

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006627.D
 Acq On : 04 Nov 2021 18:15
 Operator : SY/MD
 Sample : M4472-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-JS

Quant Time: Nov 05 14:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

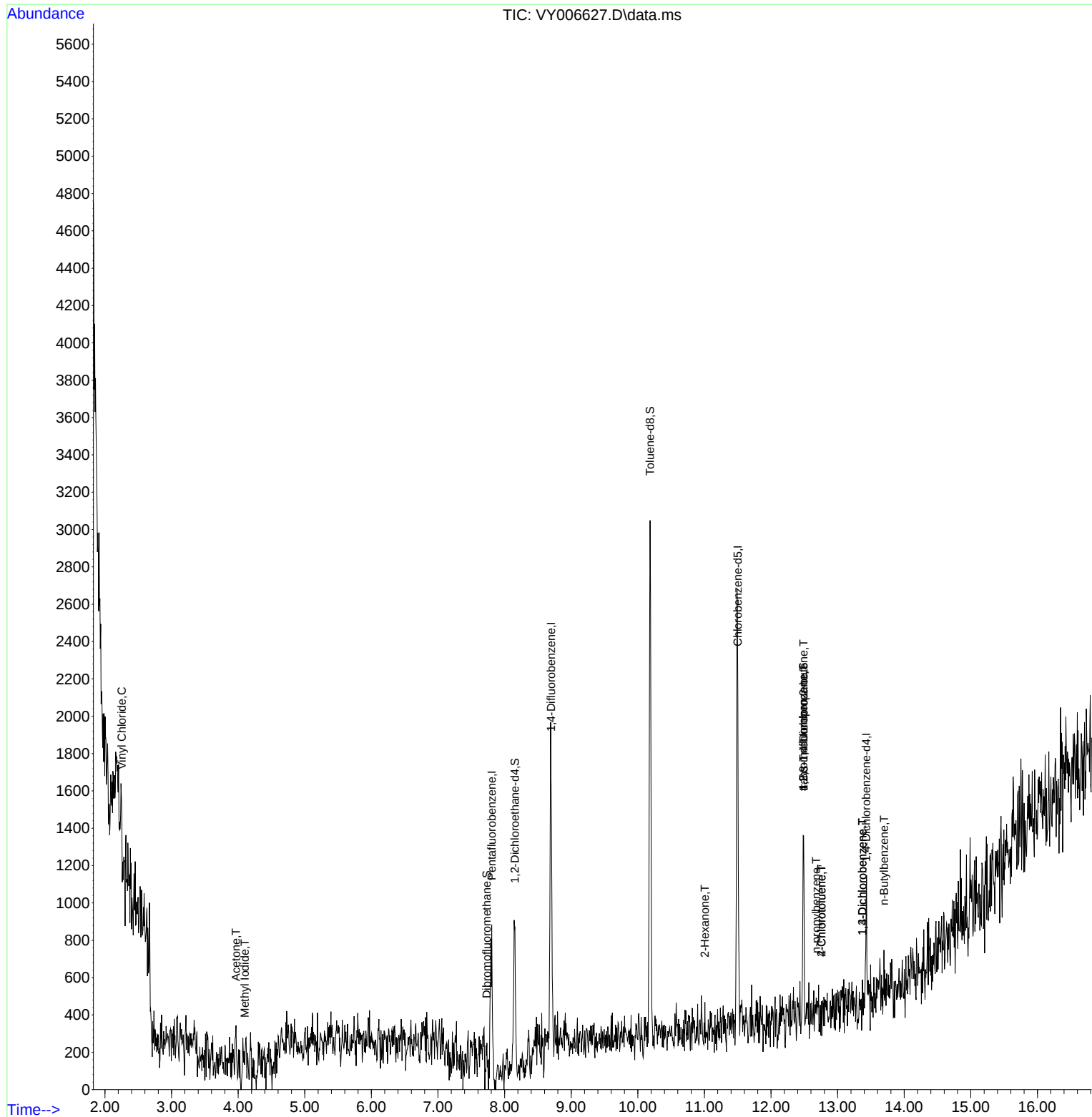
Internal Standards						
1) Pentafluorobenzene	7.807	168	922	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	1585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	1439	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	812	71.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.140%	
35) Dibromofluoromethane	7.734	113	53	5.999	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 12.000%#	
50) Toluene-d8	10.185	98	1875	50.067	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.483	95	319	25.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 50.580%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	23	1.790	ug/l #	44
10) Methyl Iodide	4.101	142	47	9.711	ug/l #	36
16) Acetone	3.966	43	19	5.816	ug/l #	46
20) Methylene Chloride	4.716	84	31	Below Cal	#	3
59) 2-Hexanone	11.008	43	19	2.605	ug/l #	28
76) 1,2,3-Trichloropropane	12.489	75	231	131.864	ug/l #	100
78) n-propylbenzene	12.678	91	24	1.633	ug/l #	53
79) 2-Chlorotoluene	12.758	91	48	5.900	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.489	75	231	270.712	ug/l #	7
82) 4-Chlorotoluene	12.758	91	48	5.662	ug/l #	41
87) 1,3-Dichlorobenzene	13.373	146	22	3.912	ug/l #	25
88) 1,4-Dichlorobenzene	13.373	146	22	3.979	ug/l #	25
89) n-Butylbenzene	13.696	91	45	4.364	ug/l #	33

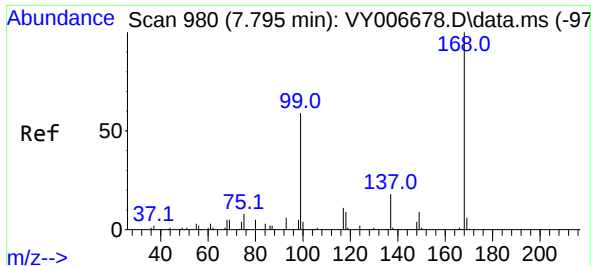
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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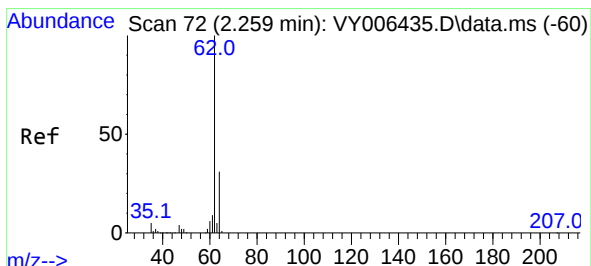
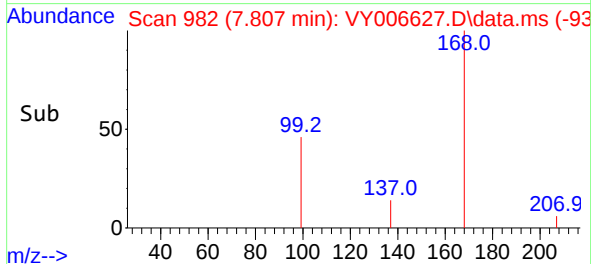
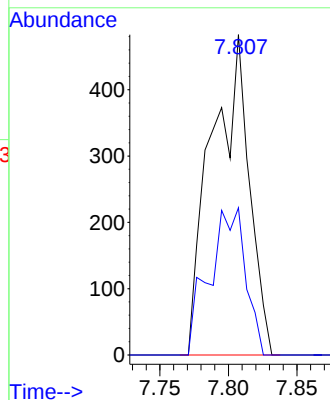
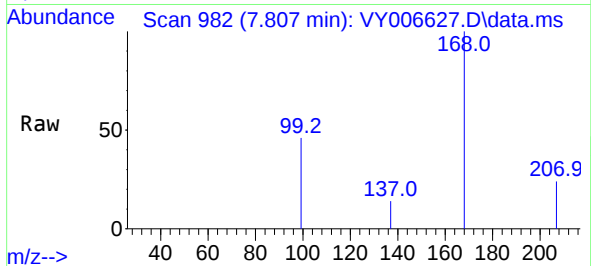




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

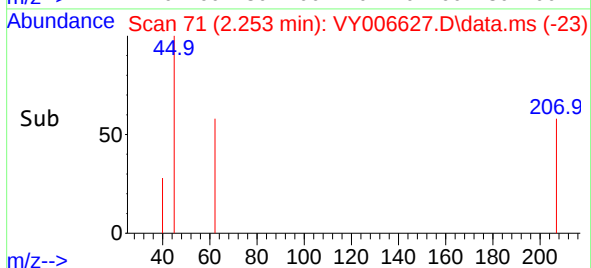
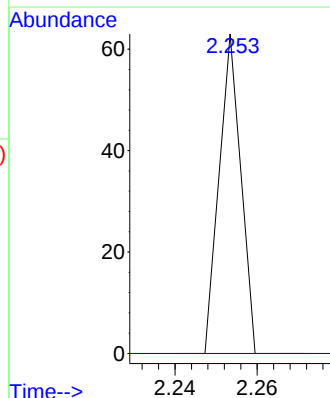
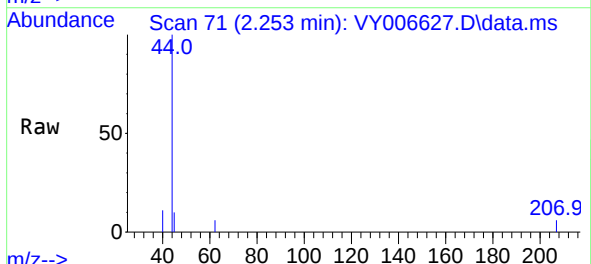
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

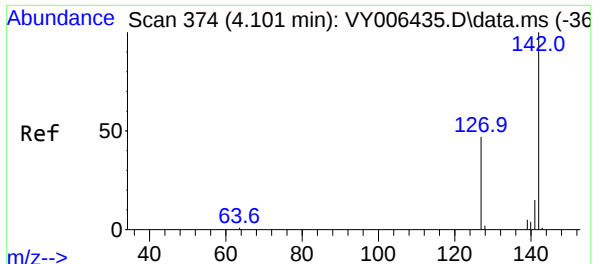
Tgt Ion:168 Resp: 922
Ion Ratio Lower Upper
168 100
99 46.0 44.8 67.2



#4
Vinyl Chloride
Concen: 1.790 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

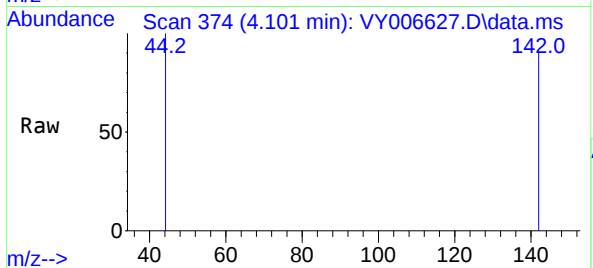
Tgt Ion: 62 Resp: 23
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



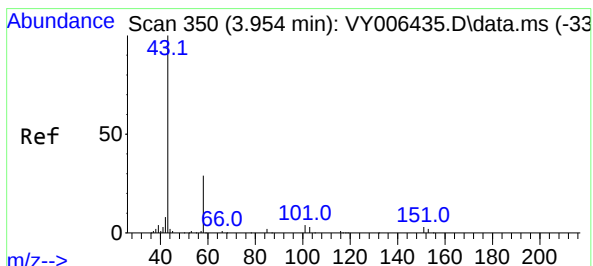
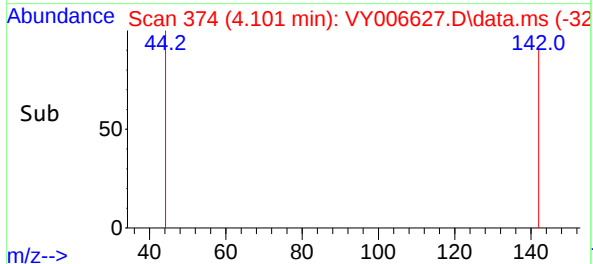
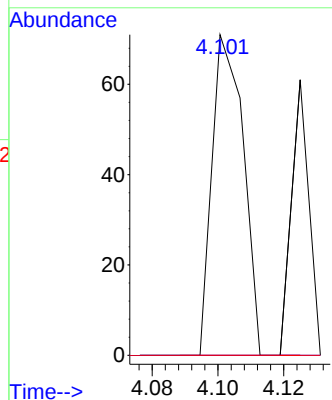


#10
Methyl Iodide
Concen: 9.711 ug/l
RT: 4.101 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

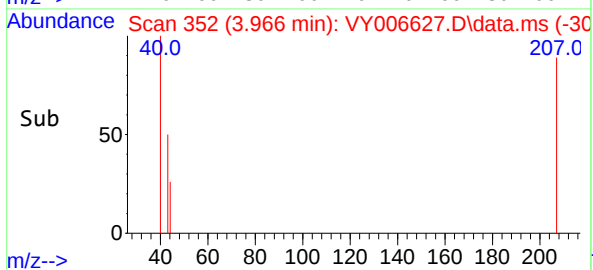
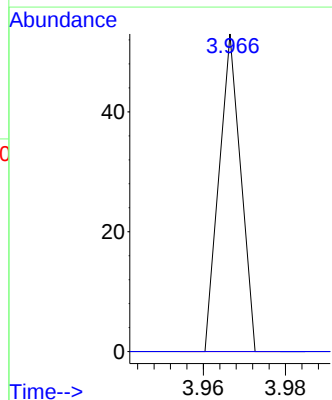
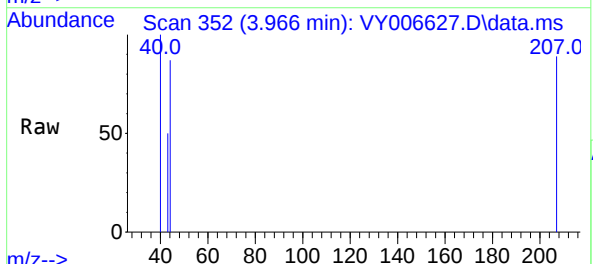


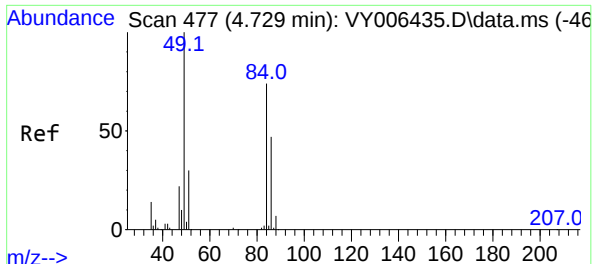
Tgt Ion:142 Resp: 47
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 5.816 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#

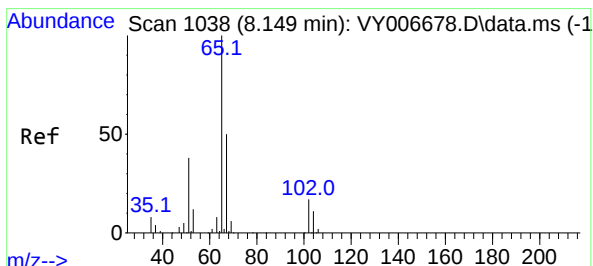
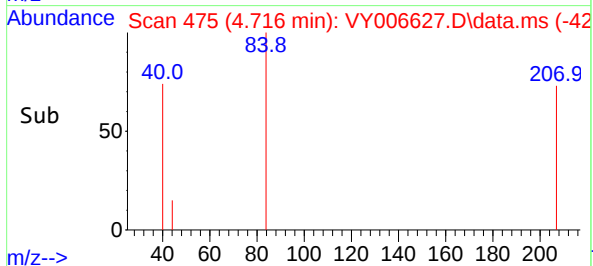
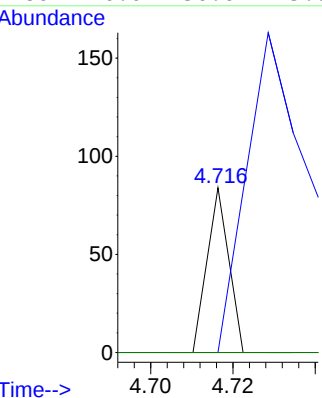
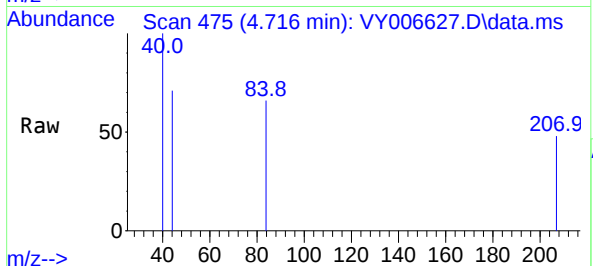




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

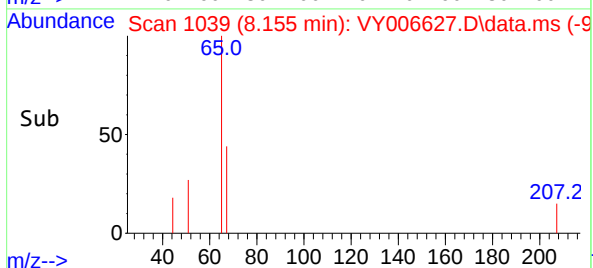
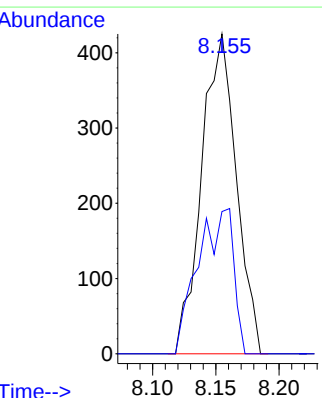
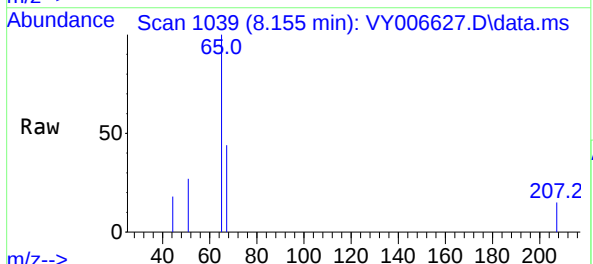
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

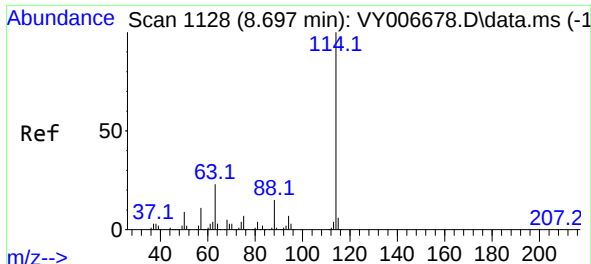
Tgt Ion: 84 Resp: 31
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 71.568 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Tgt Ion: 65 Resp: 812
Ion Ratio Lower Upper
65 100
67 46.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006627.D

Acq: 04 Nov 2021 18:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-JS

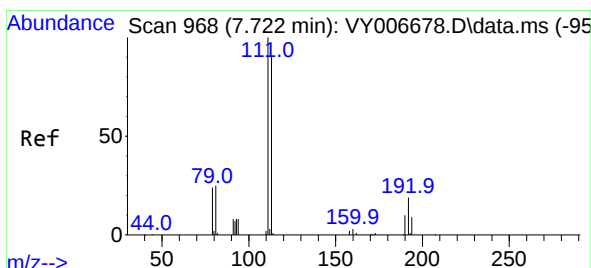
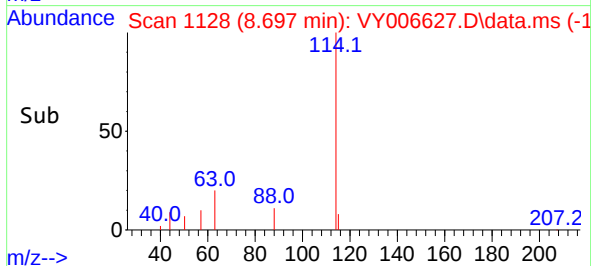
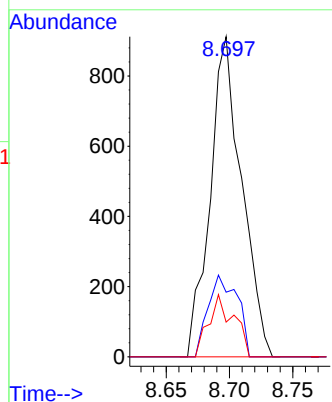
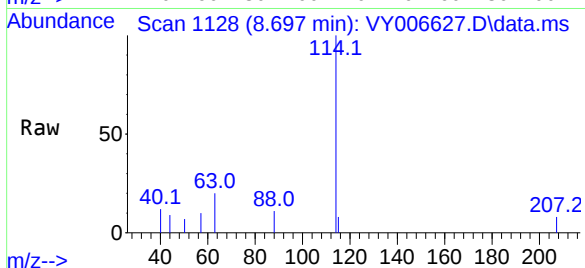
Tgt Ion:114 Resp: 1585

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 10.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 5.999 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY006627.D

Acq: 04 Nov 2021 18:15

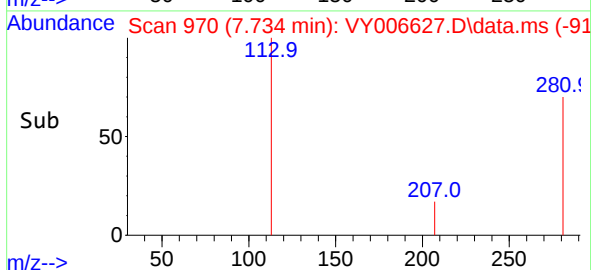
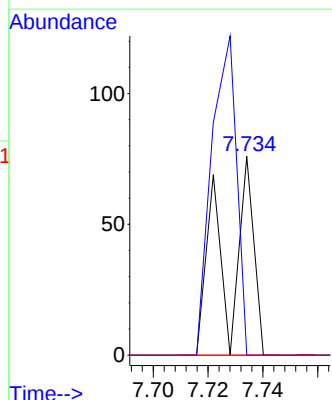
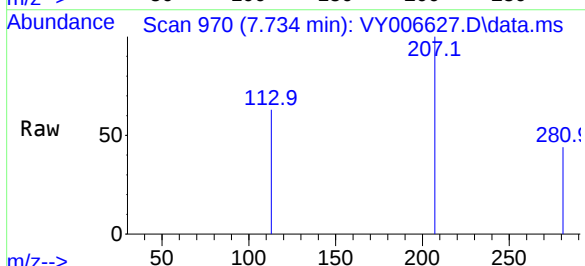
Tgt Ion:113 Resp: 53

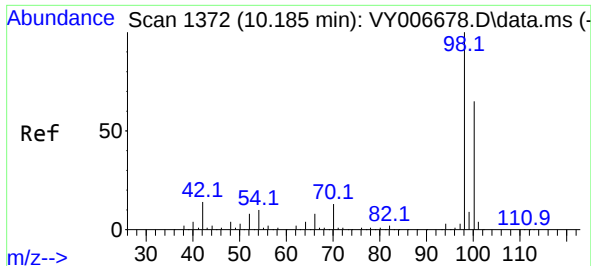
Ion Ratio Lower Upper

113 100

111 145.3 82.3 123.5#

192 0.0 17.4 26.2#

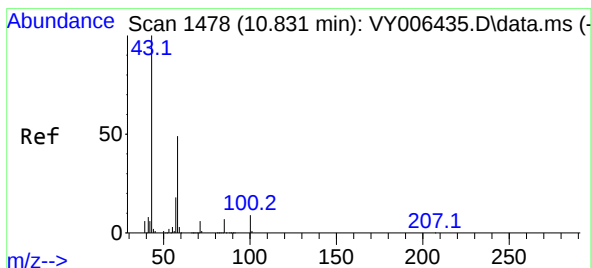
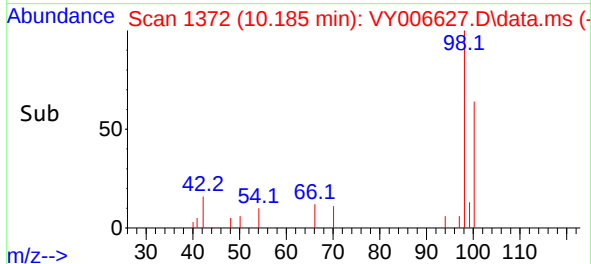
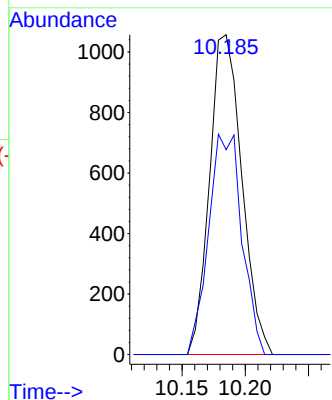
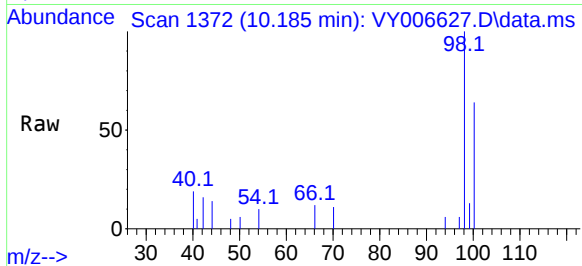




#50
Toluene-d8
Concen: 50.067 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

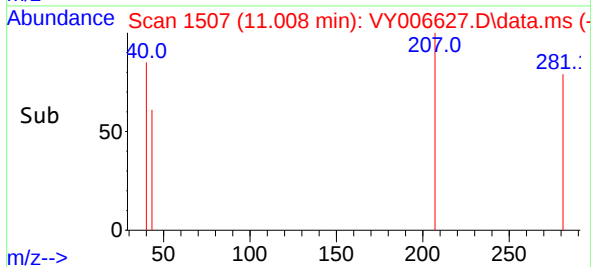
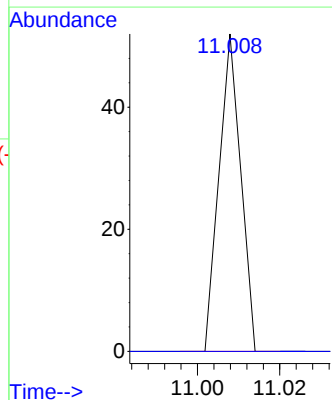
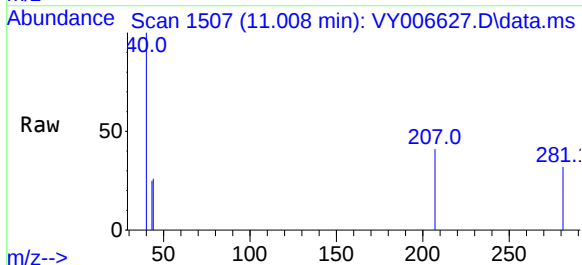
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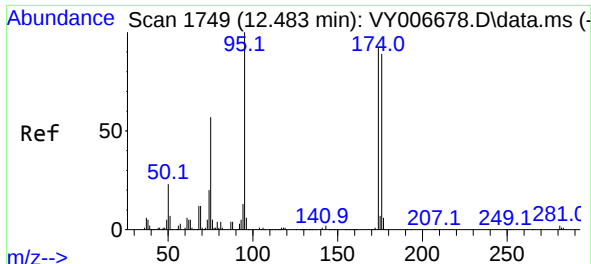
Tgt Ion: 98 Resp: 1875
Ion Ratio Lower Upper
98 100
100 71.0 50.9 76.3



#59
2-Hexanone
Concen: 2.605 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.177 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

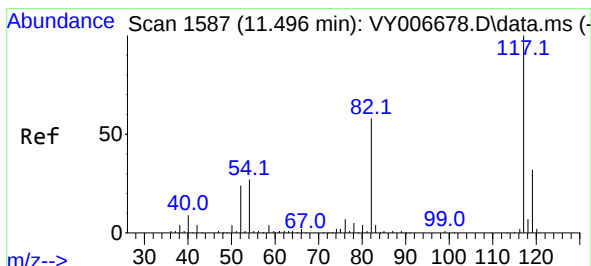
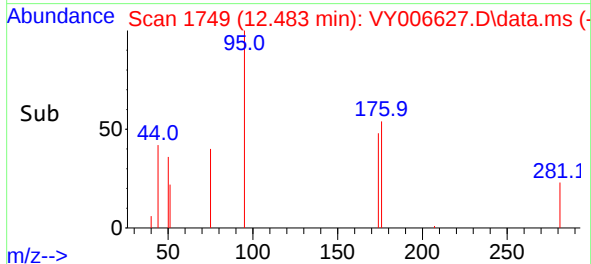
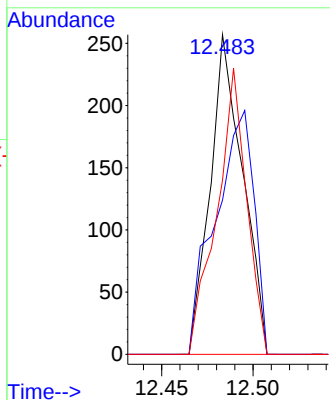
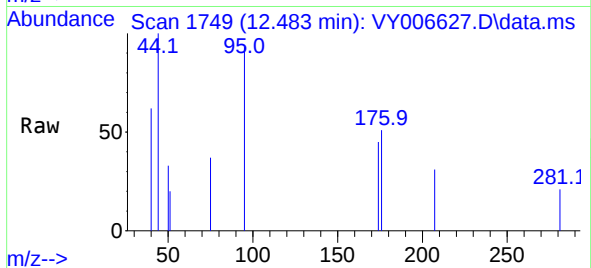




#62
4-Bromofluorobenzene
Concen: 25.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

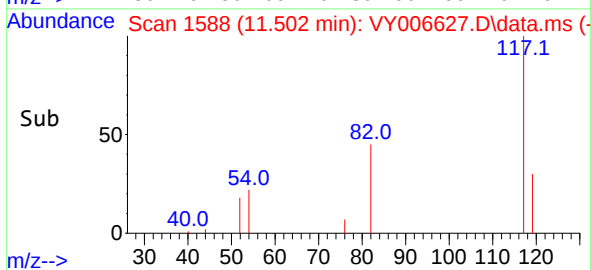
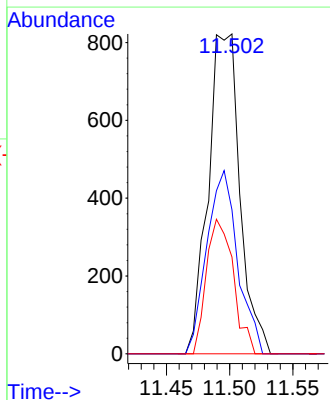
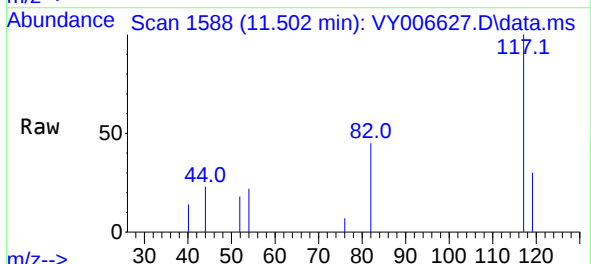
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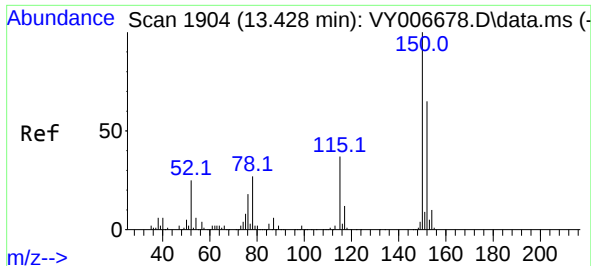
Tgt Ion:	95	Resp:	319
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	177.0
176	81.8	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

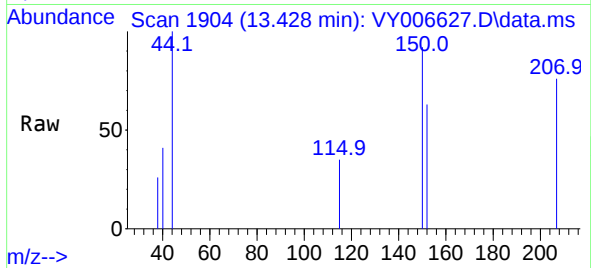
Tgt Ion:	117	Resp:	1439
Ion	Ratio	Lower	Upper
117	100		
82	45.0	45.7	68.5
119	30.3	25.5	38.3





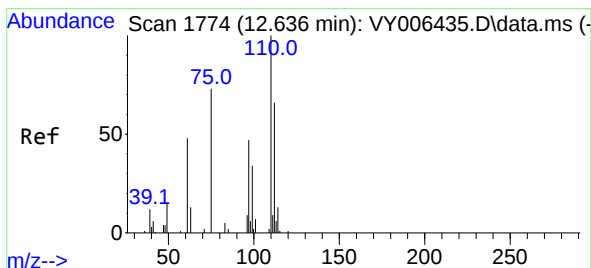
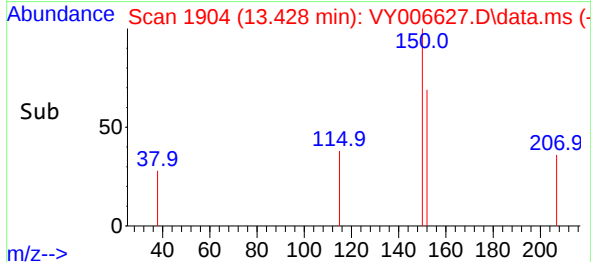
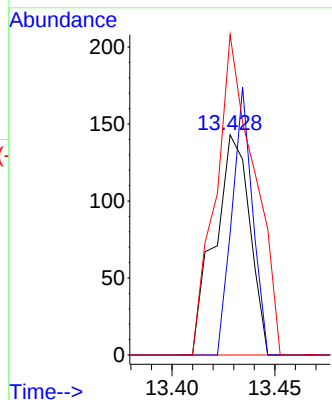
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006627.D
 Acq: 04 Nov 2021 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-JS



Tgt Ion:152 Resp: 170

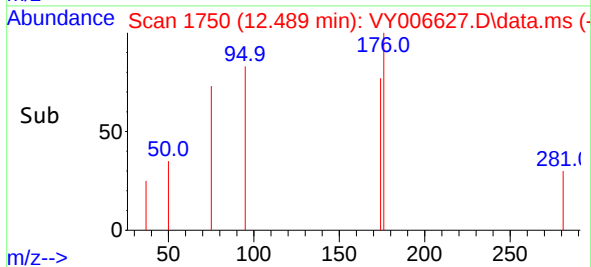
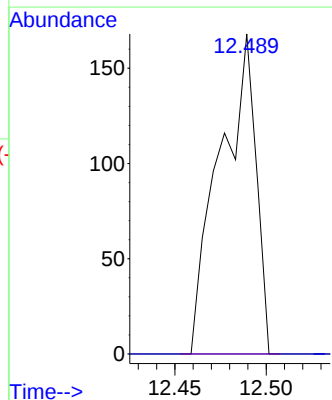
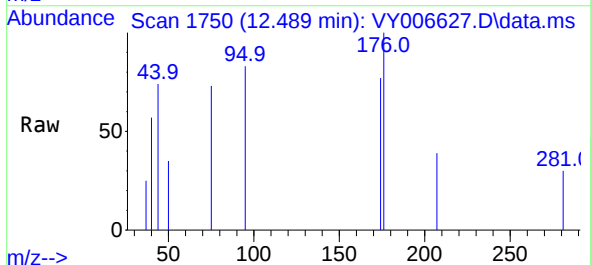
Ion	Ratio	Lower	Upper
152	100		
115	70.6	28.5	85.5
150	158.8	0.0	348.2

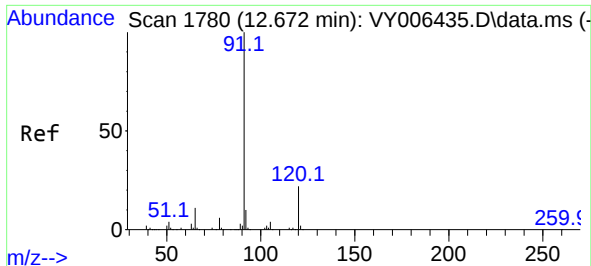


#76
 1,2,3-Trichloropropane
 Concen: 131.864 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY006627.D
 Acq: 04 Nov 2021 18:15

Tgt Ion: 75 Resp: 231

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

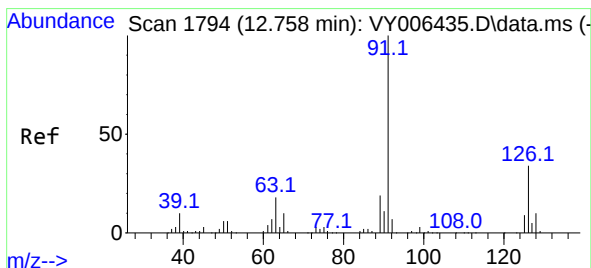
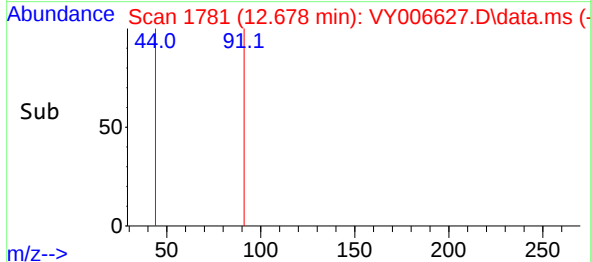
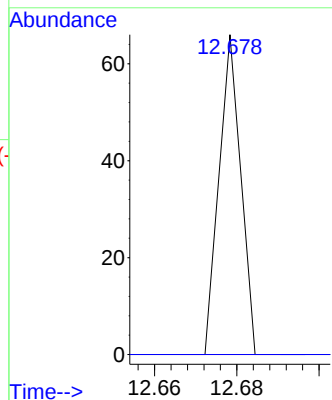
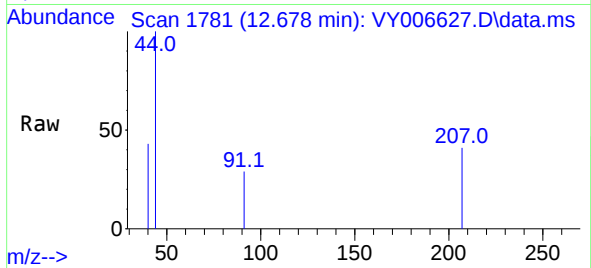




#78
n-propylbenzene
Concen: 1.633 ug/l
RT: 12.678 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

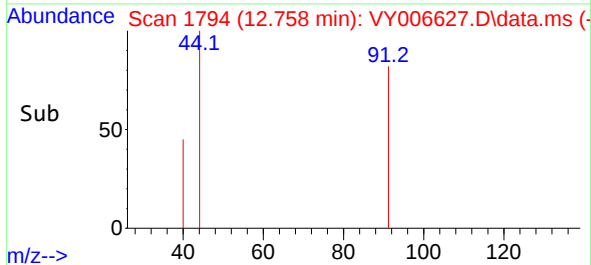
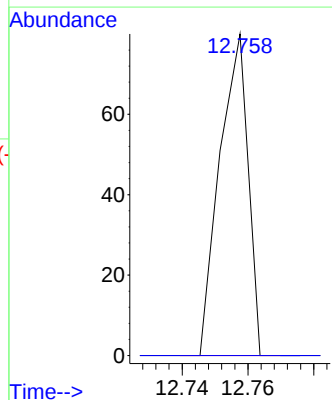
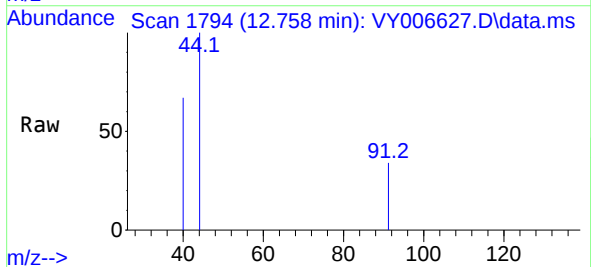
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

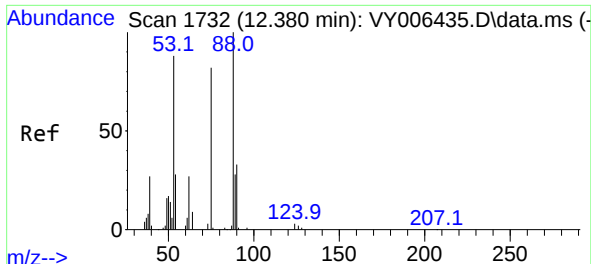
Tgt Ion: 91 Resp: 24
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.8#



#79
2-Chlorotoluene
Concen: 5.900 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#

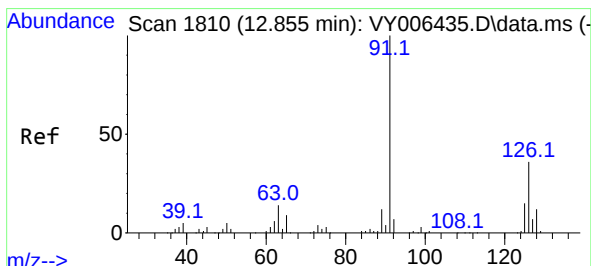
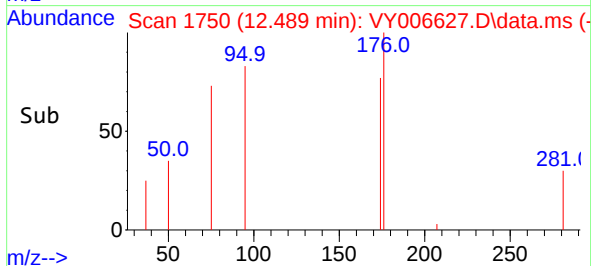
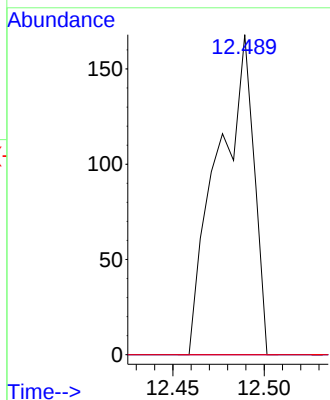
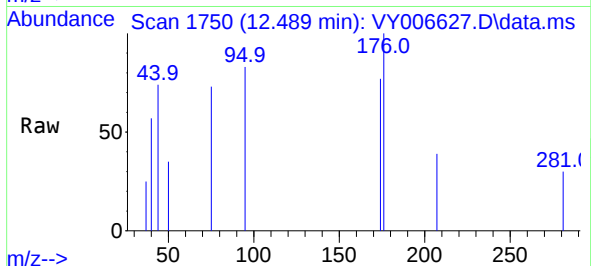




#81
trans-1,4-Dichloro-2-butene
Concen: 270.712 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

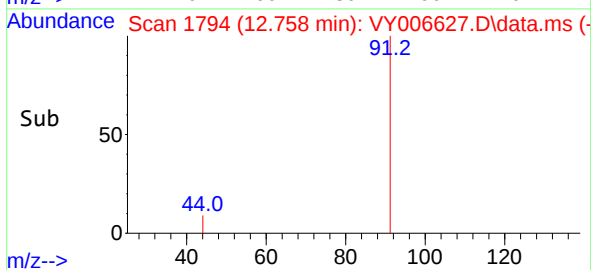
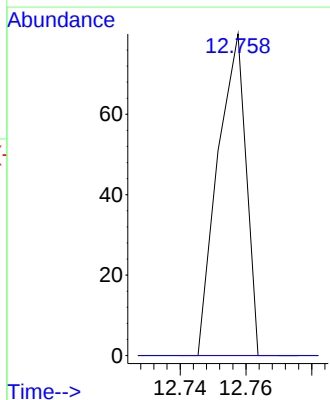
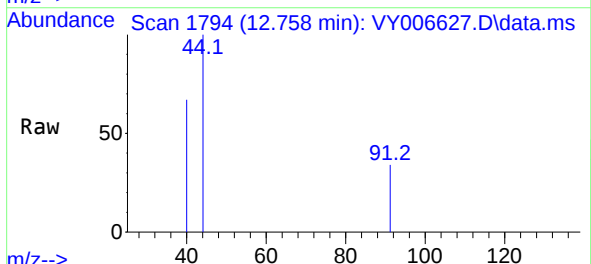
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

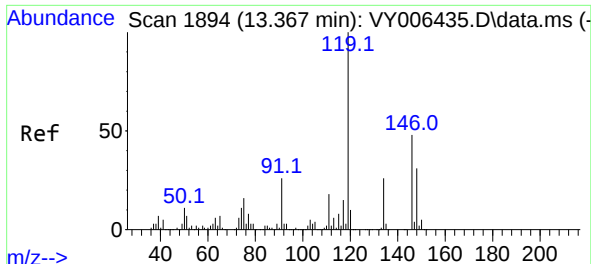
Tgt Ion: 75 Resp: 231
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#82
4-Chlorotoluene
Concen: 5.662 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.097 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#





#87

1,3-Dichlorobenzene

Concen: 3.912 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY006627.D

Acq: 04 Nov 2021 18:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-JS

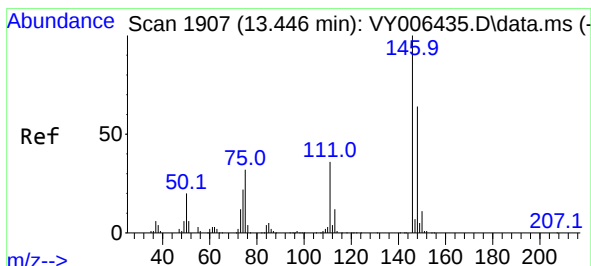
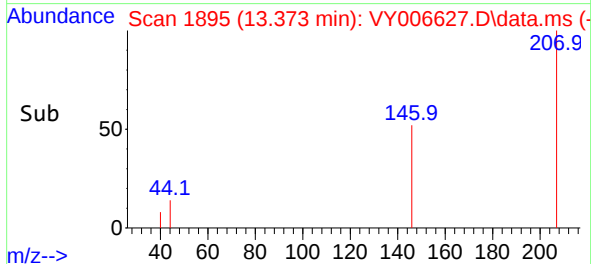
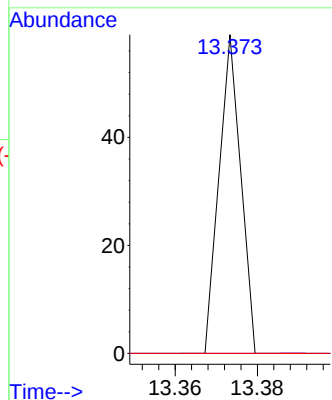
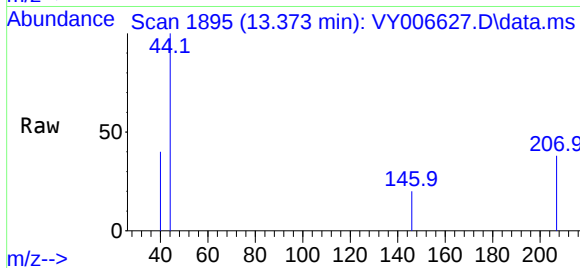
Tgt Ion:146 Resp: 22

Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.9#

148 0.0 31.9 95.7#



#88

1,4-Dichlorobenzene

Concen: 3.979 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.073 min

Lab File: VY006627.D

Acq: 04 Nov 2021 18:15

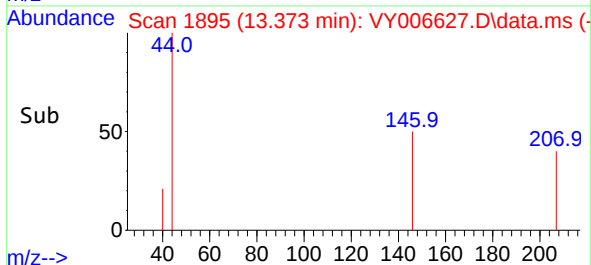
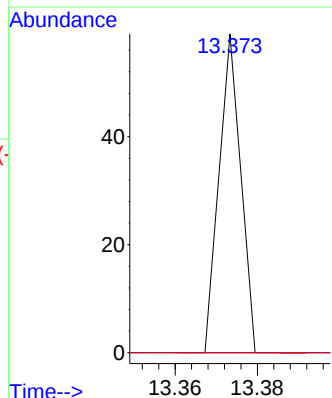
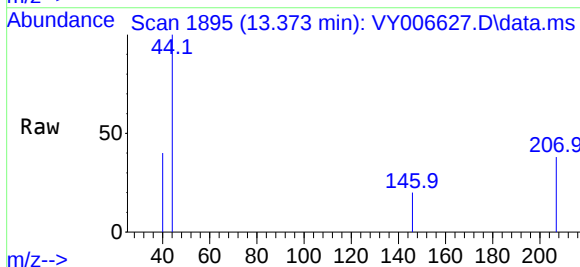
Tgt Ion:146 Resp: 22

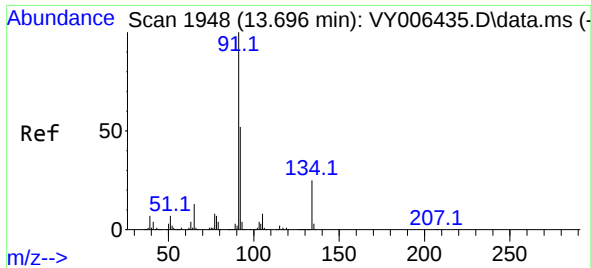
Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.5#

148 0.0 32.0 96.2#





#89
n-Butylbenzene
Concen: 4.364 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006627.D
Acq: 04 Nov 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

Tgt Ion:	91	Resp:	45
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.3	78.9#
134	0.0	12.9	38.7#

