

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006211.D
 Acq On : 29 Sep 2021 14:33
 Operator : SY/MD
 Sample : M3970-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092821

Quant Time: Sep 30 07:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1372	80.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.860%	
35) Dibromofluoromethane	7.722	113	447	29.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 58.200%	
50) Toluene-d8	10.185	98	3411	53.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.483	95	1137	52.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.120%	

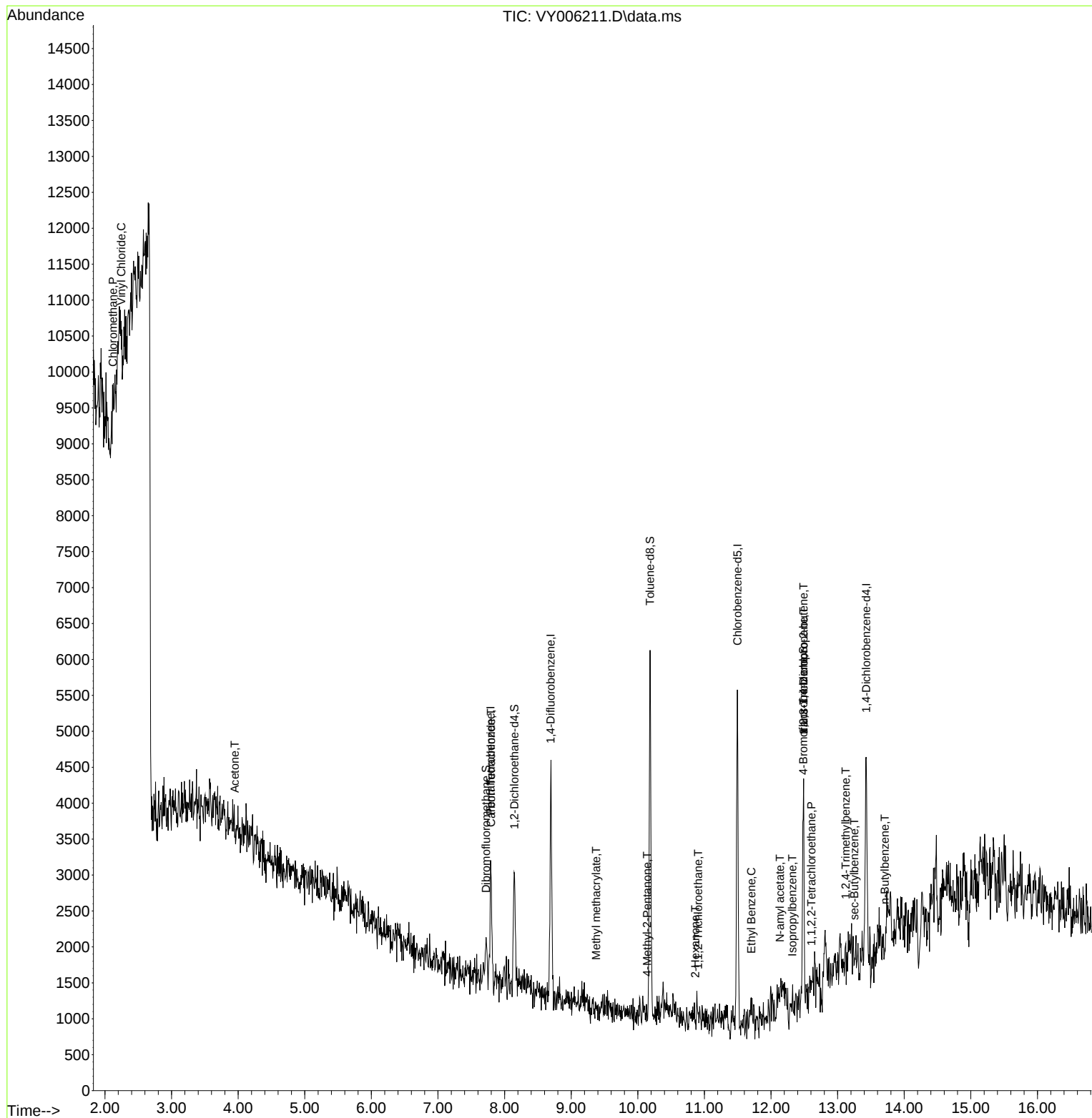
Target Compounds			Qvalue			
3) Chloromethane	2.119	50	48	2.565	ug/l	# 44
4) Vinyl Chloride	2.247	62	424	20.443	ug/l	# 43
16) Acetone	3.948	43	22	4.646	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	42	1.391	ug/l	# 11
48) Methyl methacrylate	9.374	41	19	1.239	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.142	43	45	2.712	ug/l	# 40
55) 1,1,2-Trichloroethane	10.904	97	48	3.207	ug/l	# 15
59) 2-Hexanone	10.862	43	25	2.115	ug/l	# 28
67) Ethyl Benzene	11.703	91	95	1.040	ug/l	# 44
73) Isopropylbenzene	12.319	105	75	1.385	ug/l	# 48
74) N-amyl acetate	12.136	43	79	4.700	ug/l	# 47
75) 1,1,2,2-Tetrachloroethane	12.605	83	19	1.943	ug/l	# 26
76) 1,2,3-Trichloropropane	12.489	75	642	87.371	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	642	171.698	ug/l	# 7
84) 1,2,4-Trimethylbenzene	13.123	105	187	4.182	ug/l	# 46
85) sec-Butylbenzene	13.251	105	118	2.017	ug/l	# 56
89) n-Butylbenzene	13.709	91	60	1.279	ug/l	# 33

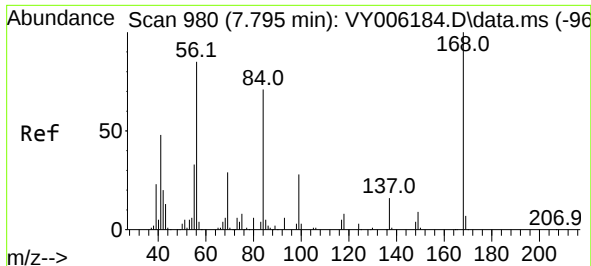
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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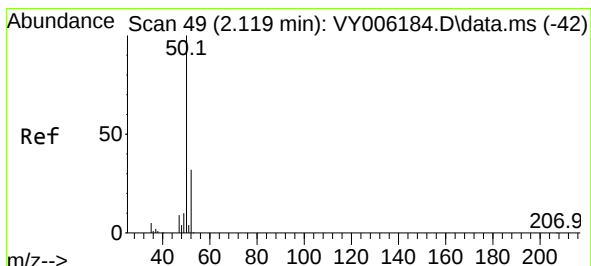
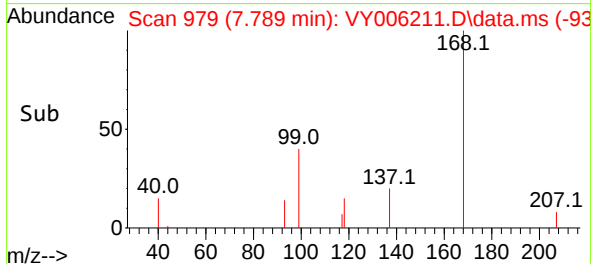
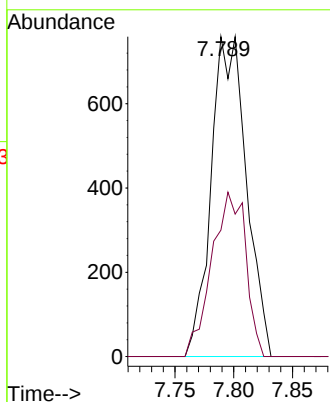
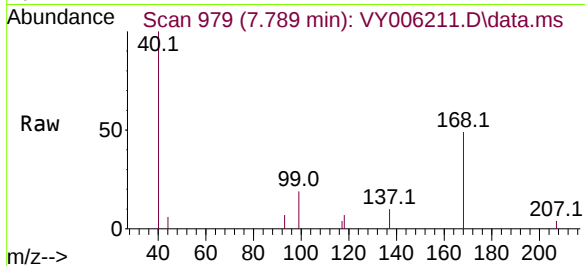




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

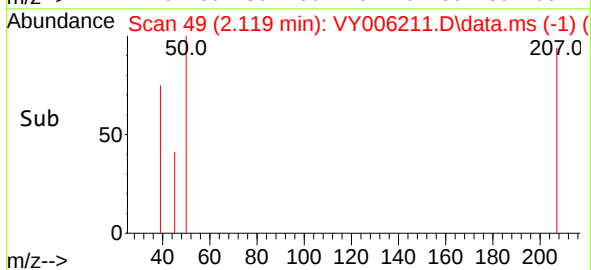
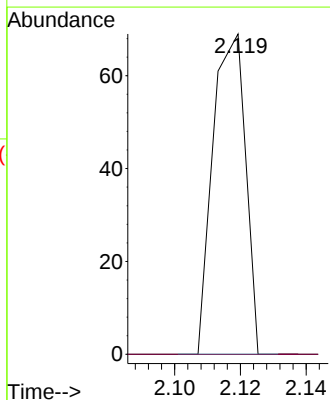
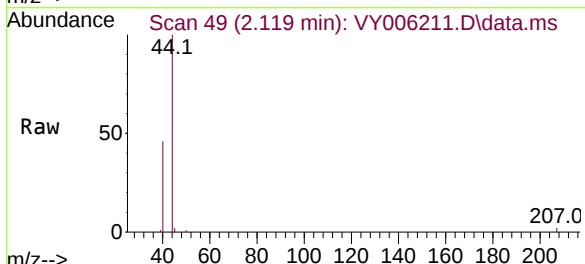
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821

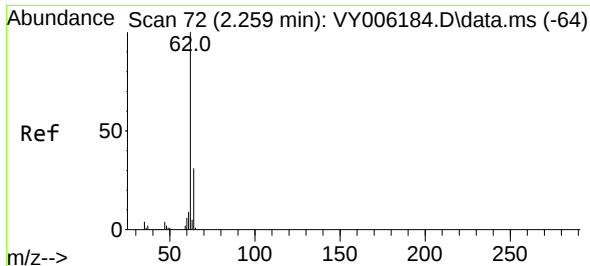
Tgt Ion:168 Resp: 1584
Ion Ratio Lower Upper
168 100
99 39.5 46.9 70.3#



#3
Chloromethane
Concen: 2.565 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion: 50 Resp: 48
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

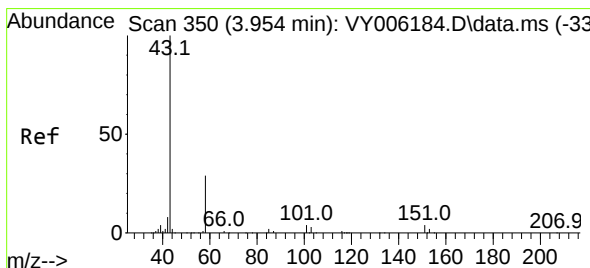
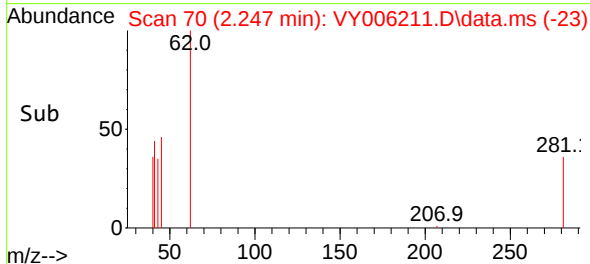
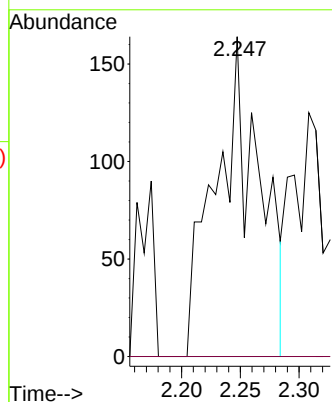
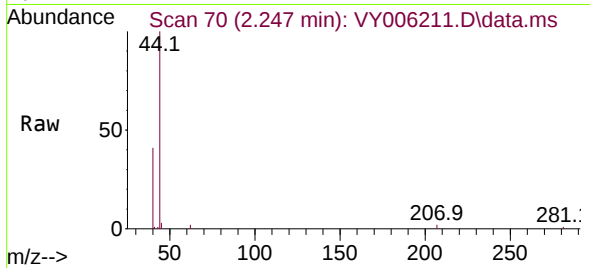




#4
 Vinyl Chloride
 Concen: 20.443 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: VY006211.D
 Acq: 29 Sep 2021 14:33

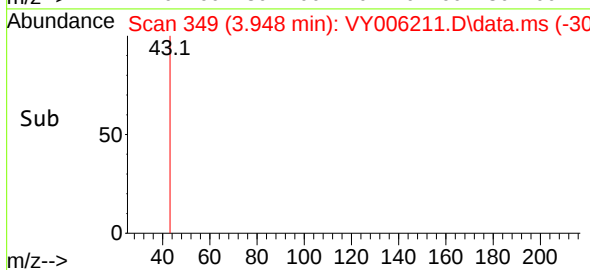
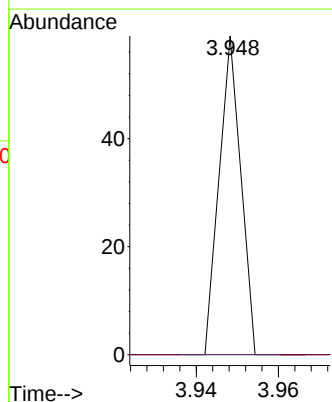
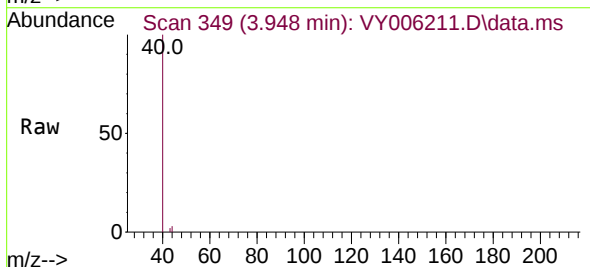
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092821

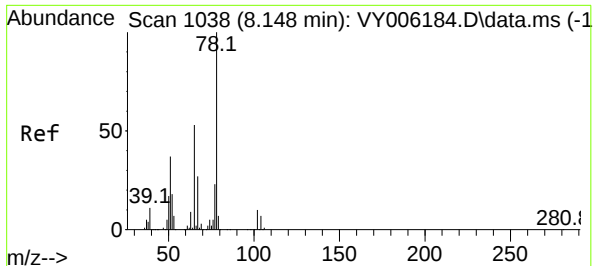
Tgt Ion: 62 Resp: 424
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#16
 Acetone
 Concen: 4.646 ug/l
 RT: 3.948 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VY006211.D
 Acq: 29 Sep 2021 14:33

Tgt Ion: 43 Resp: 22
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.0 33.0#

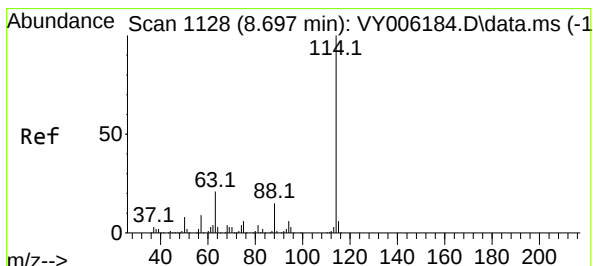
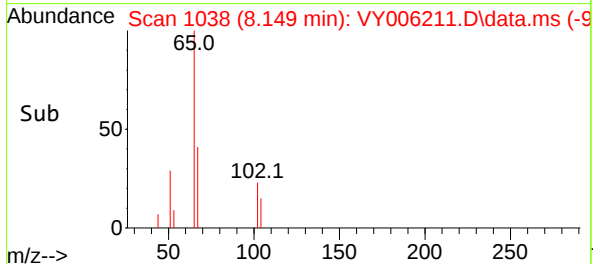
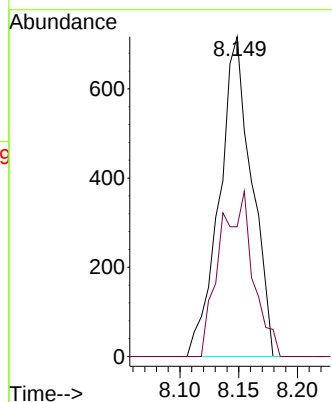
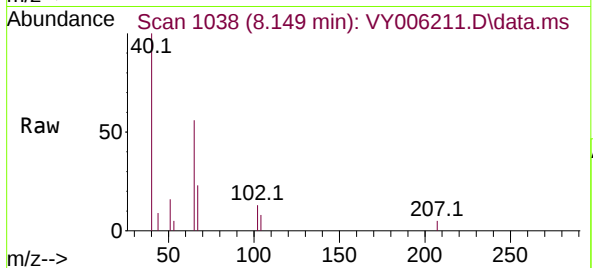




#33
1,2-Dichloroethane-d4
Concen: 80.928 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

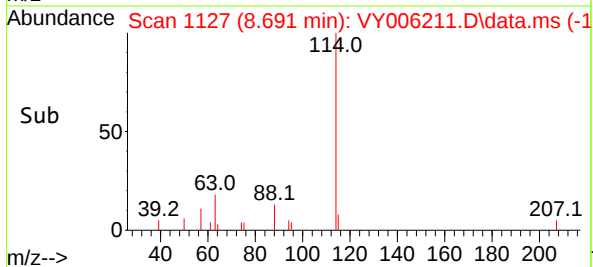
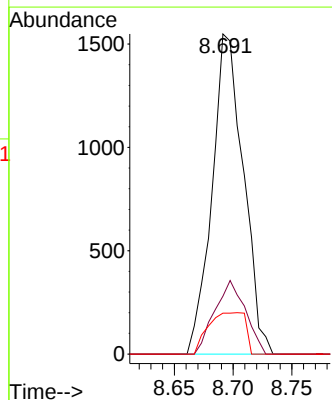
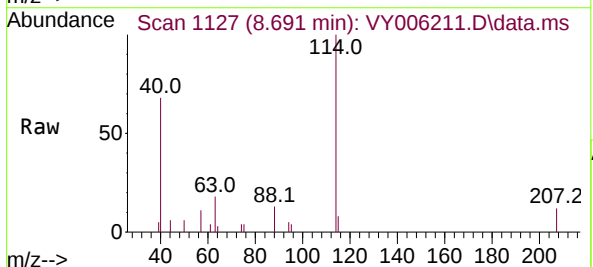
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821

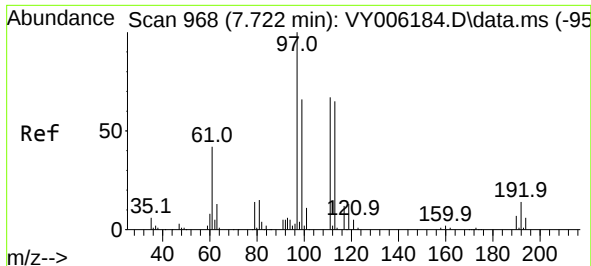
Tgt Ion: 65 Resp: 1372
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion: 114 Resp: 2875
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 12.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 29.102 ug/l

RT: 7.722 min Scan# 968

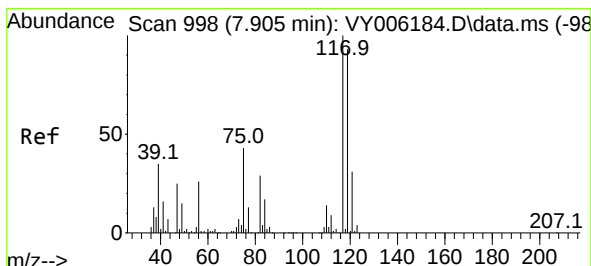
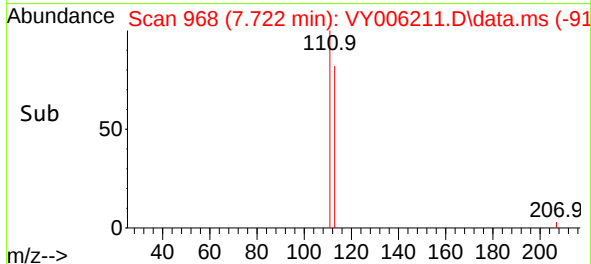
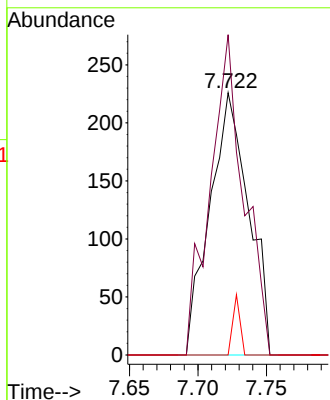
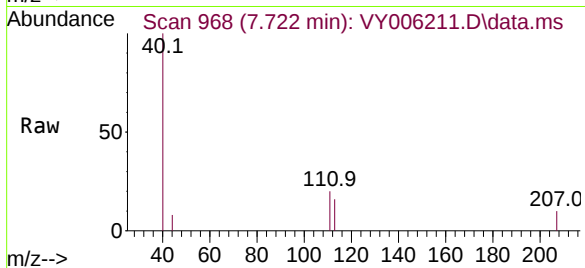
Delta R.T. 0.000 min

Lab File: VY006211.D

Acq: 29 Sep 2021 14:33

Tgt Ion:	113	Resp:	447
Ion	Ratio	Lower	Upper
113	100		
111	106.3	82.6	124.0
192	4.3	17.6	26.4#

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821



#38

Carbon Tetrachloride

Concen: 1.391 ug/l

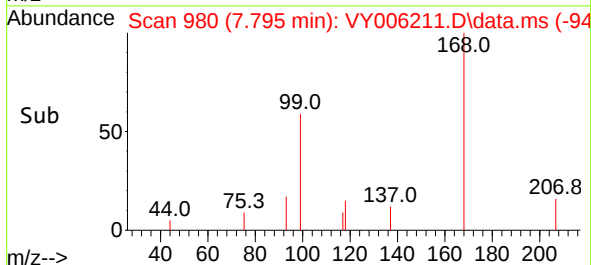
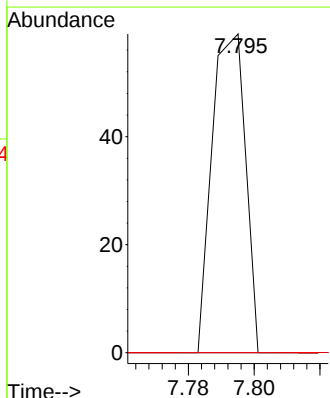
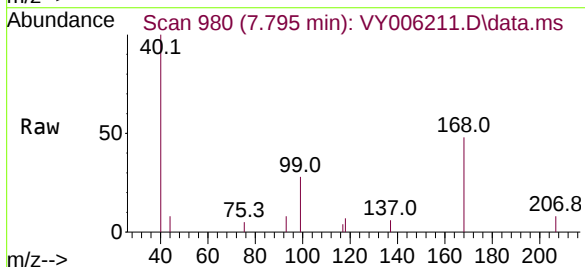
RT: 7.795 min Scan# 980

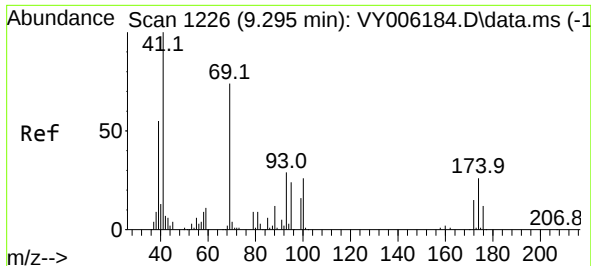
Delta R.T. -0.110 min

Lab File: VY006211.D

Acq: 29 Sep 2021 14:33

Tgt Ion:	117	Resp:	42
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.9	116.9#
121	0.0	24.8	37.2#

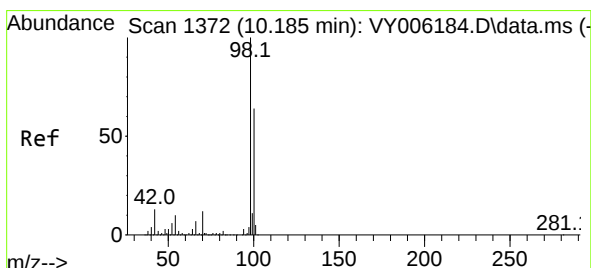
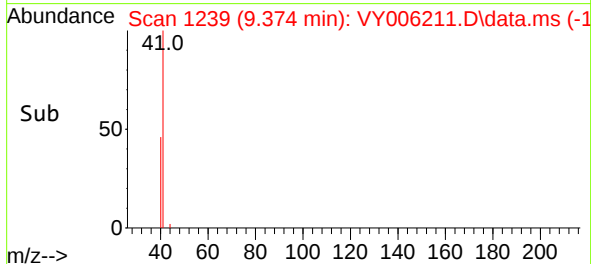
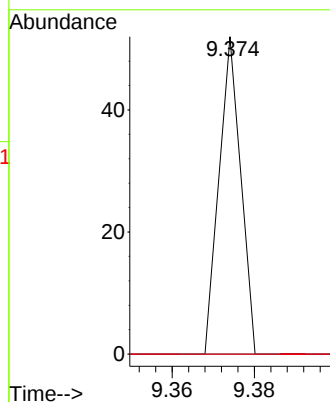
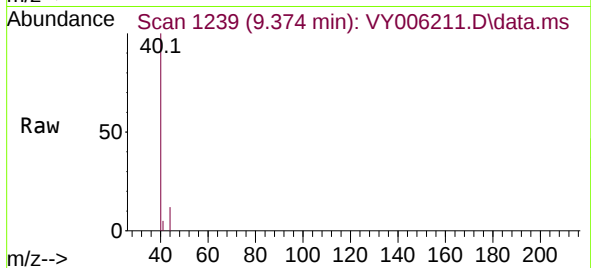




#48
Methyl methacrylate
Concen: 1.239 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.079 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

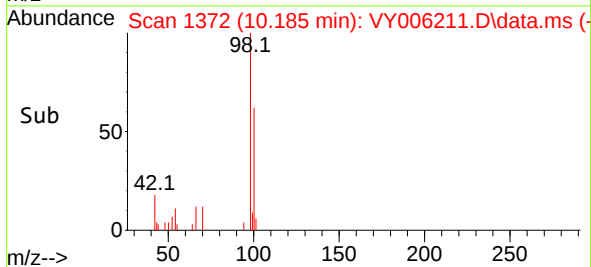
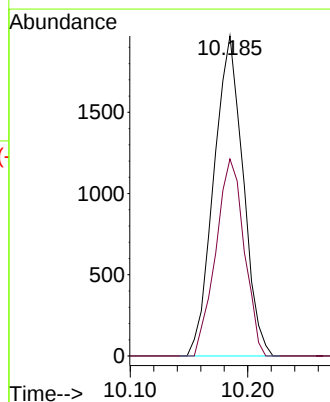
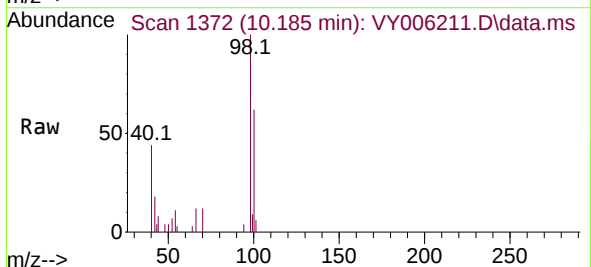
Instrument :
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ClientSampleId :
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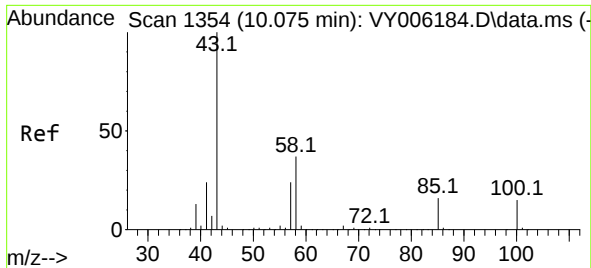
Tgt Ion:	41	Resp:	19
Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	0.0	47.4	71.0#



#50
Toluene-d8
Concen: 53.061 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion:	98	Resp:	3411
Ion	Ratio	Lower	Upper
98	100		
100	59.8	50.2	75.2

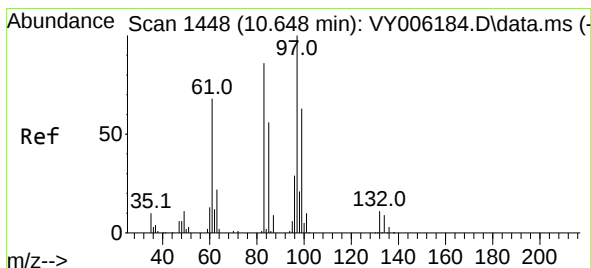
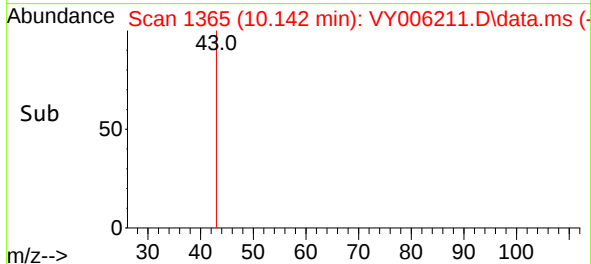
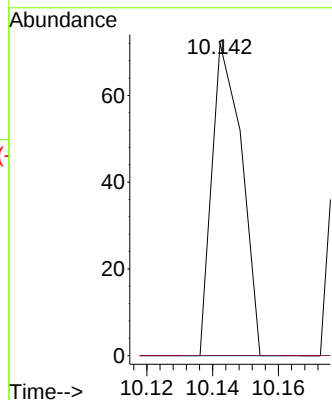
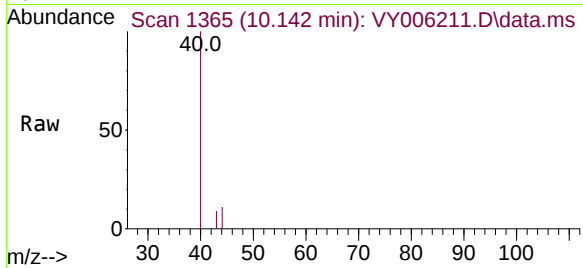




#51
4-Methyl-2-Pentanone
Concen: 2.712 ug/l
RT: 10.142 min Scan# 1365
Delta R.T. 0.067 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

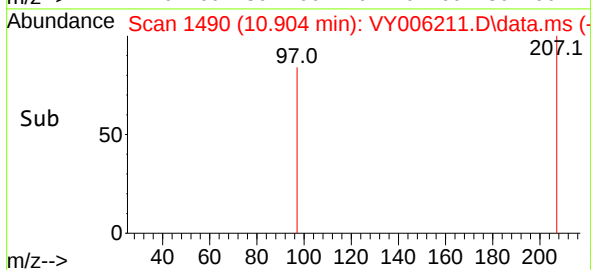
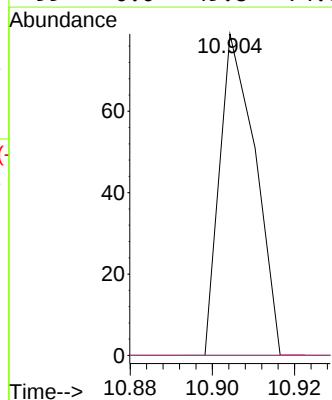
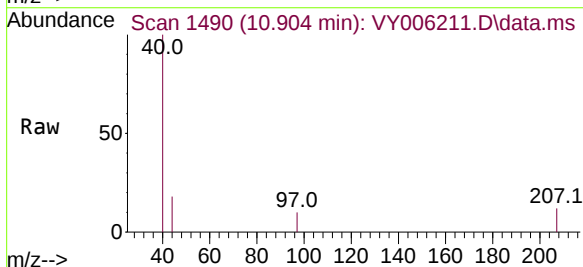
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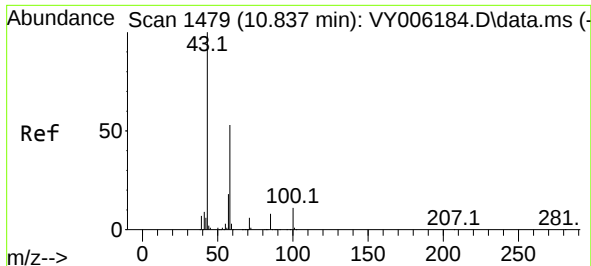
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



#55
1,1,2-Trichloroethane
Concen: 3.207 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. 0.256 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion: 97 Resp: 48
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#

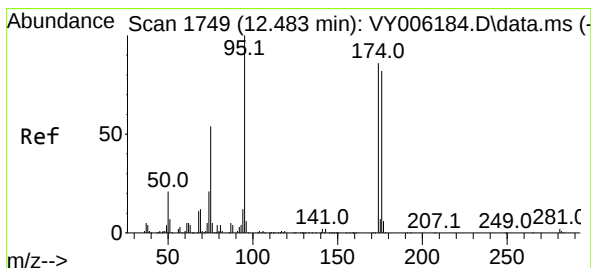
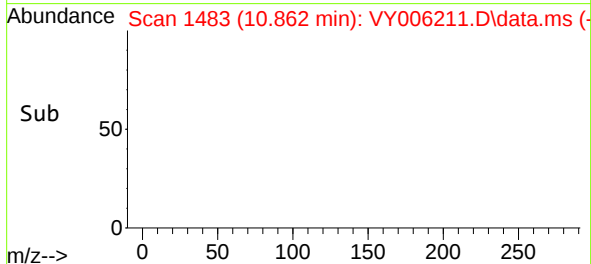
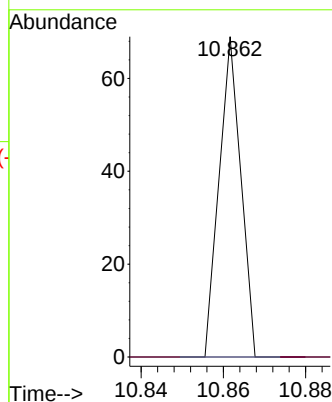
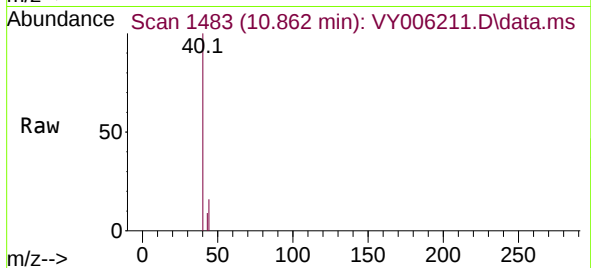




#59
2-Hexanone
Concen: 2.115 ug/l
RT: 10.862 min Scan# 1483
Delta R.T. 0.025 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

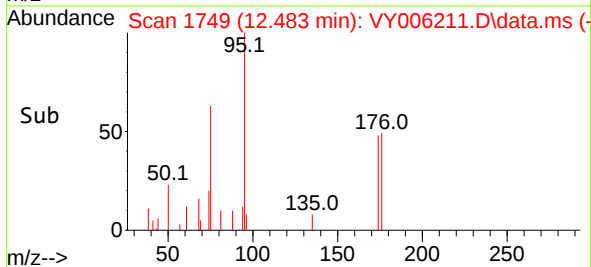
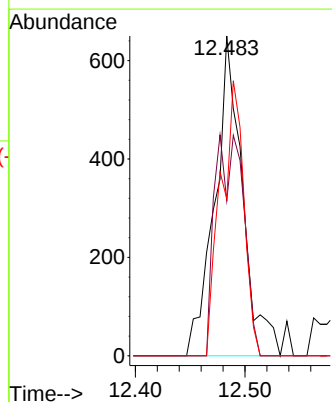
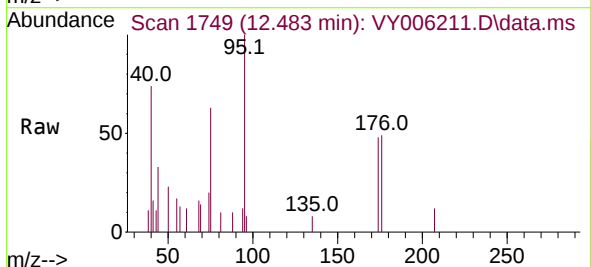
Instrument :
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TR-04-092821

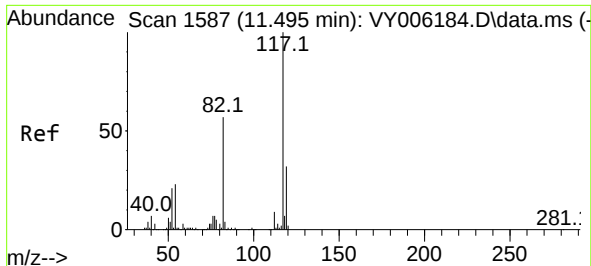
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 52.065 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion: 95 Resp: 1137
Ion Ratio Lower Upper
95 100
174 34.9 0.0 177.0
176 71.0 0.0 175.8

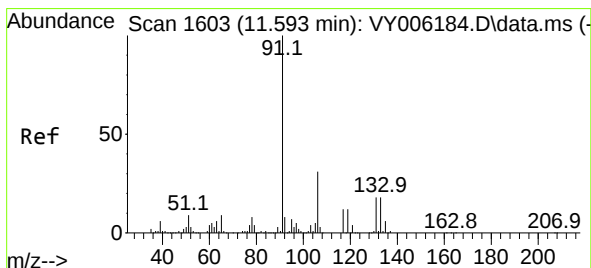
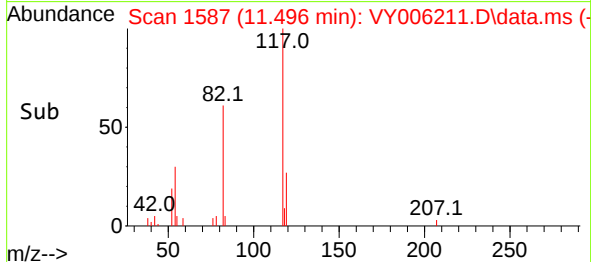
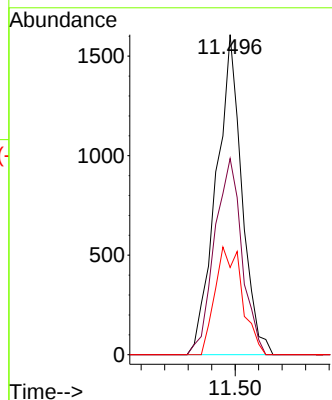
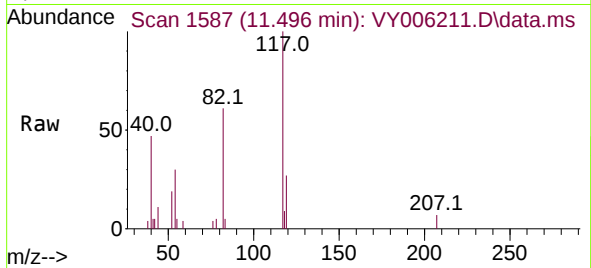




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

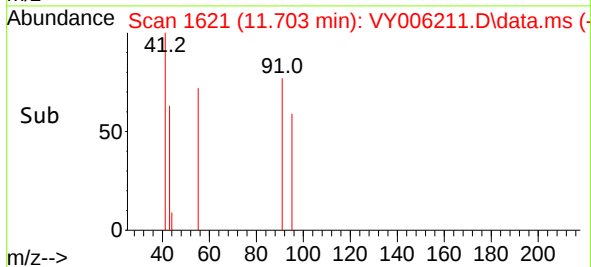
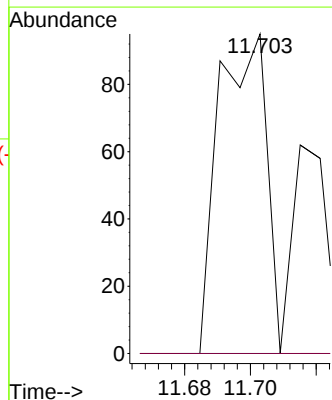
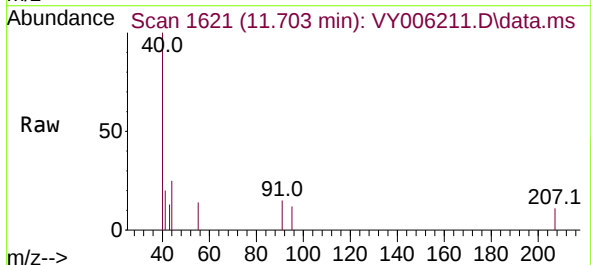
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821

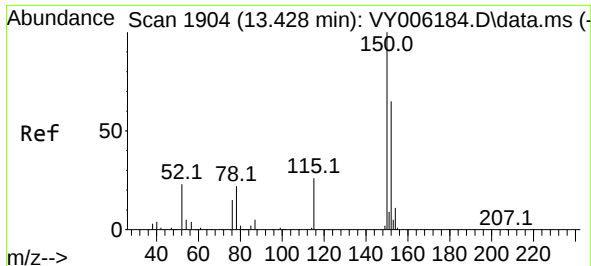
Tgt Ion:	117	Resp:	2446
Ion	Ratio	Lower	Upper
117	100		
82	61.3	43.0	64.4
119	27.2	25.4	38.0



#67
Ethyl Benzene
Concen: 1.040 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.110 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion:	91	Resp:	95
Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.5	36.7#

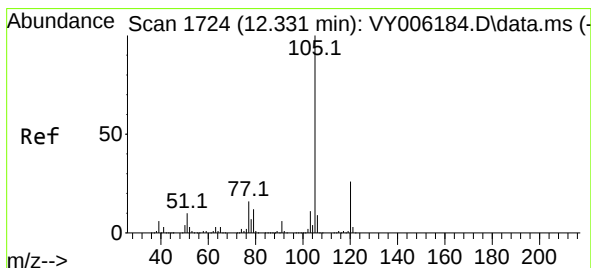
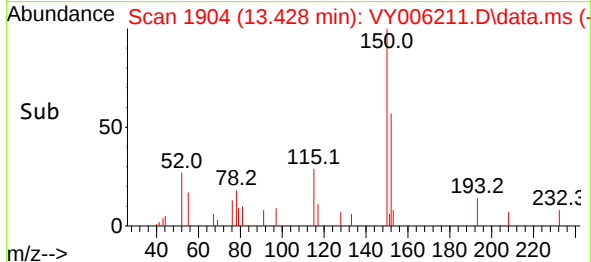
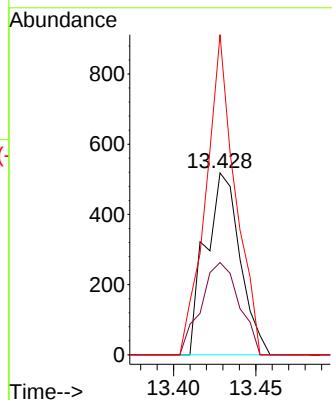
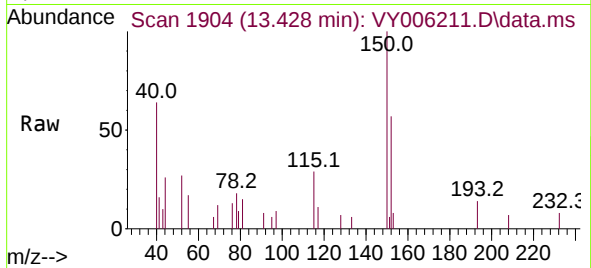




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

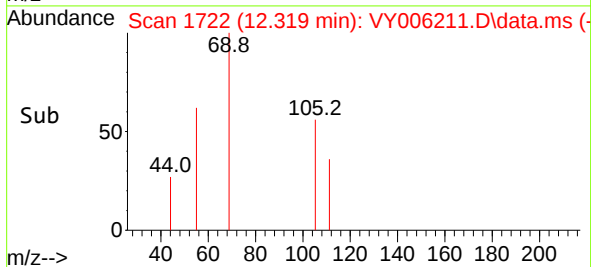
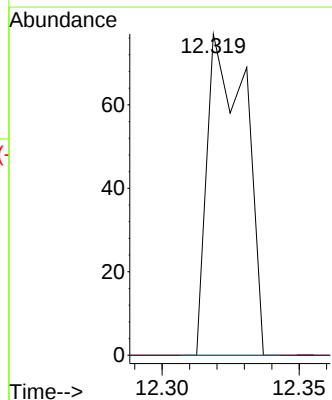
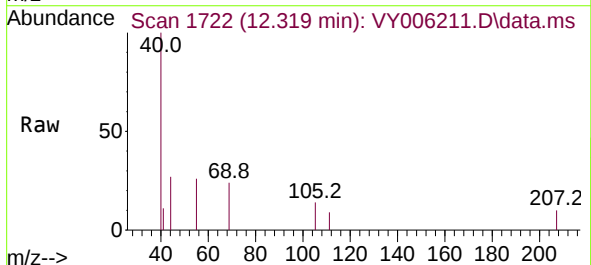
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821

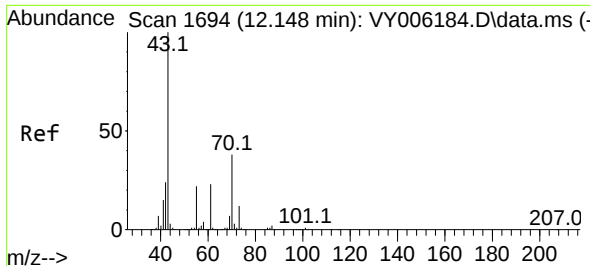
Tgt Ion:152 Resp: 756
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 149.3 0.0 347.6



#73
Isopropylbenzene
Concen: 1.385 ug/l
RT: 12.319 min Scan# 1722
Delta R.T. -0.012 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

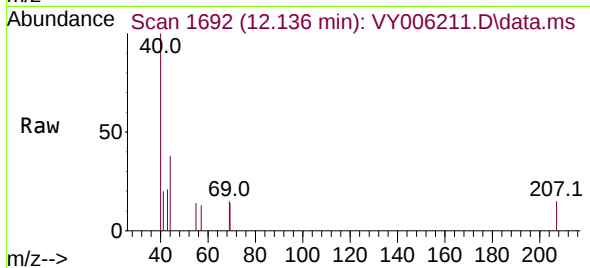
Tgt Ion:105 Resp: 75
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



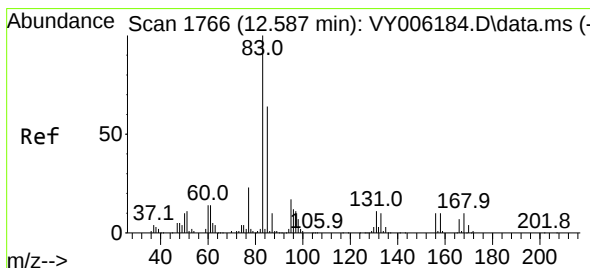
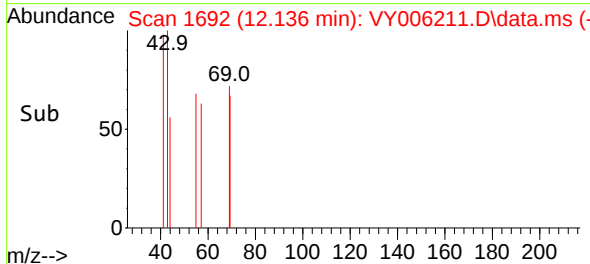
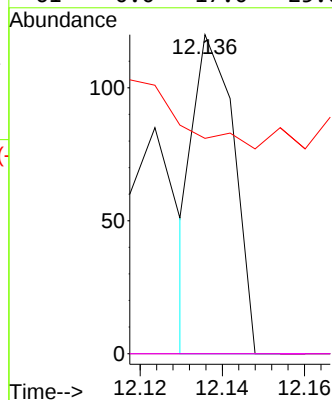


#74
N-amy1 acetate
Concen: 4.700 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821

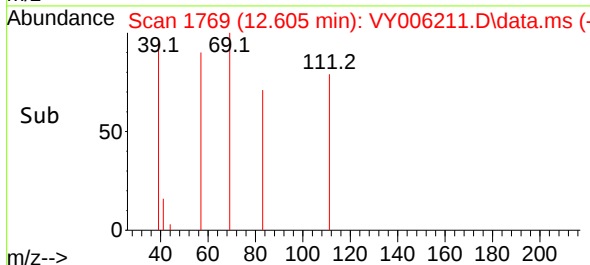
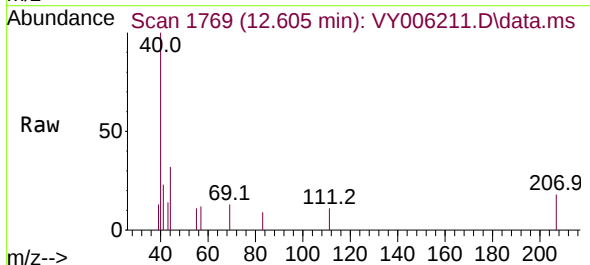
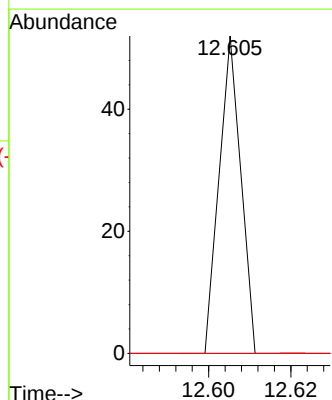


Tgt Ion:	43	Resp:	79
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#

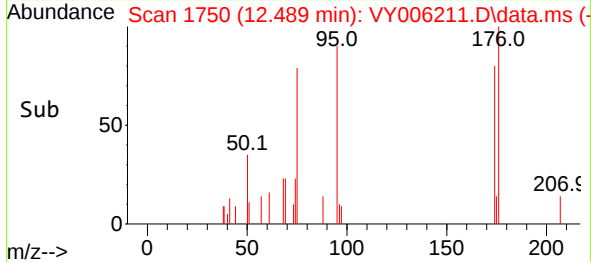
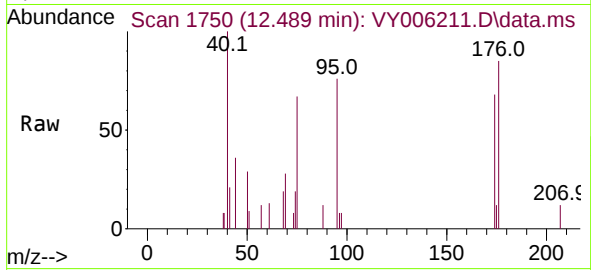
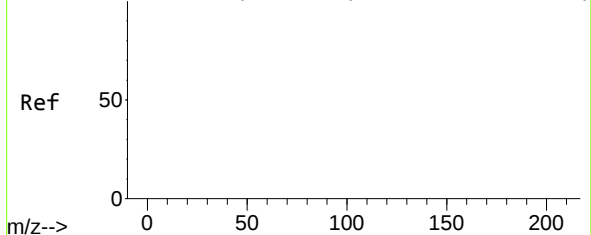


#75
1,1,2,2-Tetrachloroethane
Concen: 1.943 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.018 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion:	83	Resp:	19
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.3	96.8#

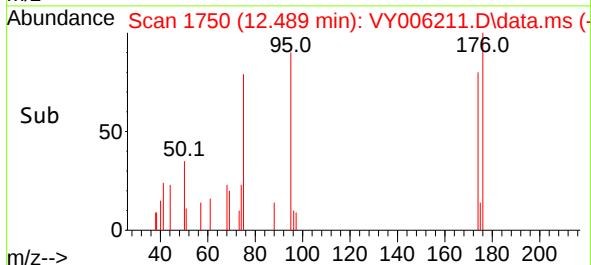
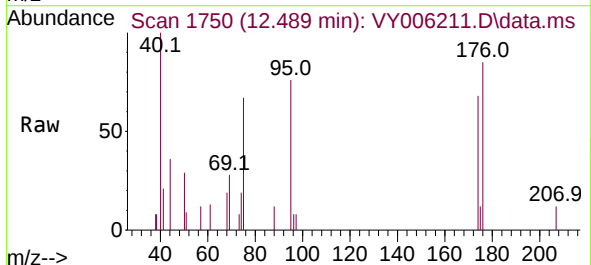
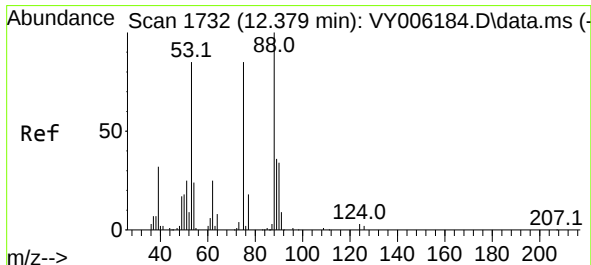
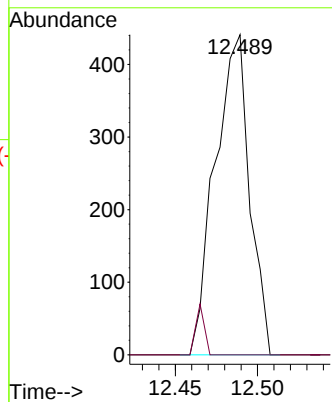


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



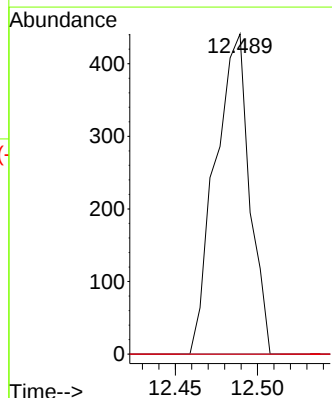
#76
1,2,3-Trichloropropane
Concen: 87.371 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

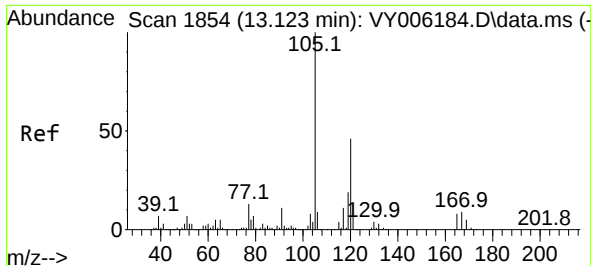


#81
trans-1,4-Dichloro-2-butene
Concen: 171.698 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



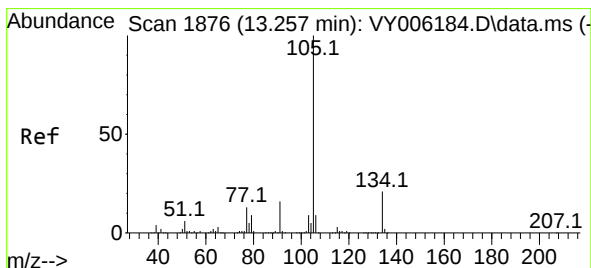
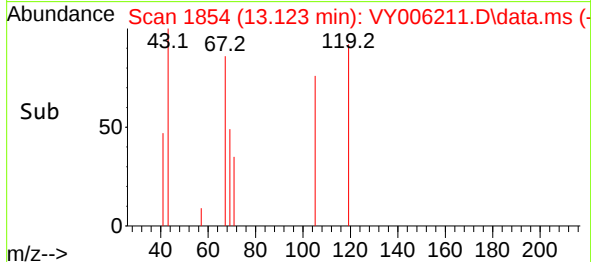
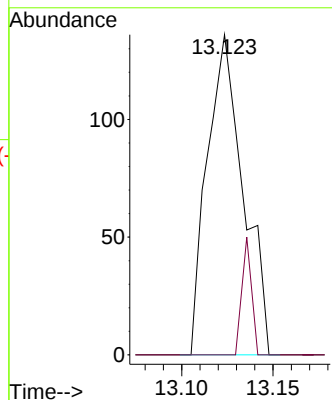
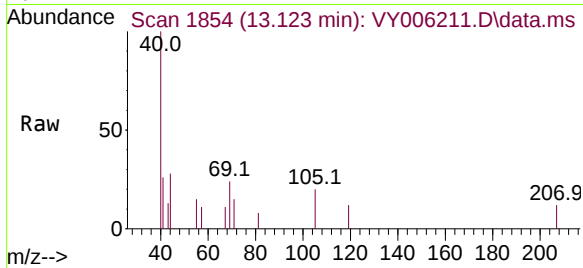
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821



#84
1,2,4-Trimethylbenzene
Concen: 4.182 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

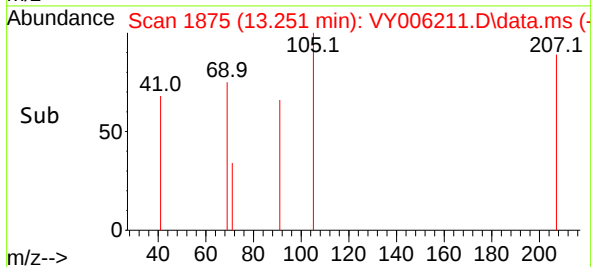
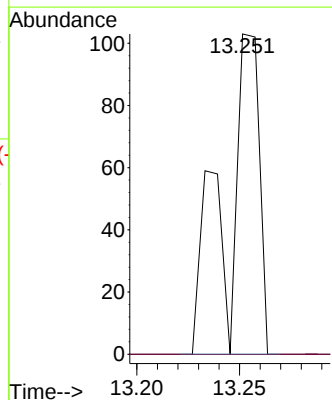
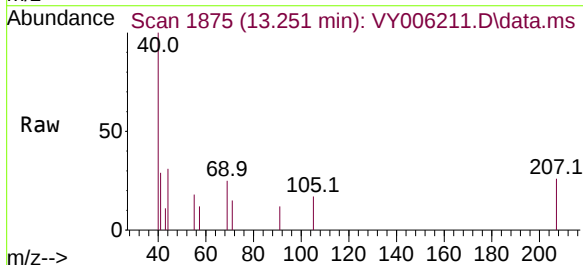
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092821

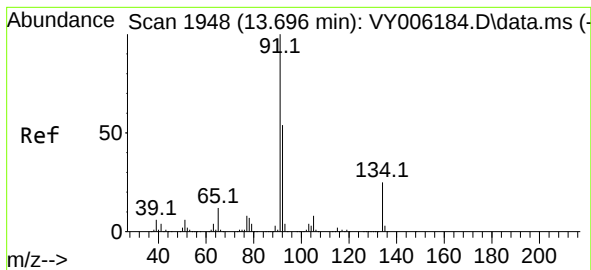
Tgt Ion:105 Resp: 187
Ion Ratio Lower Upper
105 100
120 9.6 22.3 66.9#



#85
sec-Butylbenzene
Concen: 2.017 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY006211.D
Acq: 29 Sep 2021 14:33

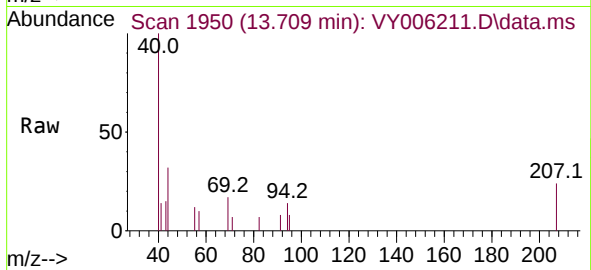
Tgt Ion:105 Resp: 118
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#89
 n-Butylbenzene
 Concen: 1.279 ug/l
 RT: 13.709 min Scan# 1950
 Delta R.T. 0.012 min
 Lab File: VY006211.D
 Acq: 29 Sep 2021 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092821



Tgt Ion:	91	Resp:	60
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.3	78.9#
134	0.0	13.0	38.9#

