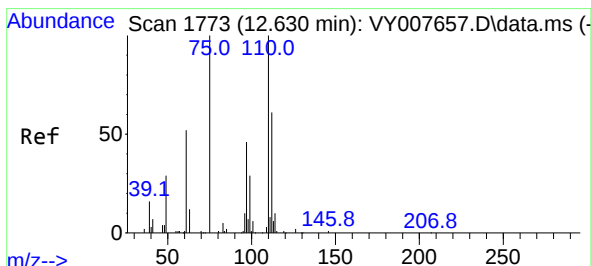
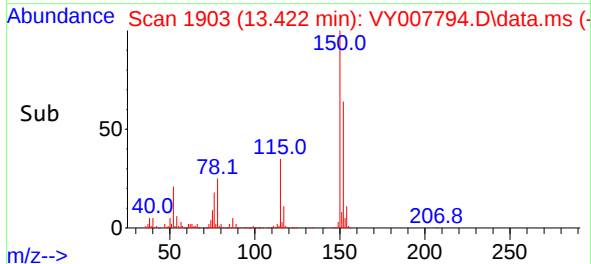
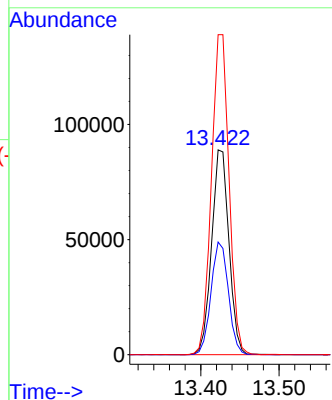
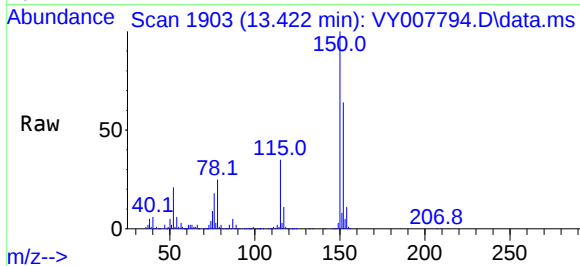




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007794.D
 Acq: 08 Mar 2022 20:45

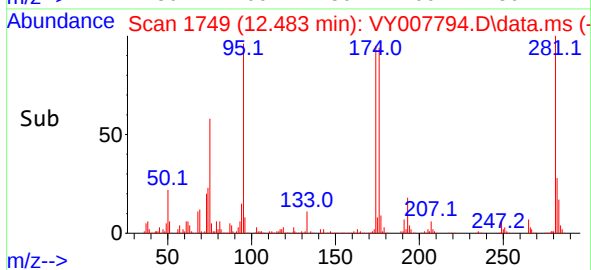
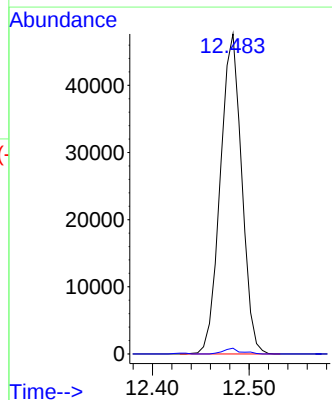
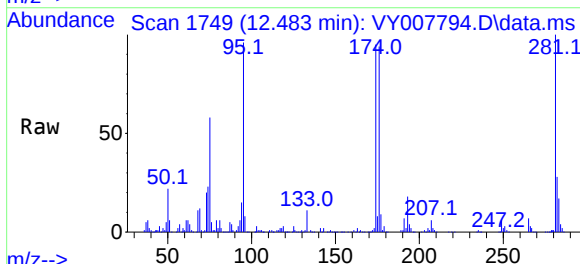
Instrument :
 MSVOA_Y
 ClientSampleId :

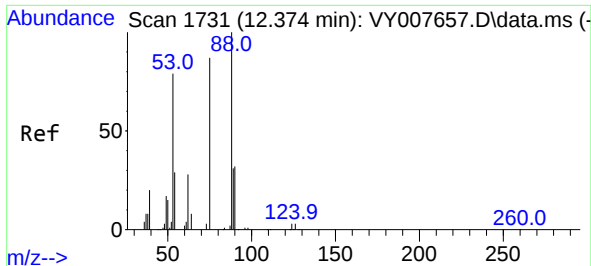
Tgt Ion:152 Resp: 136659
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.916 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007794.D
 Acq: 08 Mar 2022 20:45

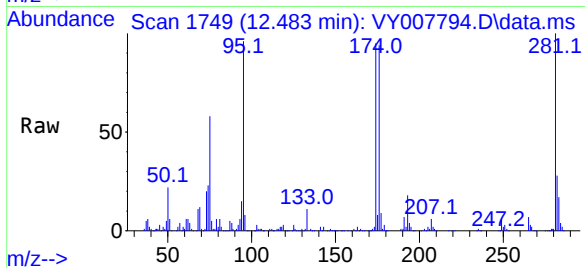
Tgt Ion: 75 Resp: 73127
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.958 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007794.D
 Acq: 08 Mar 2022 20:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 73127
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.3 37.0 55.4#

