

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010599.D
 Acq On : 21 Sep 2022 15:21
 Operator : KP/MD
 Sample : N4697-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 06:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

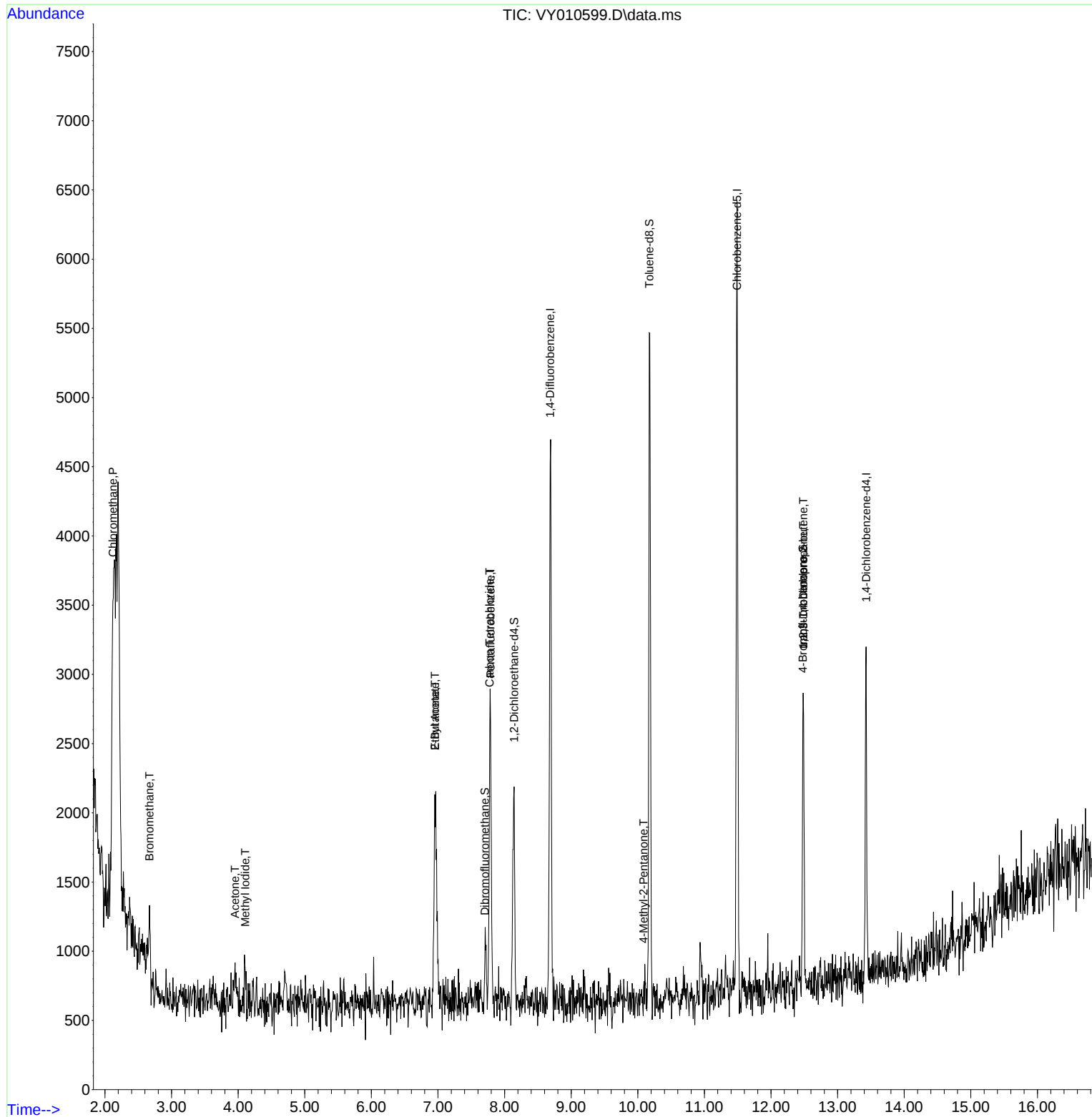
Internal Standards						
1) Pentafluorobenzene	7.789	168	2214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1301	61.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.880%	
35) Dibromofluoromethane	7.703	113	311	11.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 23.460%#	
50) Toluene-d8	10.173	98	3825	39.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.440%	
62) 4-Bromofluorobenzene	12.477	95	665	16.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 32.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	149	5.914	ug/l #	44
5) Bromomethane	2.668	94	101	3.057	ug/l #	68
10) Methyl Iodide	4.107	142	388	19.183	ug/l #	56
16) Acetone	3.954	43	364	84.290	ug/l #	47
20) Methylene Chloride	4.698	84	203	Below Cal	#	40
25) 2-Butanone	6.954	43	19	2.813	ug/l #	54
37) Ethyl Acetate	6.954	43	19	1.114	ug/l #	72
38) Carbon Tetrachloride	7.777	117	57	1.678	ug/l #	11
51) 4-Methyl-2-Pentanone	10.087	43	19	1.076	ug/l #	40
76) 1,2,3-Trichloropropane	12.483	75	424	61.275	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	424	136.241	ug/l #	7

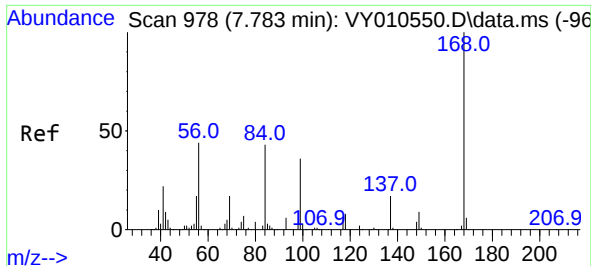
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
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Quant Time: Sep 22 06:10:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

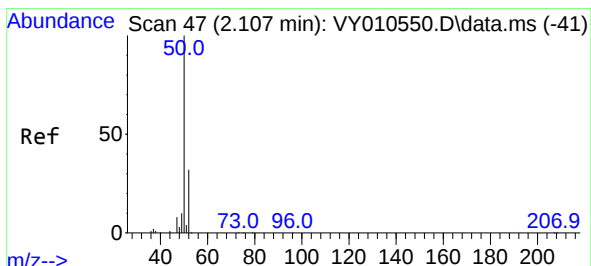
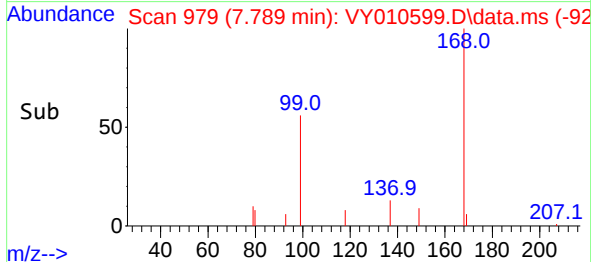
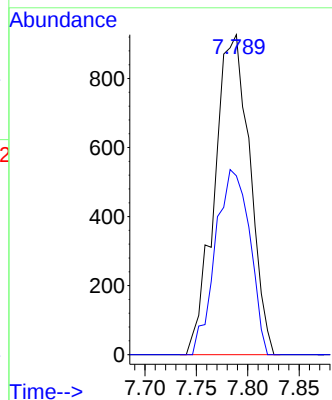
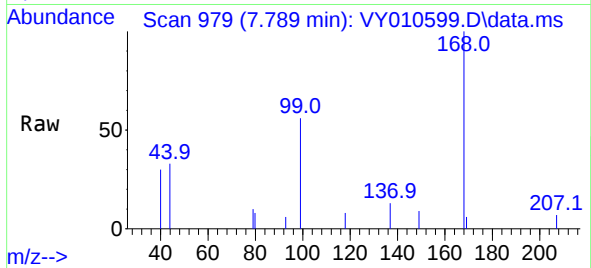




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

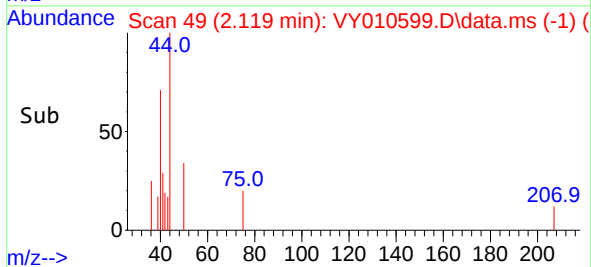
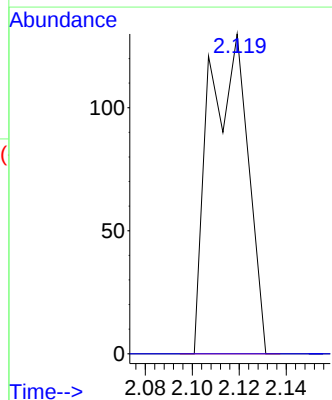
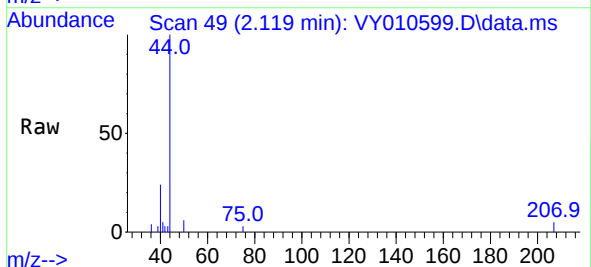
Instrument :
MSVOA_Y
ClientSampleId :

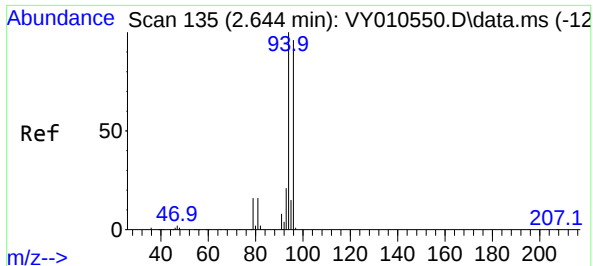
Tgt Ion:168 Resp: 2214
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#3
Chloromethane
Concen: 5.914 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

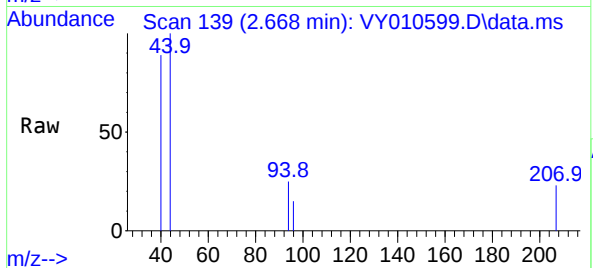
Tgt Ion: 50 Resp: 149
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



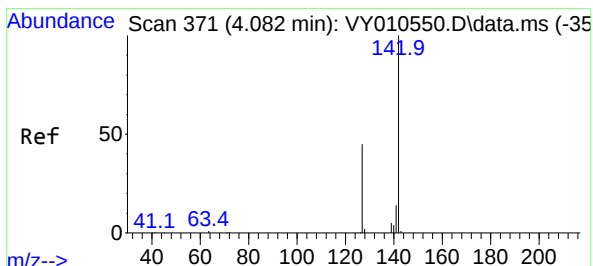
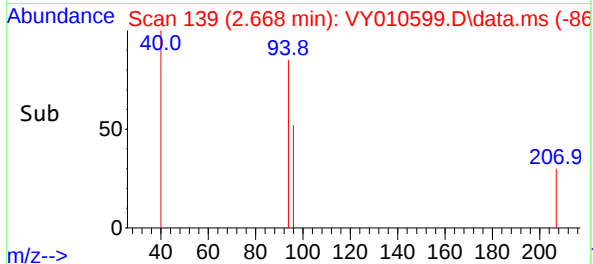
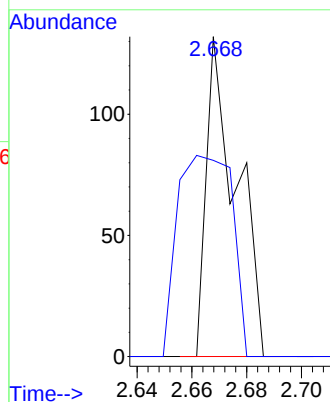


#5
Bromomethane
Concen: 3.057 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

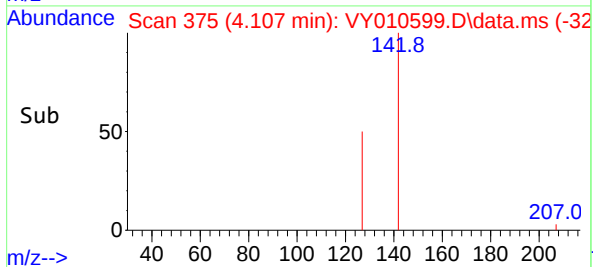
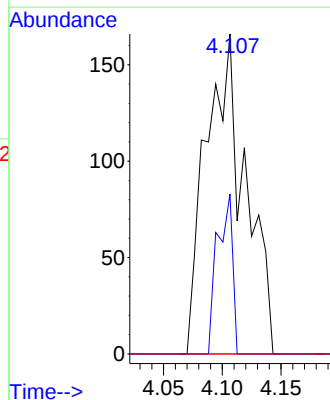
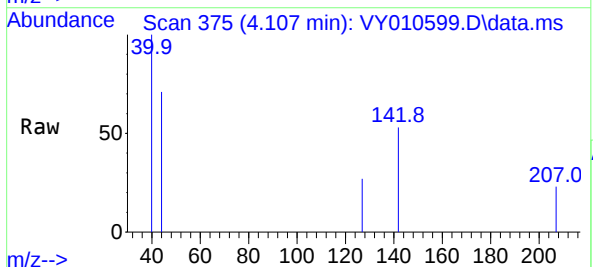


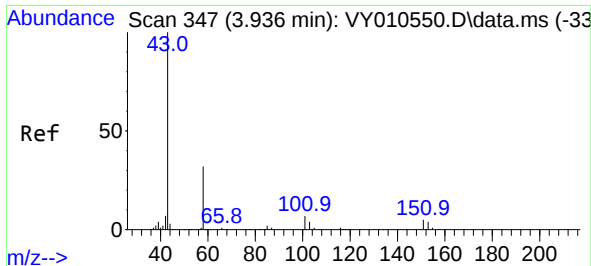
Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 61.4 73.5 110.3#



#10
Methyl Iodide
Concen: 19.183 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
142 100
127 19.3 41.5 62.3#
141 0.0 11.9 17.9#

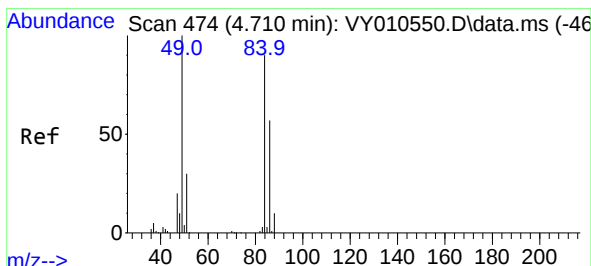
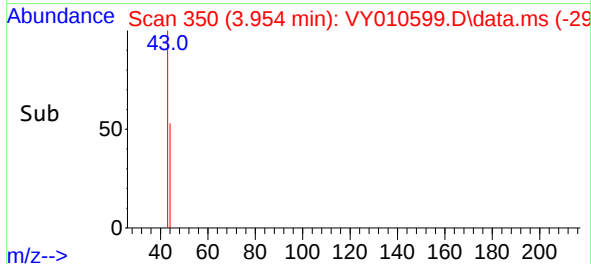
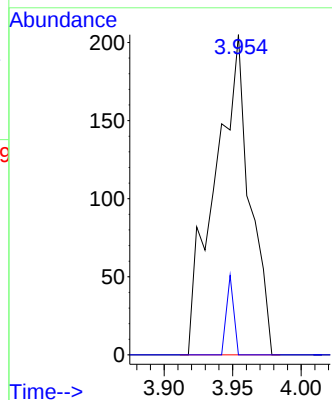
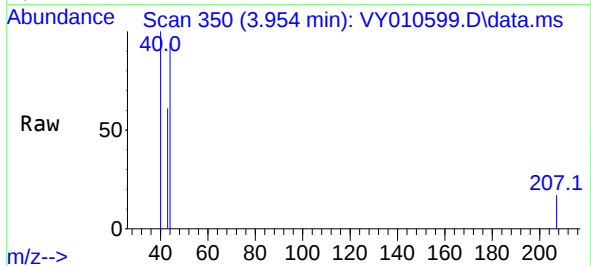




#16
Acetone
Concen: 84.290 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

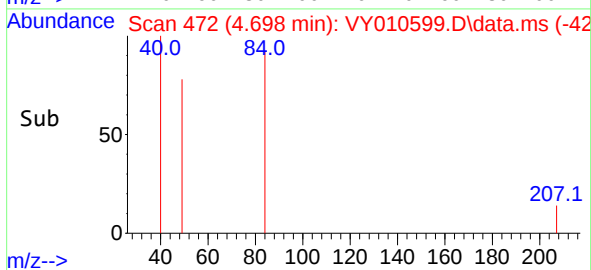
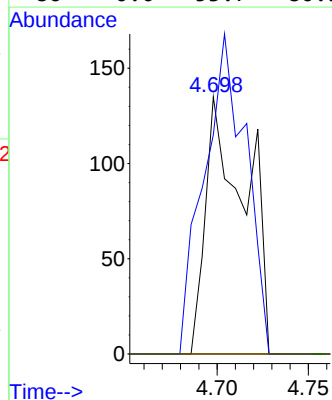
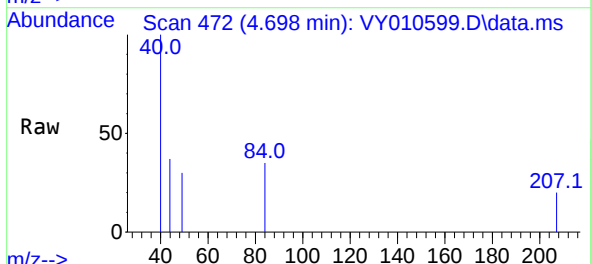
Instrument :
MSVOA_Y
ClientSampleId :

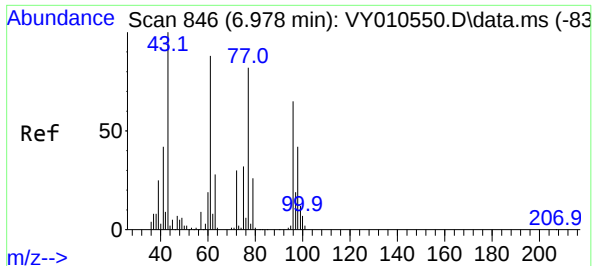
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Tgt Ion: 84 Resp: 203
Ion Ratio Lower Upper
84 100
49 85.2 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#25

2-Butanone

Concen: 2.813 ug/l

RT: 6.954 min Scan# 84

Delta R.T. -0.024 min

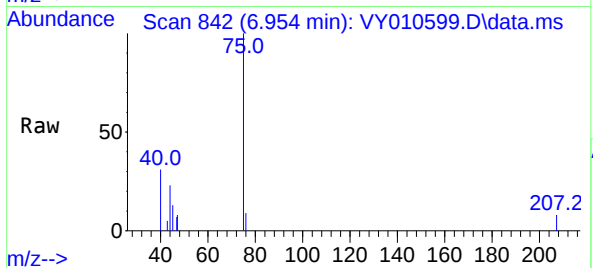
Lab File: VY010599.D

Acq: 21 Sep 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

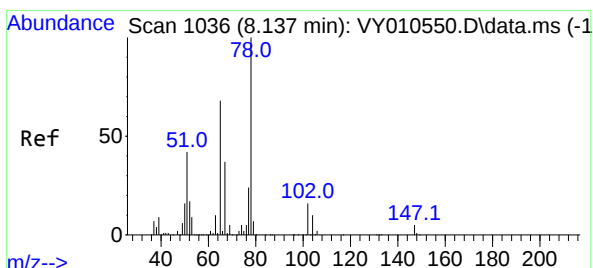
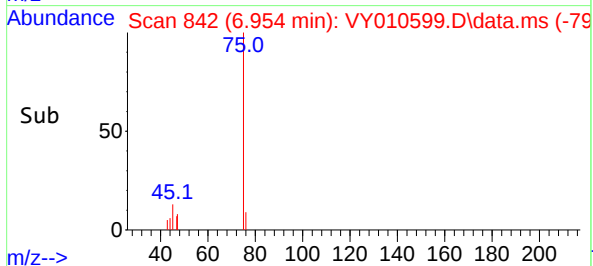
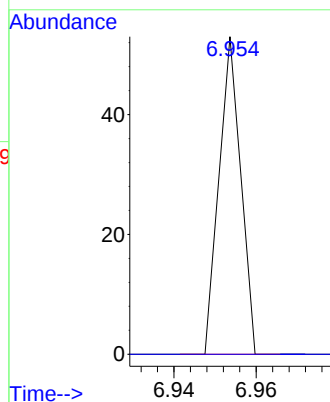


Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 61.436 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.005 min

Lab File: VY010599.D

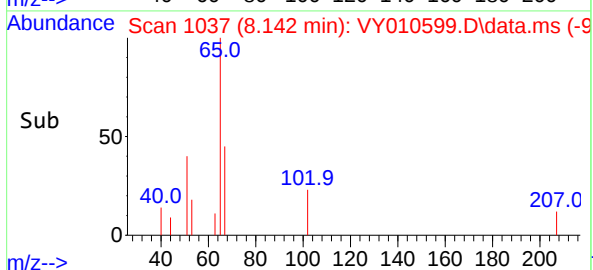
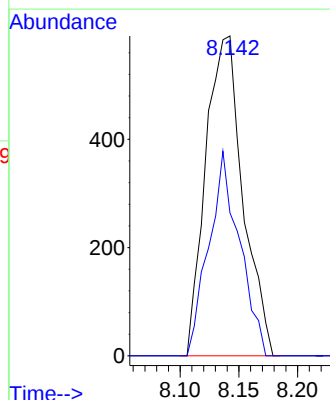
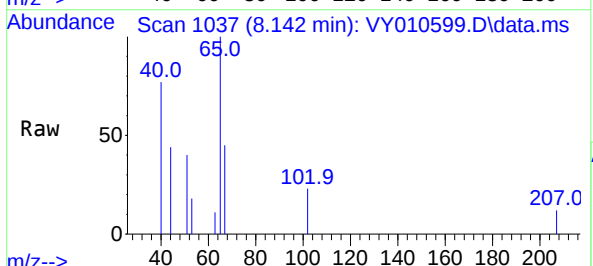
Acq: 21 Sep 2022 15:21

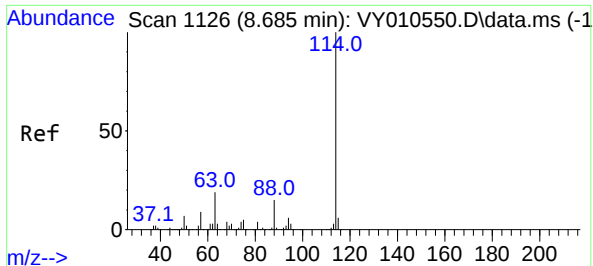
Tgt Ion: 65 Resp: 1301

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010599.D

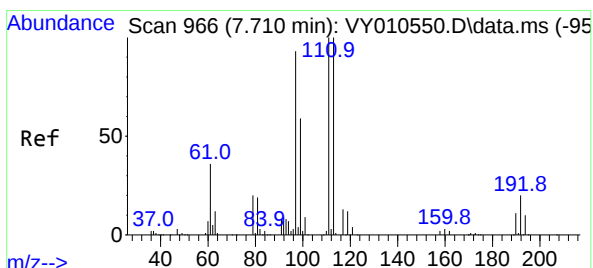
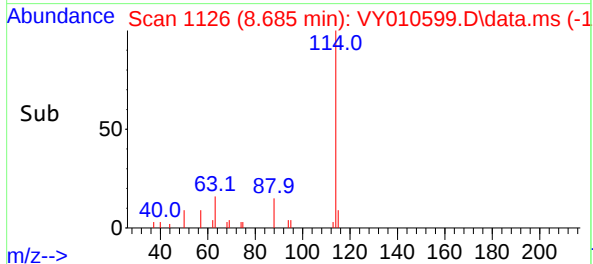
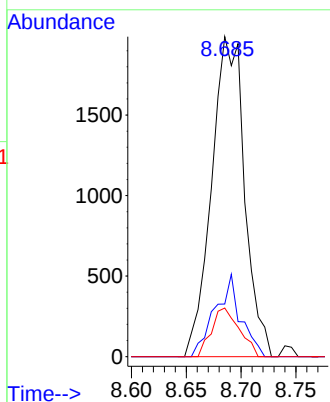
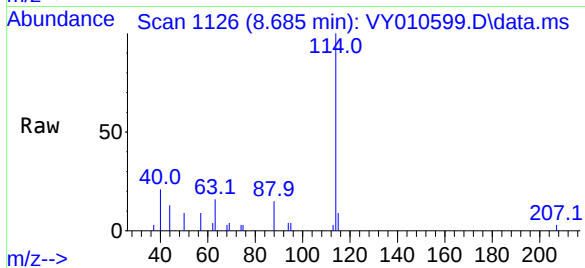
Acq: 21 Sep 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	4154
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	43.2
88	15.2	0.0	31.8



#35

Dibromofluoromethane

Concen: 11.731 ug/l

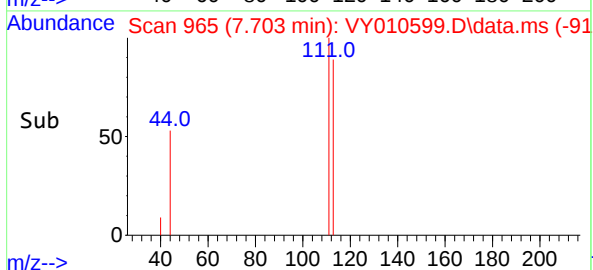
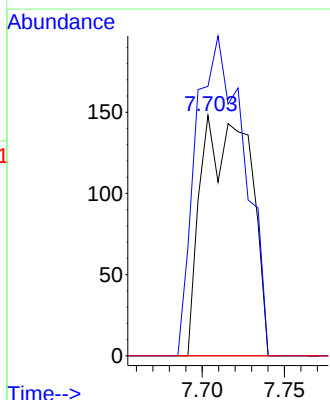
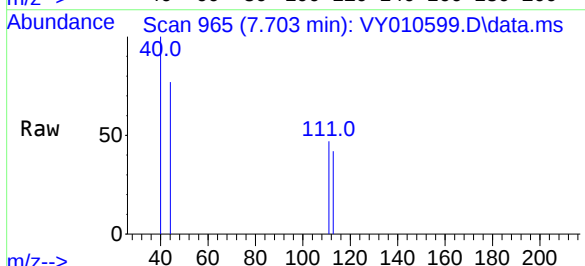
RT: 7.703 min Scan# 965

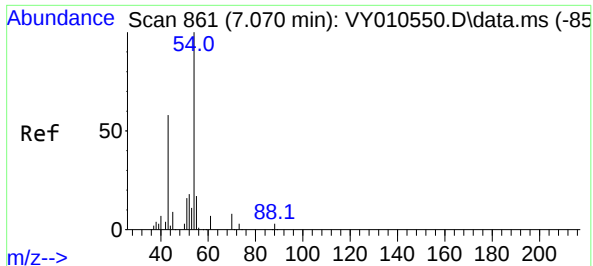
Delta R.T. -0.007 min

Lab File: VY010599.D

Acq: 21 Sep 2022 15:21

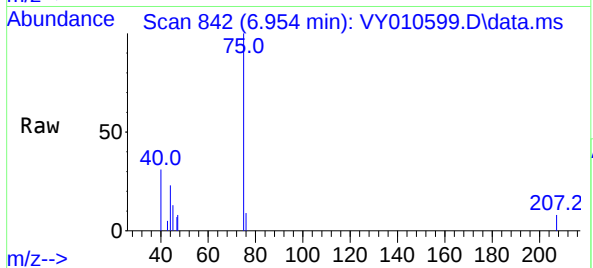
Tgt Ion:	113	Resp:	311
Ion	Ratio	Lower	Upper
113	100		
111	129.6	82.6	124.0#
192	0.0	17.6	26.4#



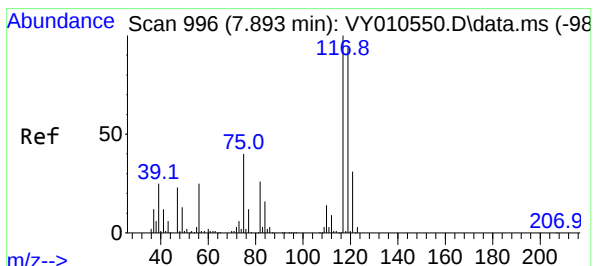
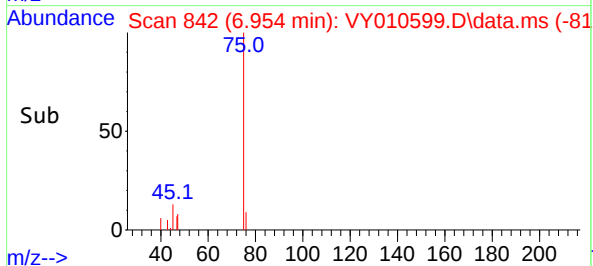
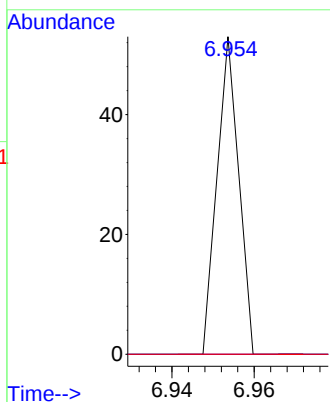


#37
Ethyl Acetate
Concen: 1.114 ug/l
RT: 6.954 min Scan# 84
Delta R.T. -0.116 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

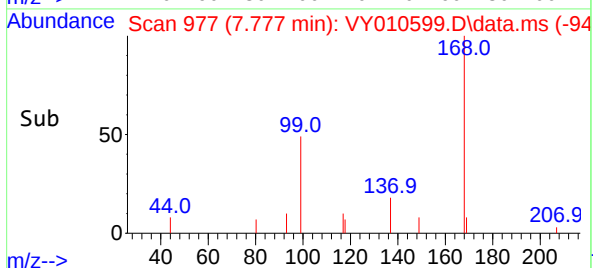
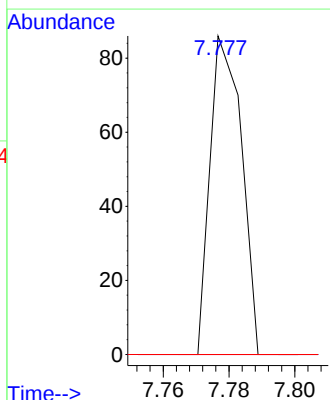
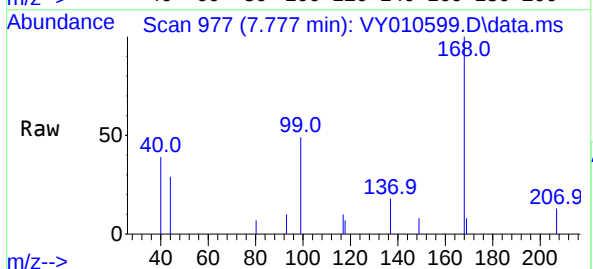


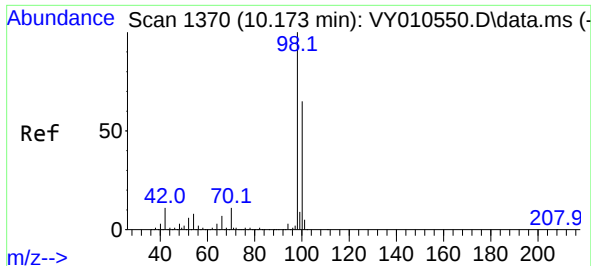
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 1.678 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Tgt Ion: 117 Resp: 57
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

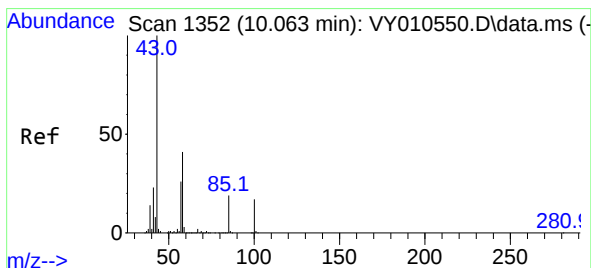
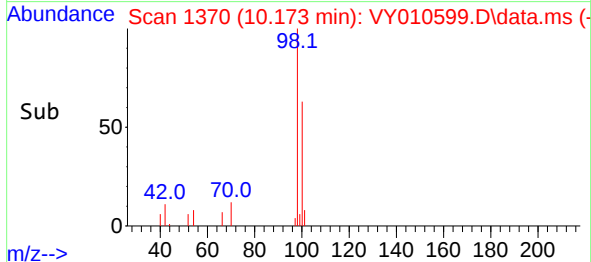
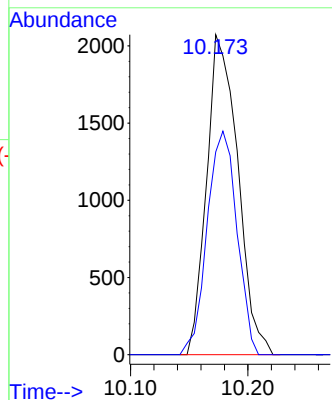
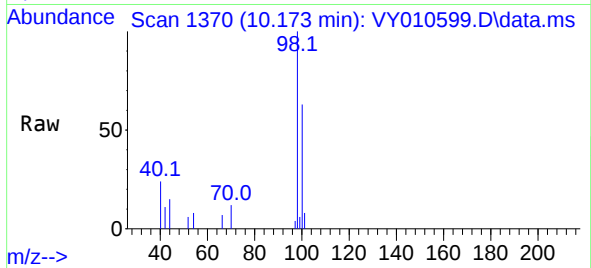




#50
Toluene-d8
Concen: 39.724 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

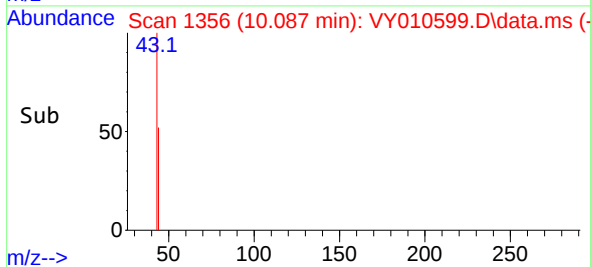
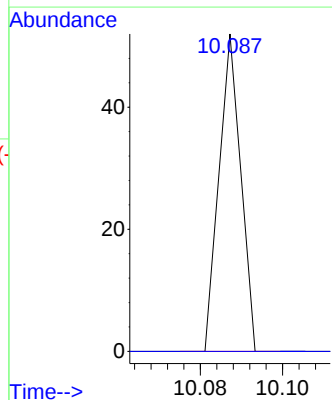
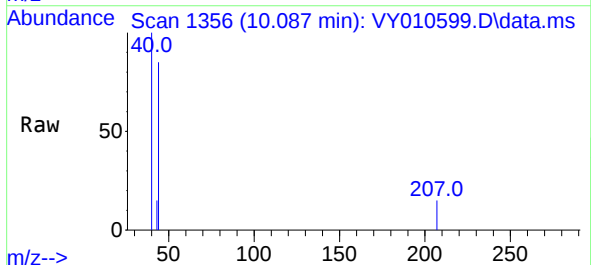
Instrument :
MSVOA_Y
ClientSampleId :

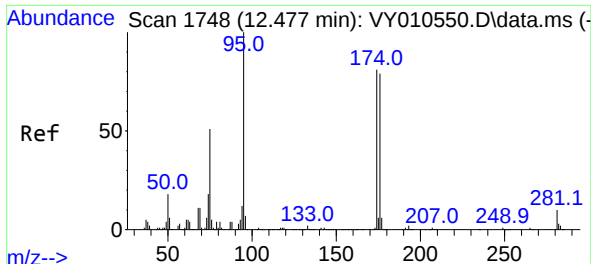
Tgt Ion: 98 Resp: 3825
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.076 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.024 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

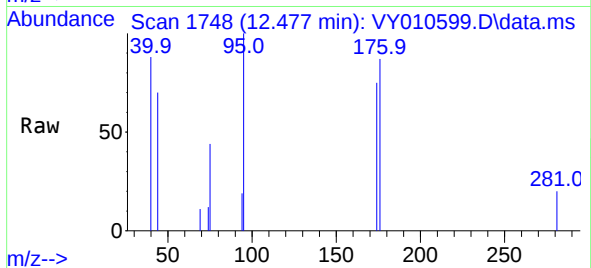
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



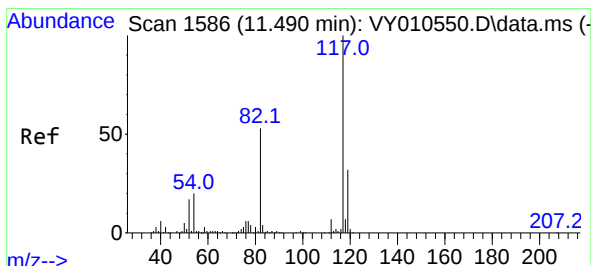
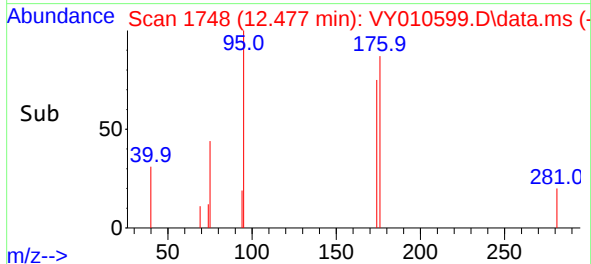
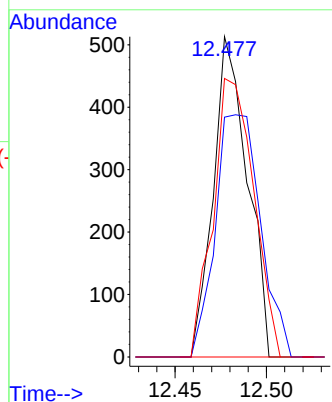


#62
4-Bromofluorobenzene
Concen: 16.477 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

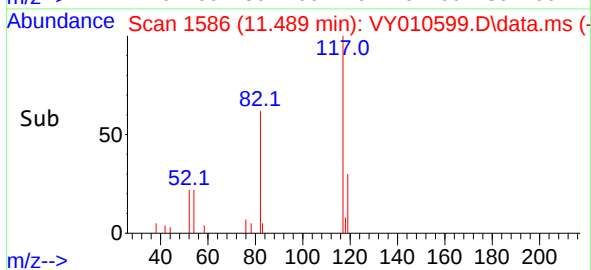
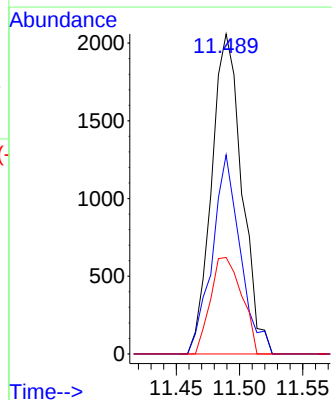
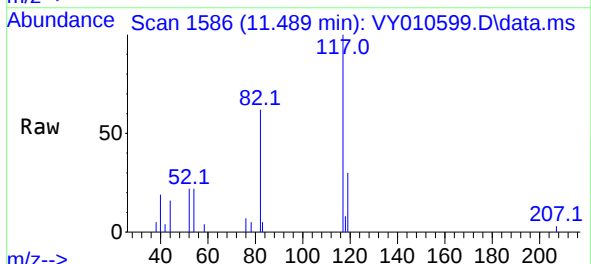


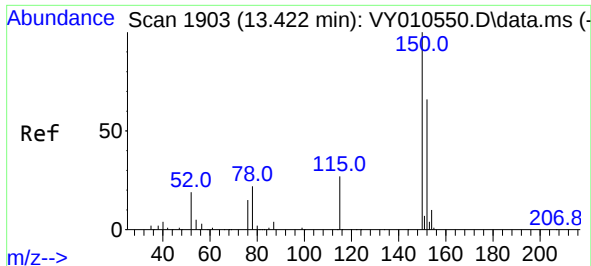
Tgt Ion: 95	Resp: 665		
Ion Ratio	Lower	Upper	
95 100			
174 100.3	0.0	177.0	
176 103.9	0.0	175.8	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

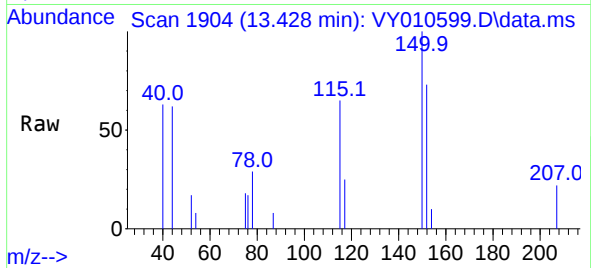
Tgt Ion:117	Resp:	3439	
Ion	Ratio	Lower	Upper
117	100		
82	62.2	43.0	64.4
119	30.2	25.4	38.0



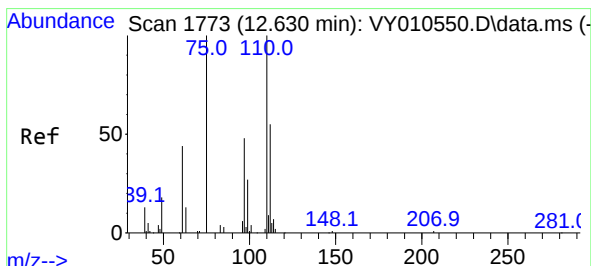
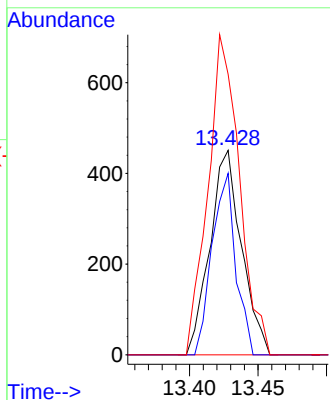
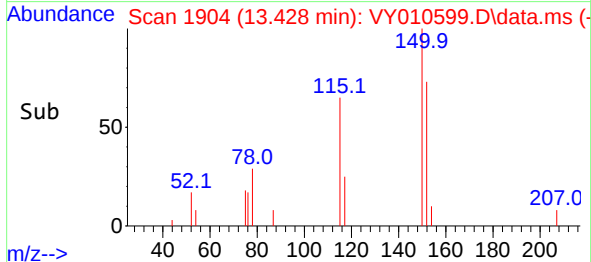


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21

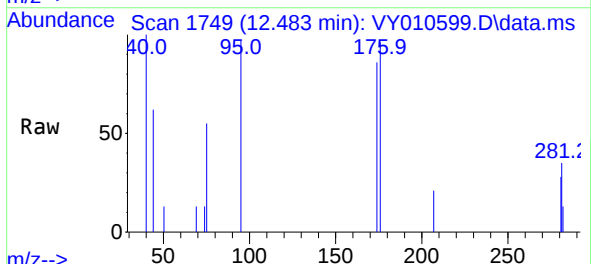
Instrument :
MSVOA_Y
ClientSampleId :



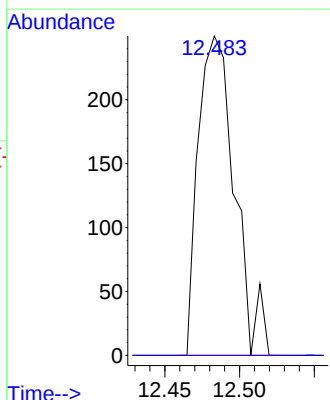
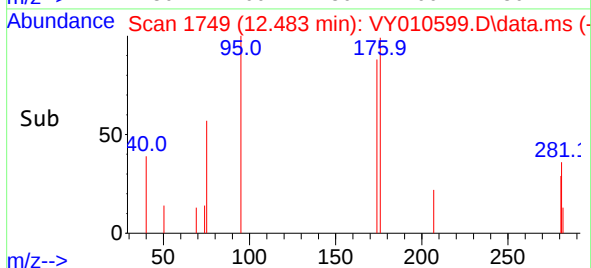
Tgt Ion:152 Resp: 725
Ion Ratio Lower Upper
152 100
115 66.1 28.2 84.7
150 155.4 0.0 347.6

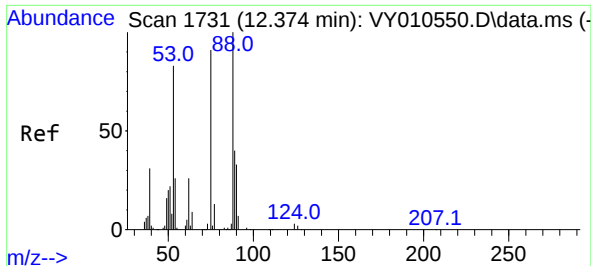


#76
1,2,3-Trichloropropane
Concen: 61.275 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010599.D
Acq: 21 Sep 2022 15:21



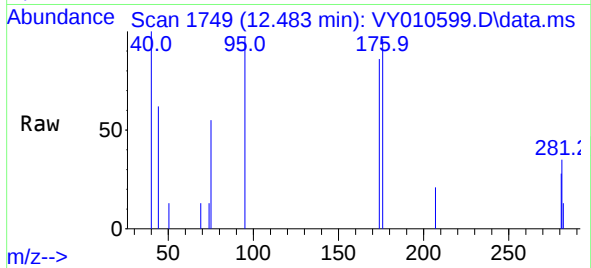
Tgt Ion: 75 Resp: 424
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.241 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY010599.D
 Acq: 21 Sep 2022 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	424
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

