

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006614.D
 Acq On : 03 Nov 2021 20:15
 Operator : SY/MD
 Sample : M4475-04
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02B

Quant Time: Nov 03 21:24:34 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	7.795	168	2052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3078	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1904	75.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.800%
35) Dibromofluoromethane	7.728	113	341	16.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.320%#
50) Toluene-d8	10.185	98	4204	48.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.489	95	739	25.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.580%

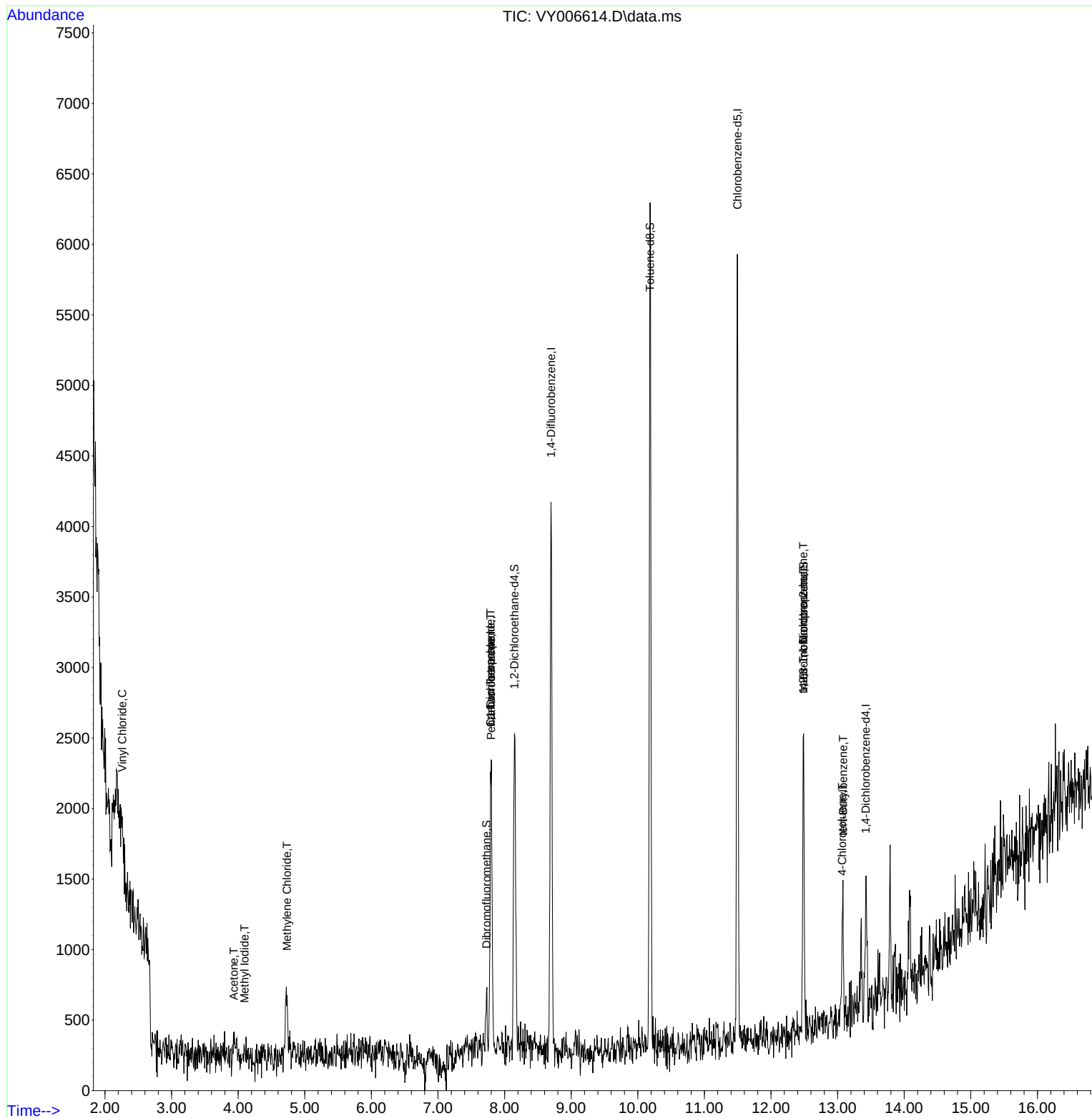
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	34	1.189	ug/l	# 44
10) Methyl Iodide	4.094	142	19	5.905	ug/l	# 36
16) Acetone	3.936	43	188	25.856	ug/l	# 46
20) Methylene Chloride	4.735	84	299	10.026	ug/l	# 68
36) 1,1-Dichloropropene	7.789	75	124	3.418	ug/l	# 42
38) Carbon Tetrachloride	7.789	117	92	2.299	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	454	131.514	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	454	269.995	ug/l	# 7
82) 4-Chlorotoluene	13.068	91	401	24.003	ug/l	# 41
83) tert-Butylbenzene	13.081	119	441	26.154	ug/l	# 73

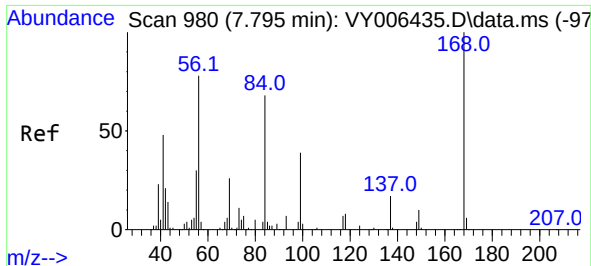
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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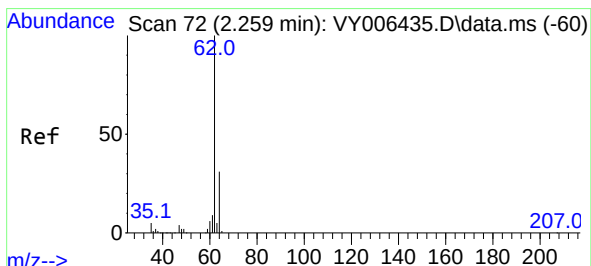
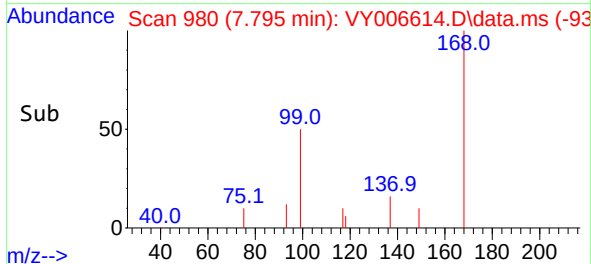
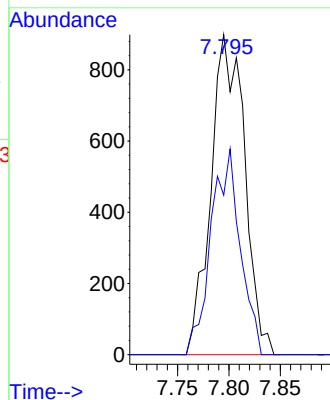
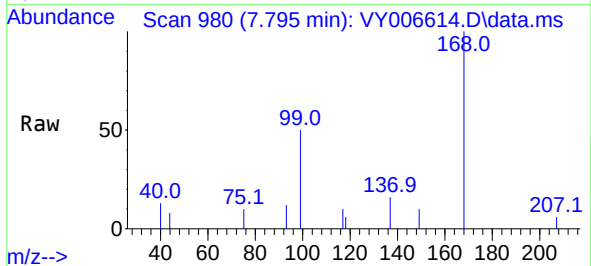




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

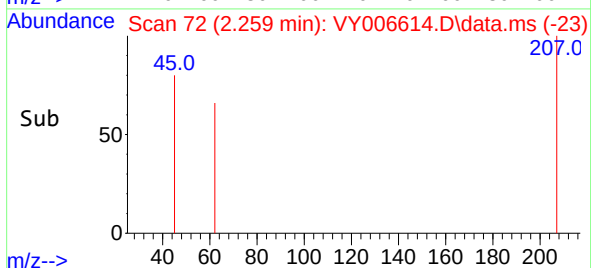
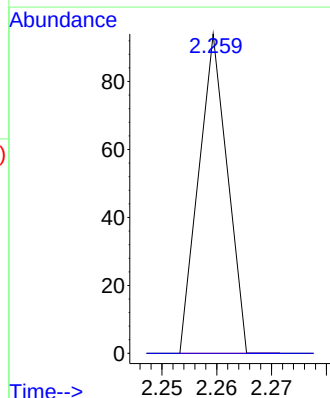
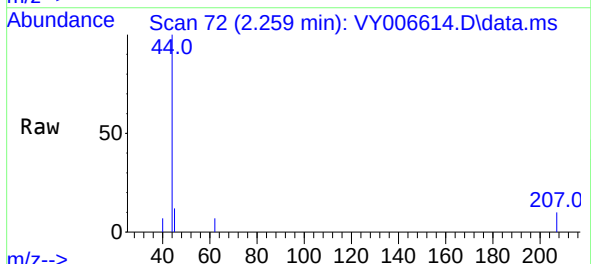
Instrument :
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ClientSampleId :
SB02B

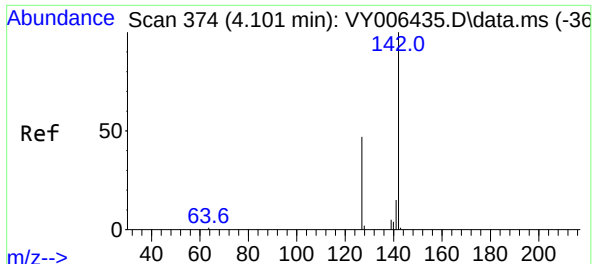
Tgt Ion:168 Resp: 2052
Ion Ratio Lower Upper
168 100
99 49.8 44.8 67.2



#4
Vinyl Chloride
Concen: 1.189 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion: 62 Resp: 34
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

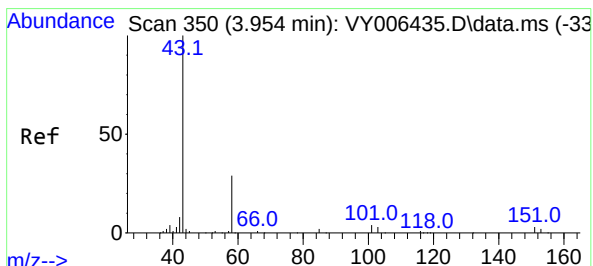
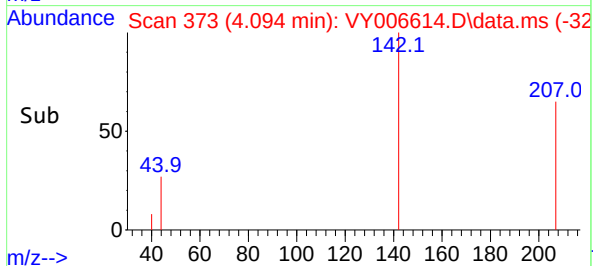
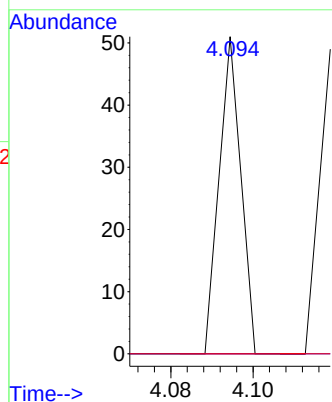
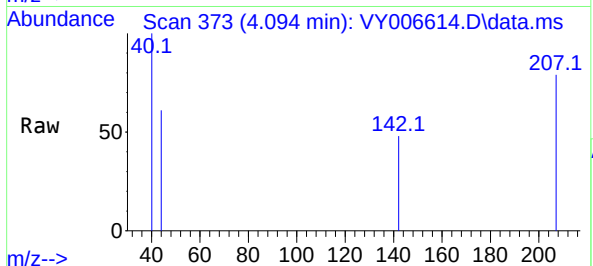




#10
Methyl Iodide
Concen: 5.905 ug/l
RT: 4.094 min Scan# 31
Delta R.T. -0.007 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

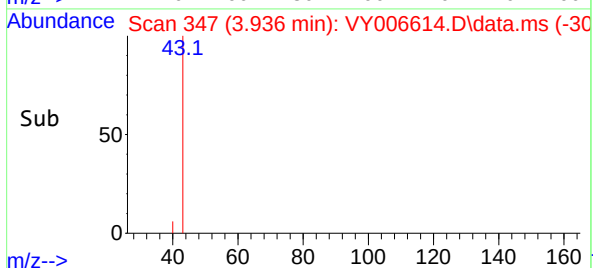
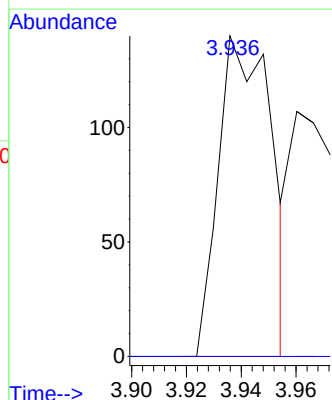
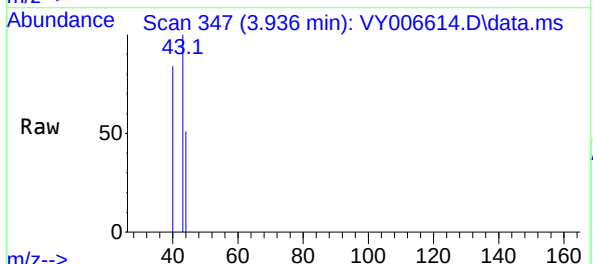
Instrument :
MSVOA_Y
ClientSampleId :
SB02B

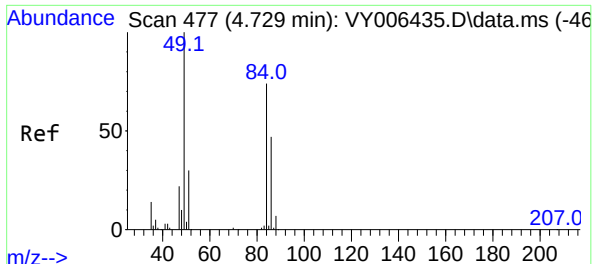
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 25.856 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#

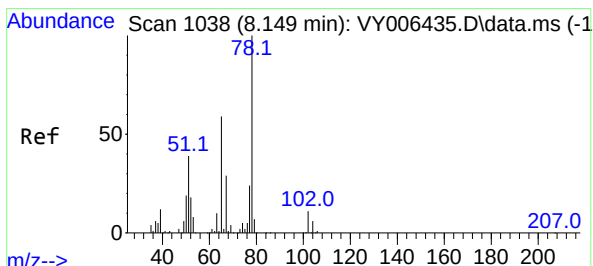
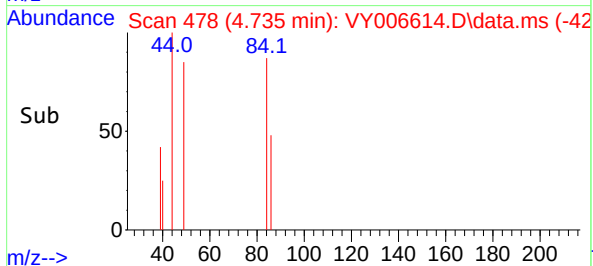
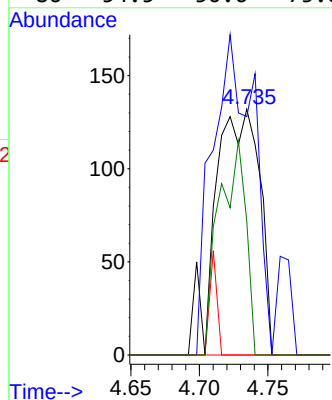
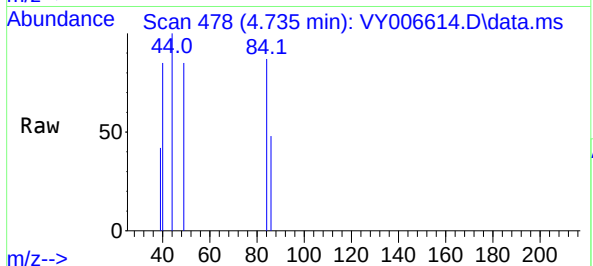




#20
Methylene Chloride
Concen: 10.026 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

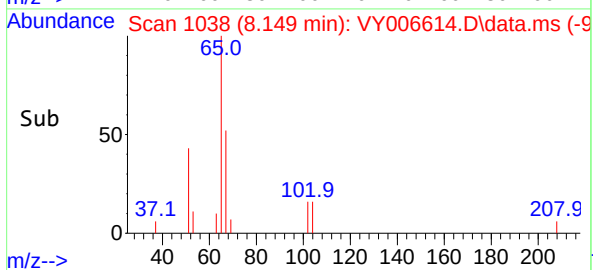
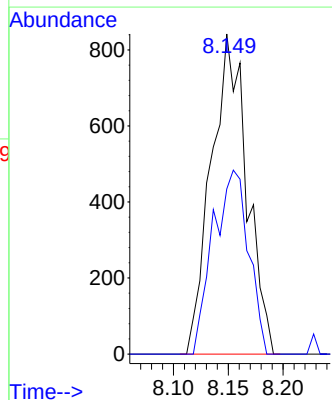
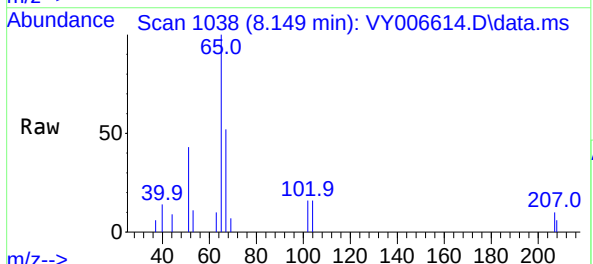
Instrument :
MSVOA_Y
ClientSampleId :
SB02B

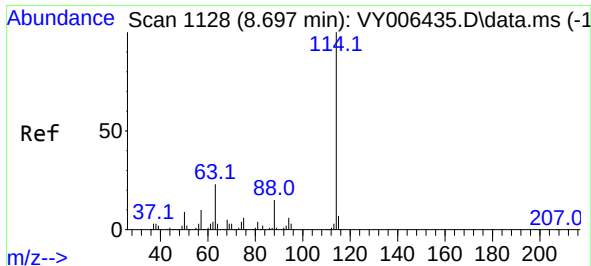
Tgt Ion: 84 Resp: 299
Ion Ratio Lower Upper
84 100
49 97.0 107.8 161.8#
51 0.0 32.8 49.2#
86 54.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 75.402 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion: 65 Resp: 1904
Ion Ratio Lower Upper
65 100
67 57.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006614.D

Acq: 03 Nov 2021 20:15

Instrument :

MSVOA_Y

ClientSampleId :

SB02B

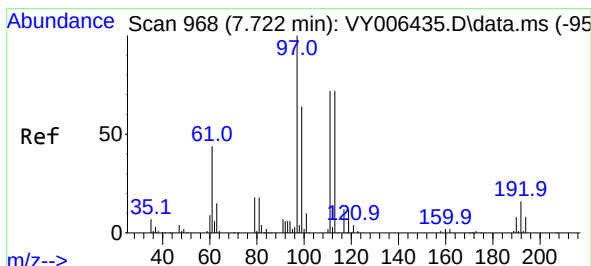
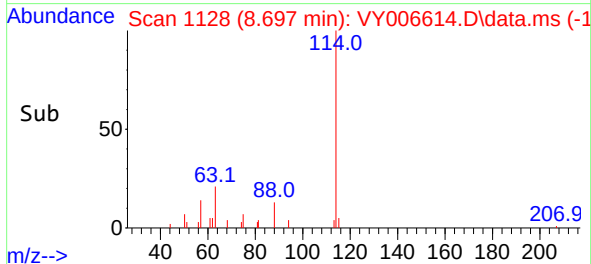
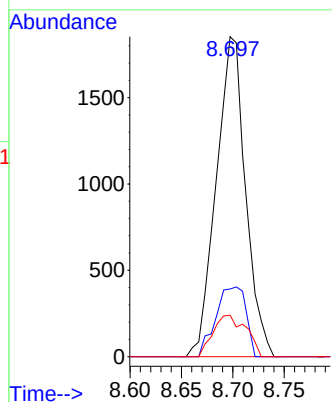
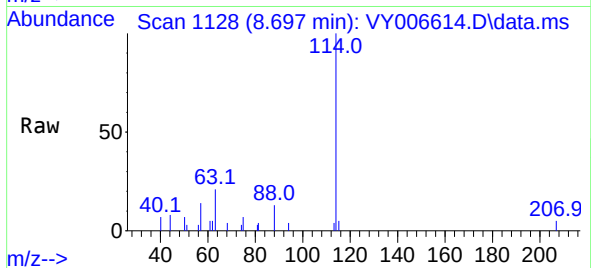
Tgt Ion:114 Resp: 3672

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 13.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 16.661 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006614.D

Acq: 03 Nov 2021 20:15

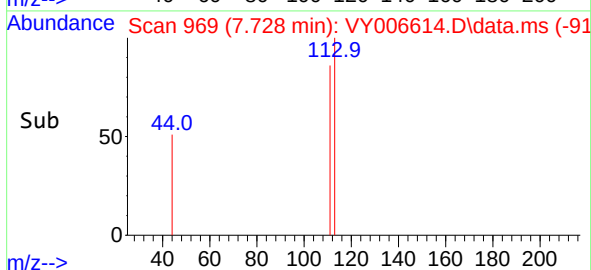
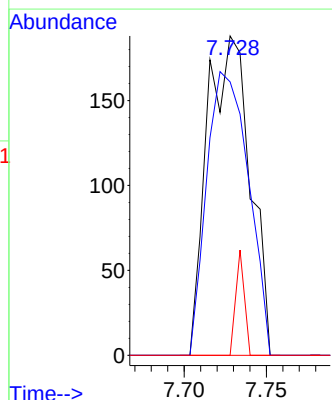
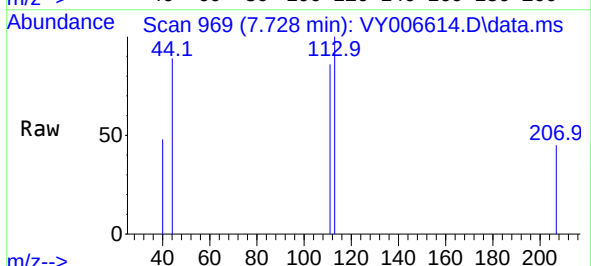
Tgt Ion:113 Resp: 341

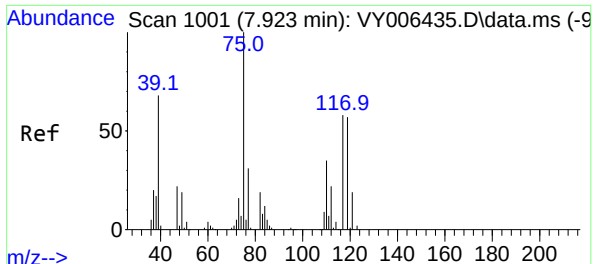
Ion Ratio Lower Upper

113 100

111 86.5 82.3 123.5

192 6.7 17.4 26.2#





#36

1,1-Dichloropropene

Concen: 3.418 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006614.D

Acq: 03 Nov 2021 20:15

Instrument :

MSVOA_Y

ClientSampleId :

SB02B

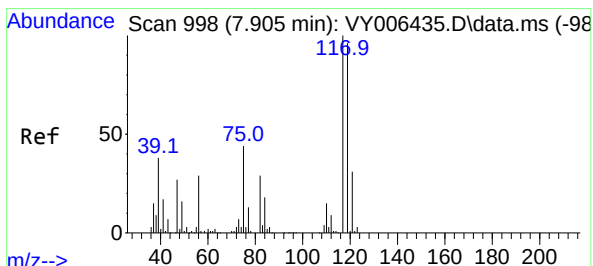
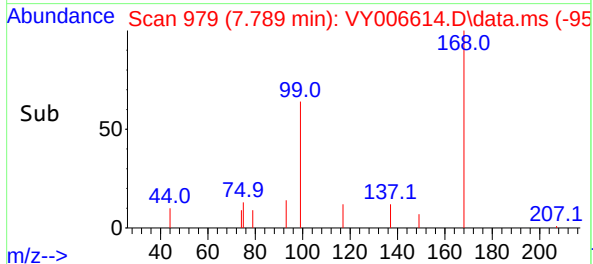
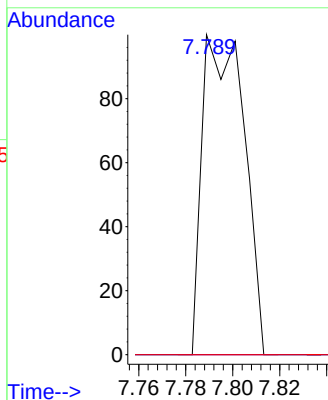
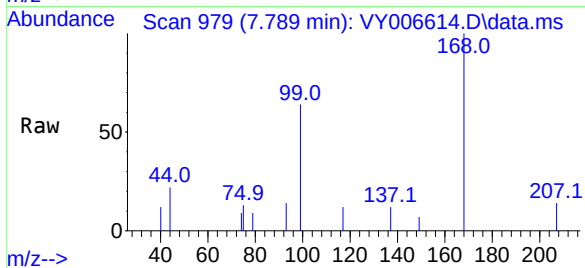
Tgt Ion: 75 Resp: 124

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 2.299 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY006614.D

Acq: 03 Nov 2021 20:15

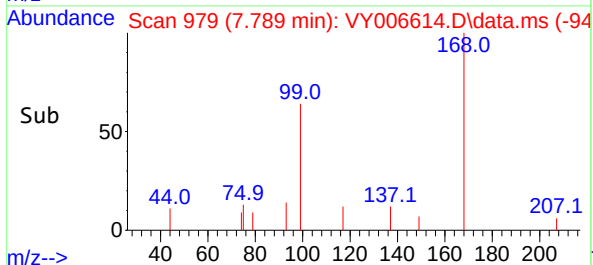
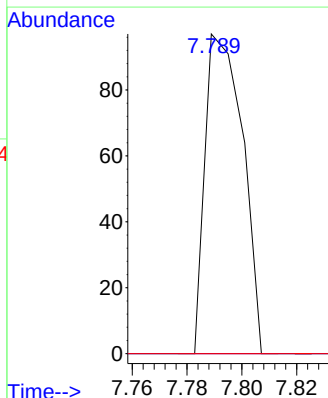
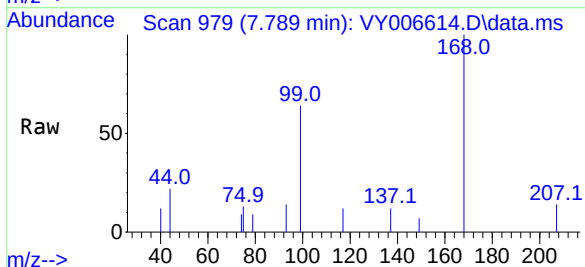
Tgt Ion: 117 Resp: 92

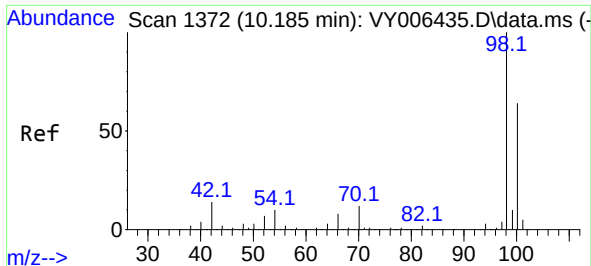
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

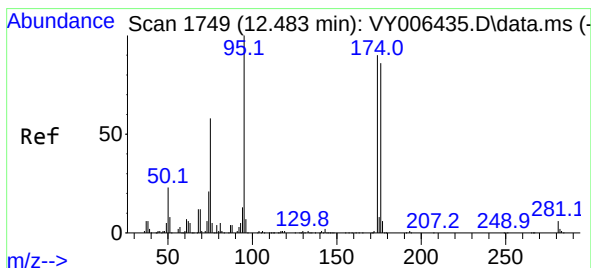
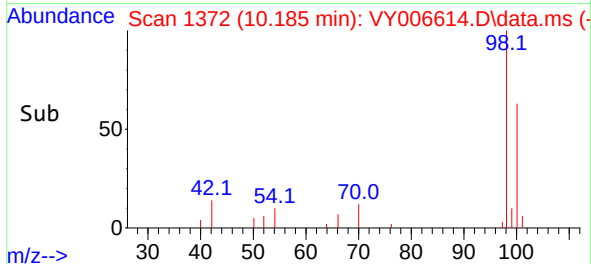
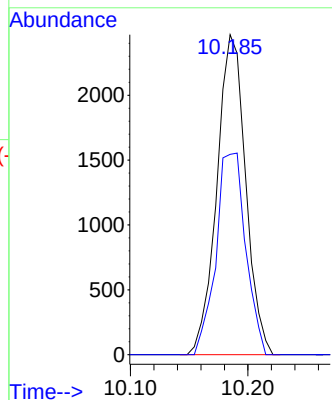
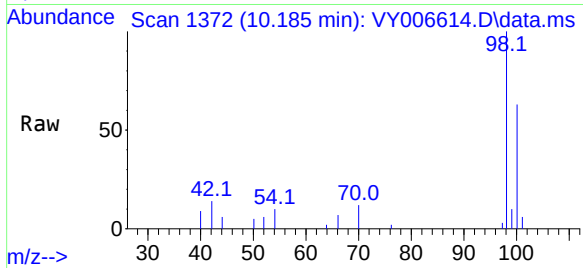




#50
Toluene-d8
Concen: 48.455 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

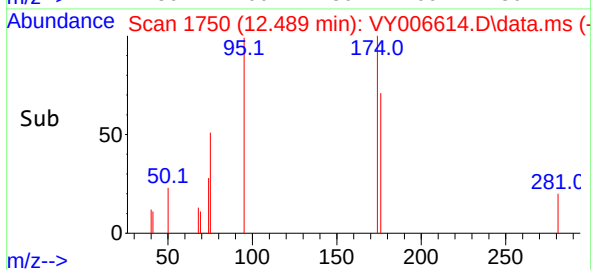
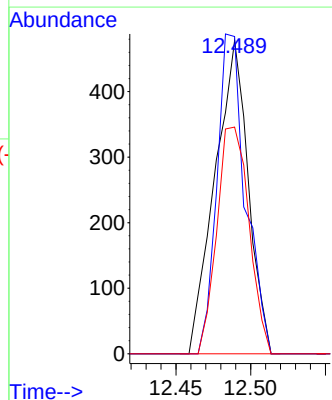
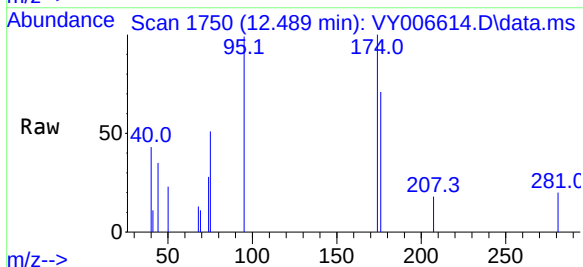
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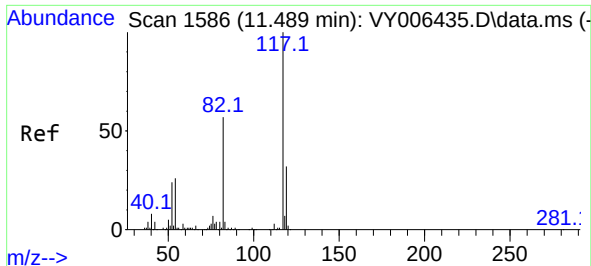
Tgt Ion: 98 Resp: 4204
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 25.285 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion: 95 Resp: 739
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 70.0 0.0 169.4

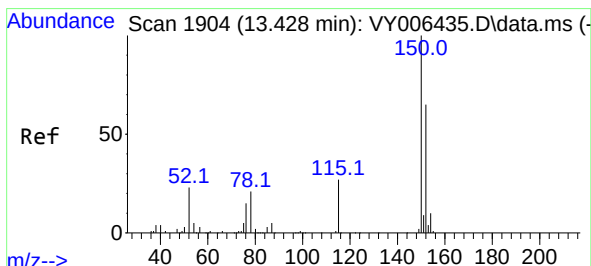
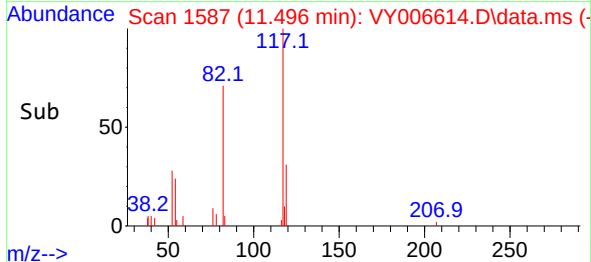
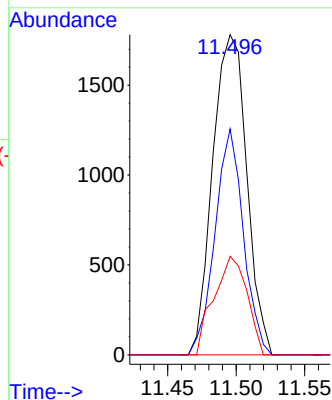
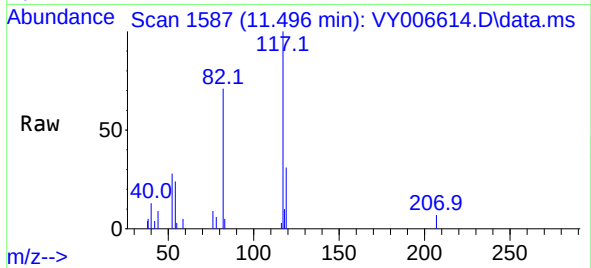




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

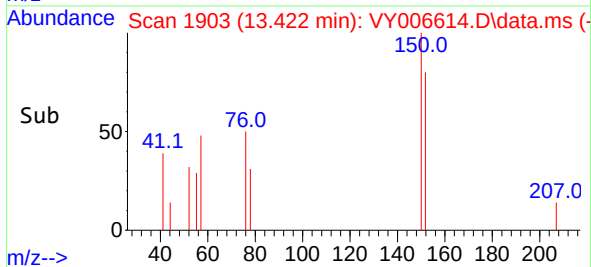
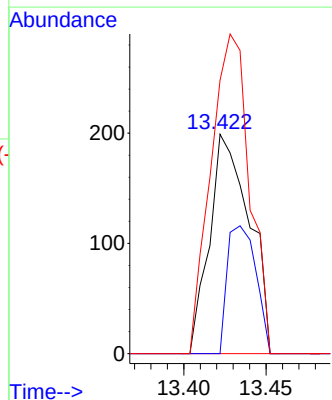
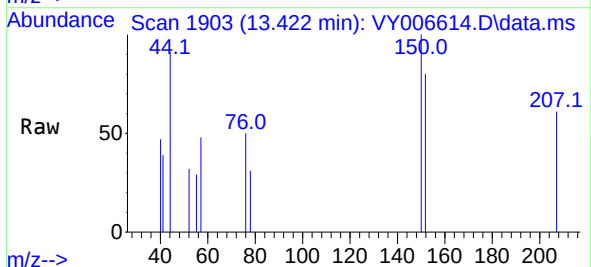
Instrument :
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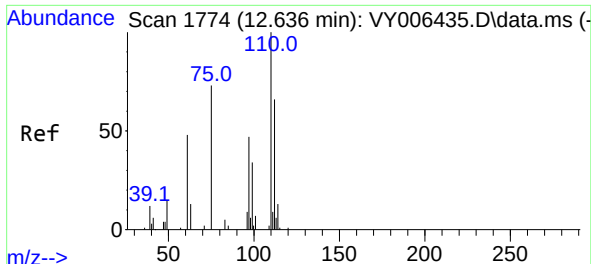
Tgt Ion:117 Resp: 3078
Ion Ratio Lower Upper
117 100
82 70.6 45.7 68.5#
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion:152 Resp: 335
Ion Ratio Lower Upper
152 100
115 41.8 28.5 85.5
150 142.4 0.0 348.2

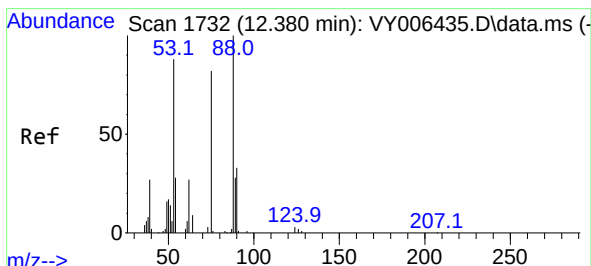
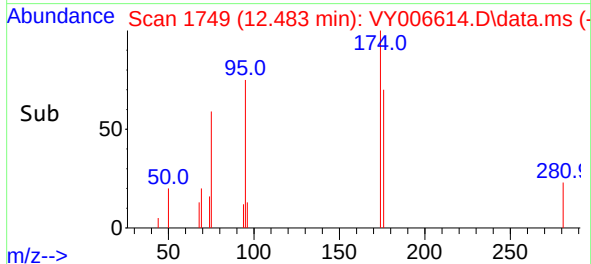
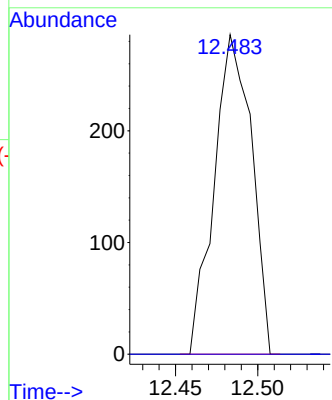
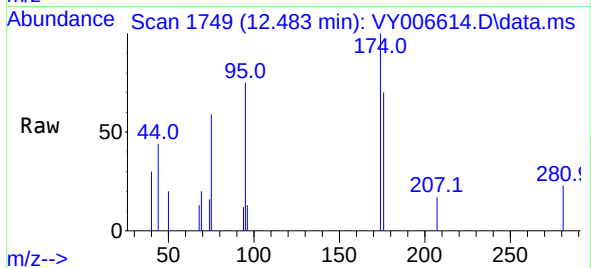




#76
1,2,3-Trichloropropane
Concen: 131.514 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

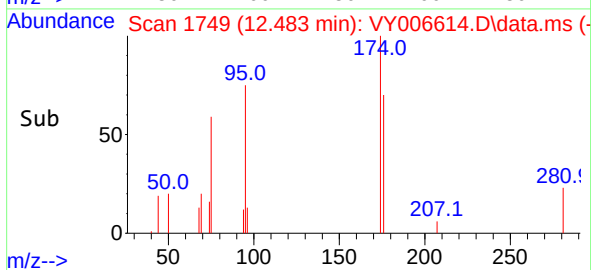
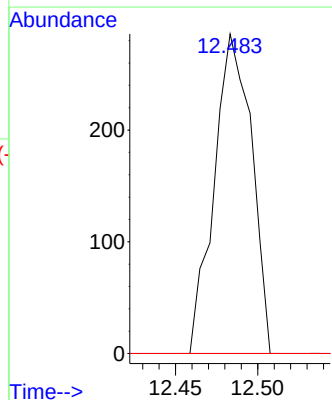
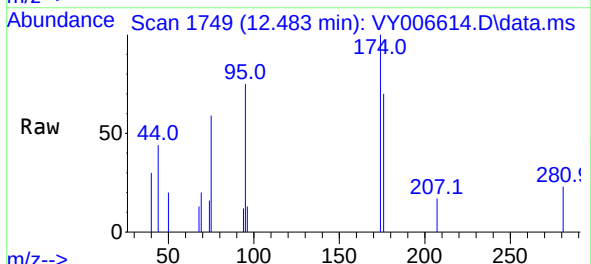
Instrument :
MSVOA_Y
ClientSampleId :
SB02B

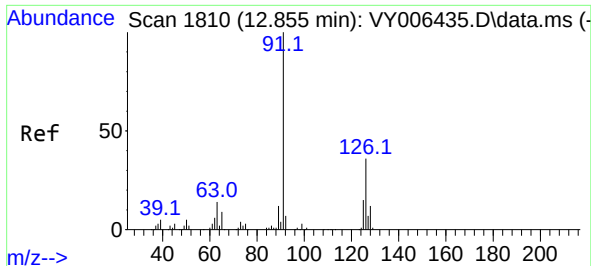
Tgt Ion: 75 Resp: 454
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 269.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion: 75 Resp: 454
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

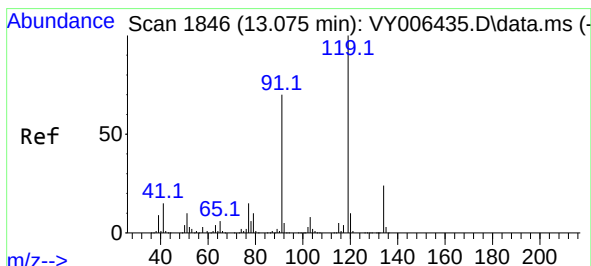
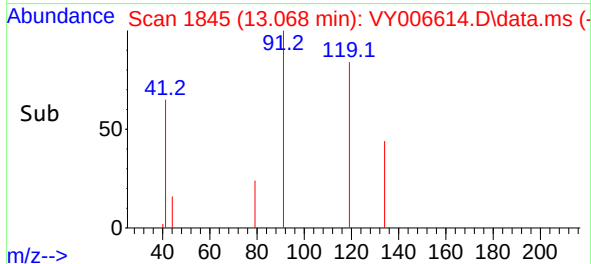
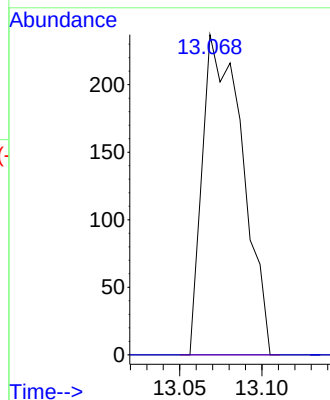
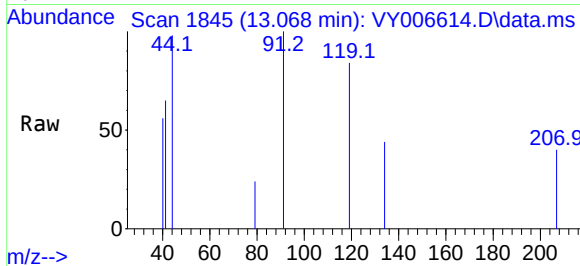




#82
4-Chlorotoluene
Concen: 24.003 ug/l
RT: 13.068 min Scan# 1810
Delta R.T. 0.213 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Instrument :
MSVOA_Y
ClientSampleId :
SB02B

Tgt Ion: 91 Resp: 401
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#83
tert-Butylbenzene
Concen: 26.154 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006614.D
Acq: 03 Nov 2021 20:15

Tgt Ion: 119 Resp: 441
Ion Ratio Lower Upper
119 100
91 90.9 34.8 104.5
134 40.4 13.0 38.9#

