

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021143.D
 Acq On : 07 Feb 2025 16:36
 Operator : SY/MD
 Sample : Q1287-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-E

Quant Time: Feb 08 02:43:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

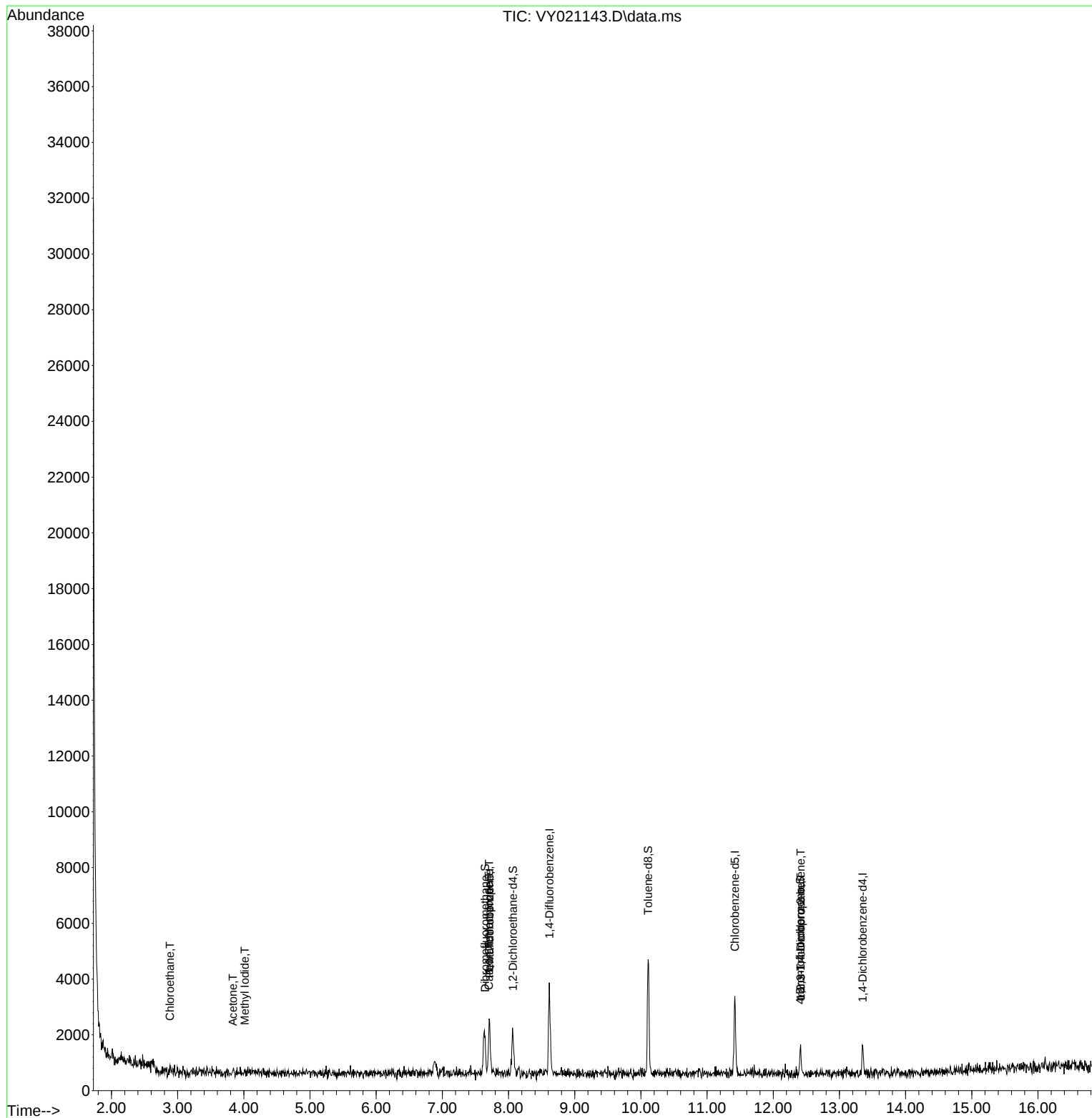
Internal Standards						
1) Pentafluorobenzene	7.713	168	1937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	3146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1335	67.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.540%	
35) Dibromofluoromethane	7.646	113	1284	63.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.380%	
50) Toluene-d8	10.109	98	3144	40.961	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.920%	
62) 4-Bromofluorobenzene	12.408	95	299	11.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 23.840%#	
Target Compounds						
					Qvalue	
6) Chloroethane	2.885	64	23	2.253	ug/l #	43
10) Methyl Iodide	4.013	142	87	3.994	ug/l #	40
16) Acetone	3.836	43	25	8.078	ug/l #	41
36) 1,1-Dichloropropene	7.707	75	80	2.679	ug/l #	42
38) Carbon Tetrachloride	7.701	117	121	3.468	ug/l #	12
76) 1,2,3-Trichloropropane	12.414	75	265	96.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	265	196.082	ug/l #	12

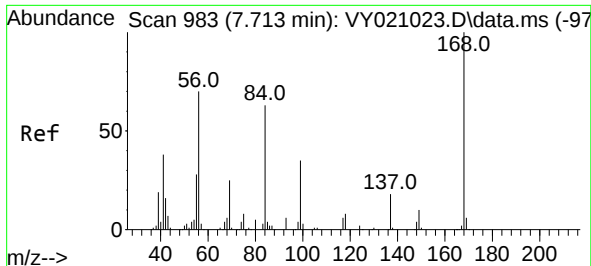
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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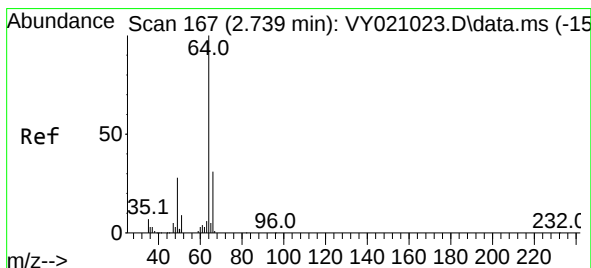
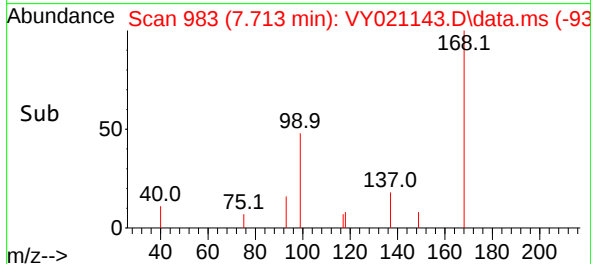
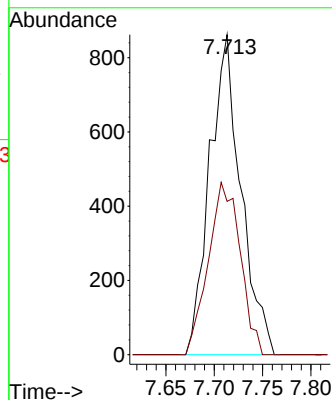
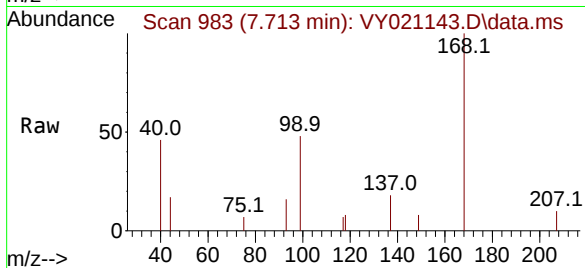




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

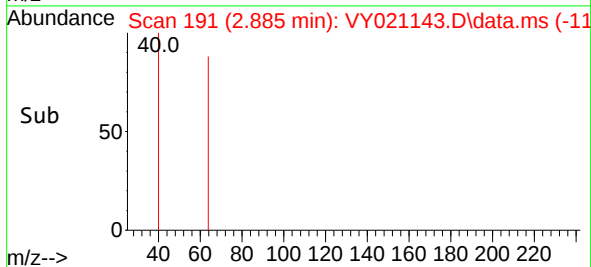
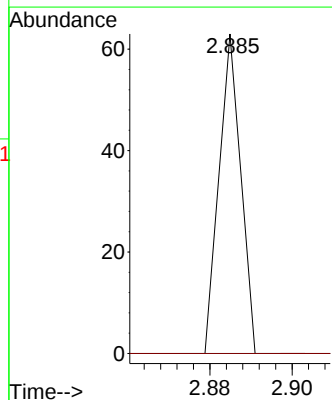
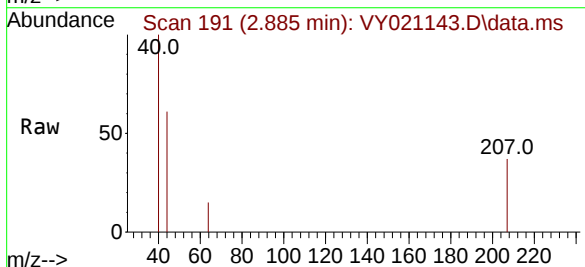
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-E

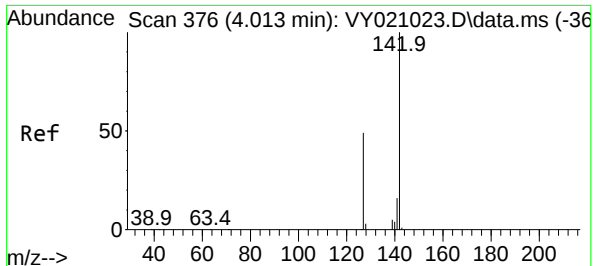
Tgt Ion:168 Resp: 1937
Ion Ratio Lower Upper
168 100
99 47.9 44.2 66.4



#6
Chloroethane
Concen: 2.253 ug/l
RT: 2.885 min Scan# 191
Delta R.T. 0.146 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

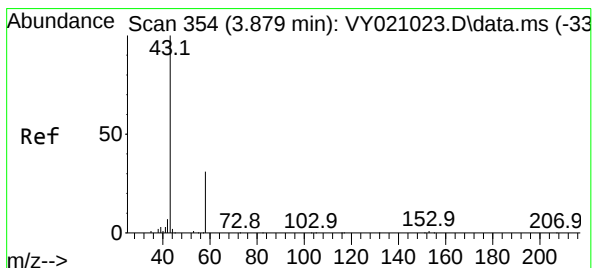
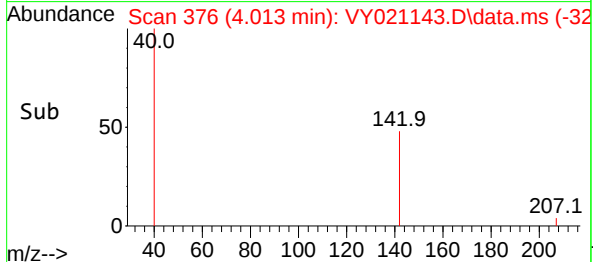
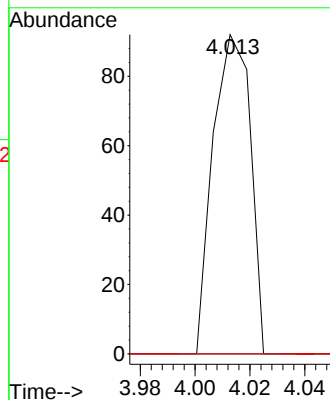
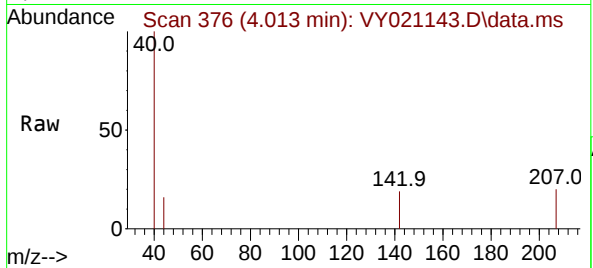




#10
Methyl Iodide
Concen: 3.994 ug/l
RT: 4.013 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

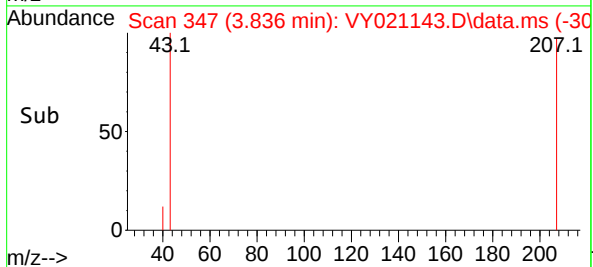
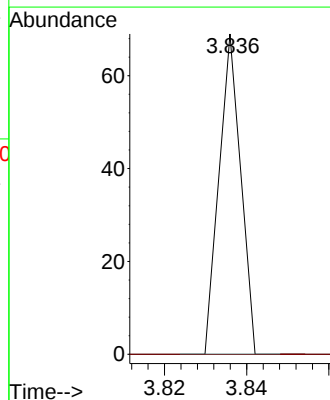
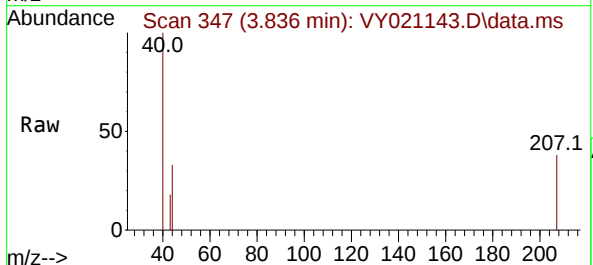
Instrument :
MSVOA_Y
ClientSampleId :
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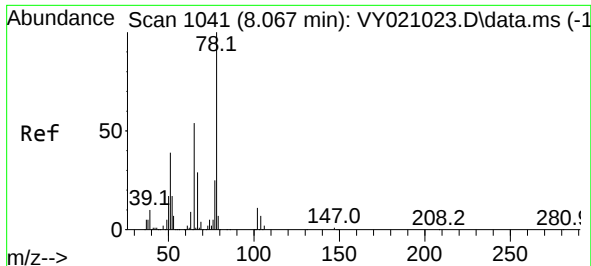
Tgt Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 35.1 52.7#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 8.078 ug/l
RT: 3.836 min Scan# 347
Delta R.T. -0.043 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 67.268 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021143.D

Acq: 07 Feb 2025 16:36

Instrument :

MSVOA_Y

ClientSampleId :

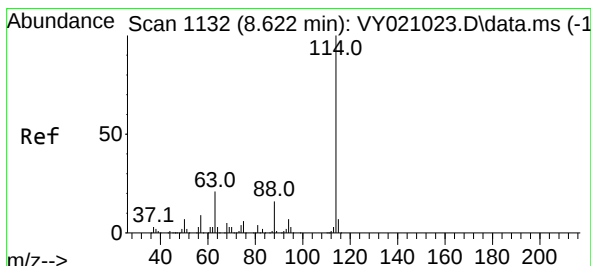
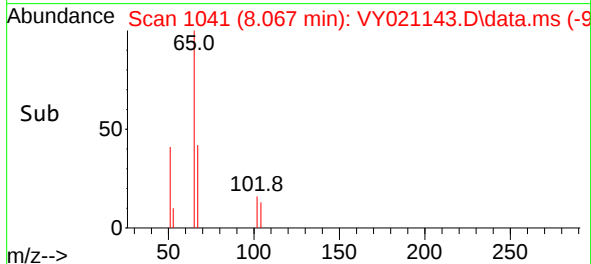
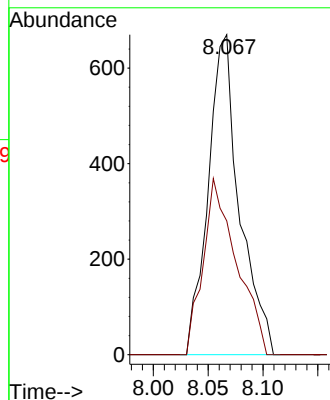
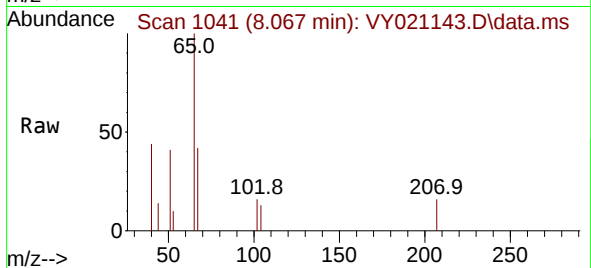
BAY-DRUMS-E

Tgt Ion: 65 Resp: 1335

Ion Ratio Lower Upper

65 100

67 58.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021143.D

Acq: 07 Feb 2025 16:36

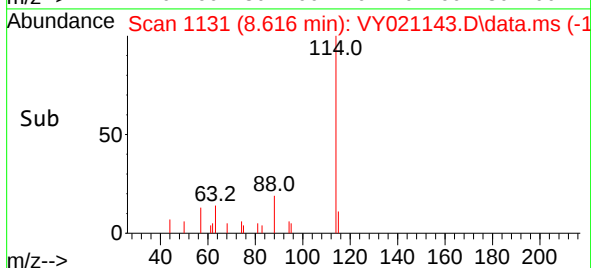
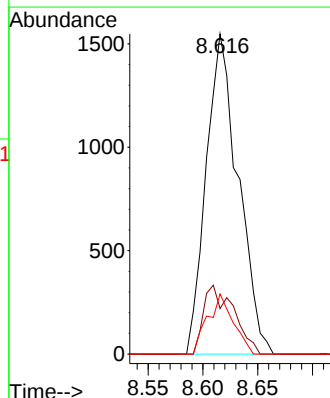
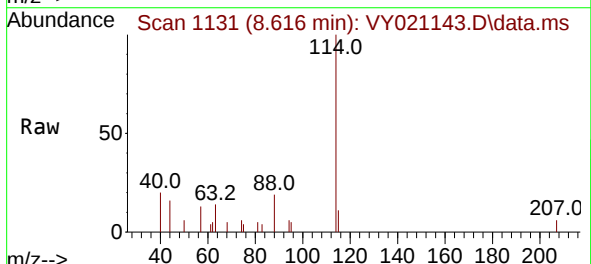
Tgt Ion: 114 Resp: 3146

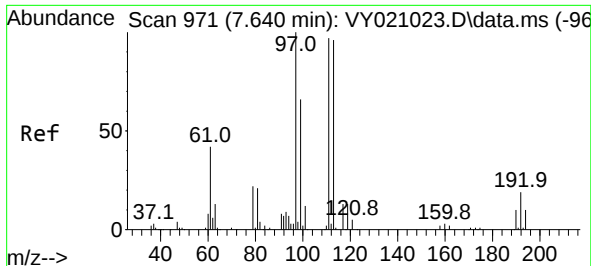
Ion Ratio Lower Upper

114 100

63 14.2 0.0 37.4

88 18.8 0.0 29.0

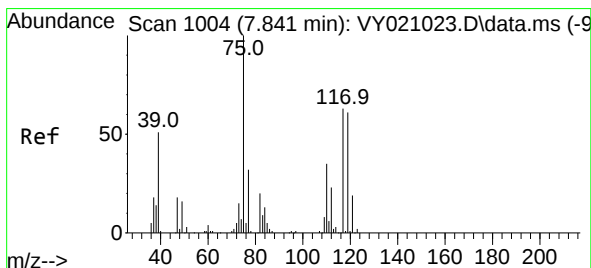
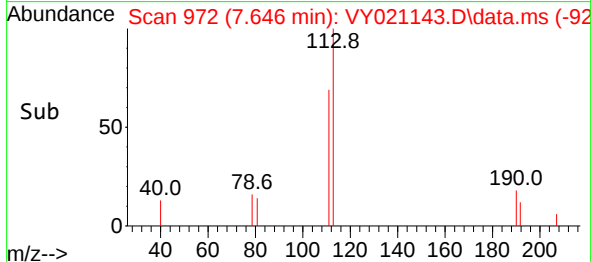
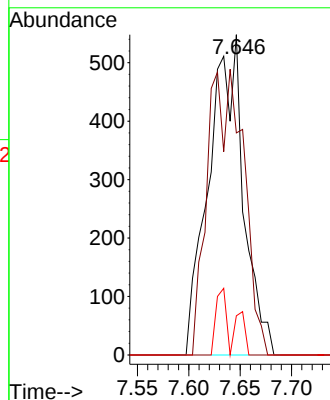
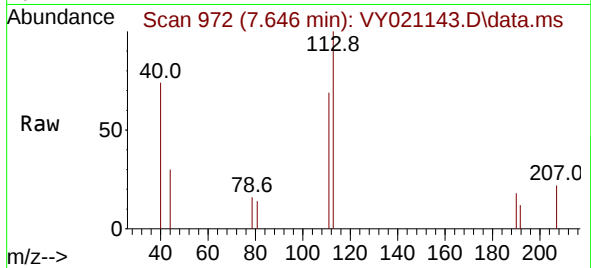




#35
Dibromofluoromethane
Concen: 63.685 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

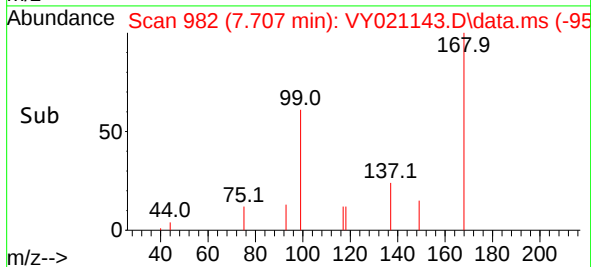
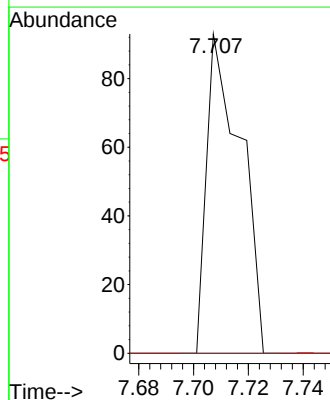
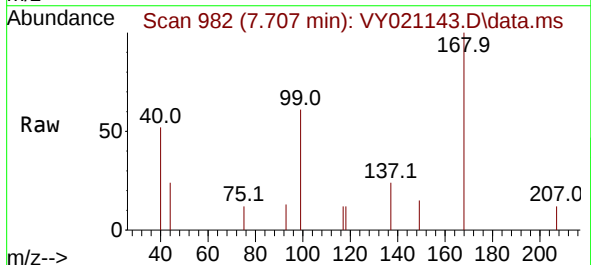
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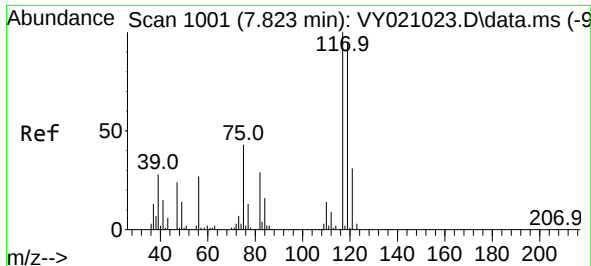
Tgt Ion:113 Resp: 1284
Ion Ratio Lower Upper
113 100
111 47.2 83.8 125.6#
192 6.1 14.5 21.7#



#36
1,1-Dichloropropene
Concen: 2.679 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#

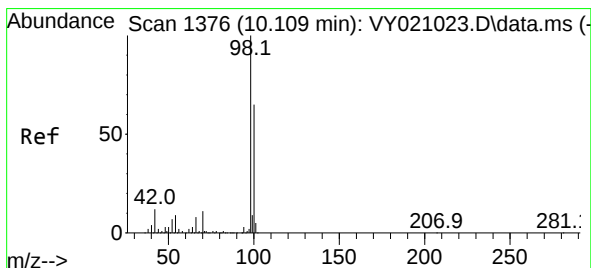
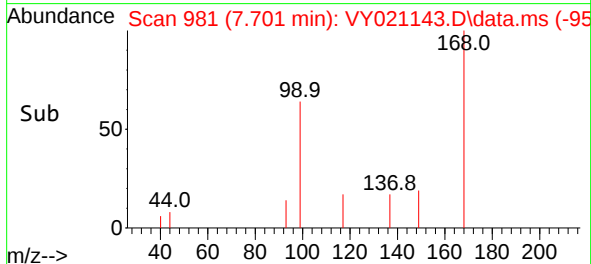
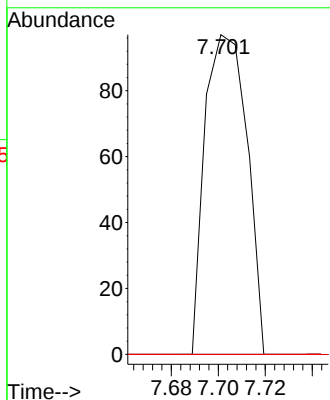
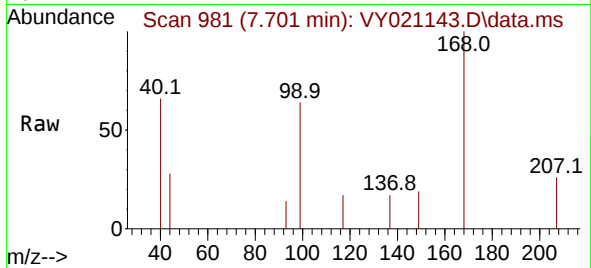




#38
Carbon Tetrachloride
Concen: 3.468 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

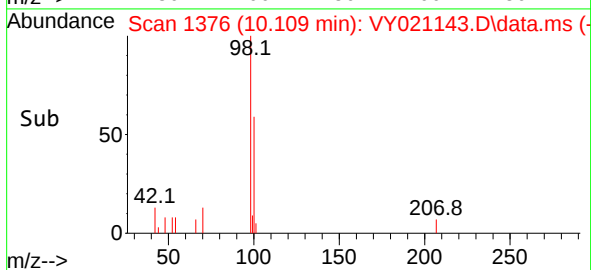
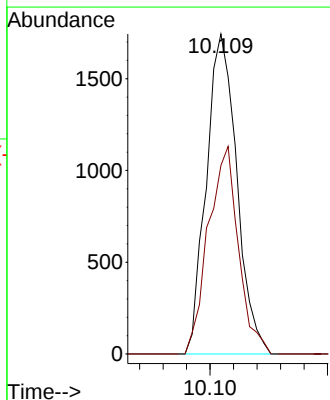
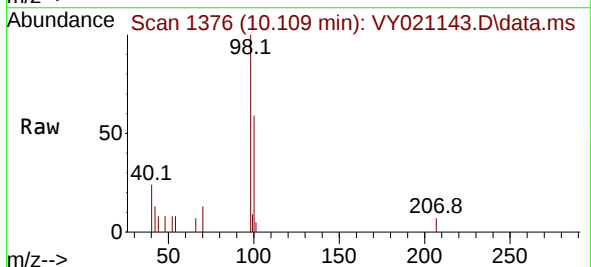
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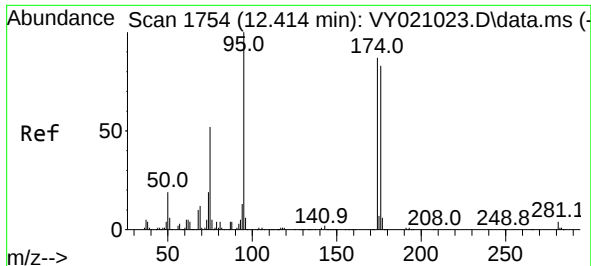
Tgt Ion:117 Resp: 121
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.961 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion: 98 Resp: 3144
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

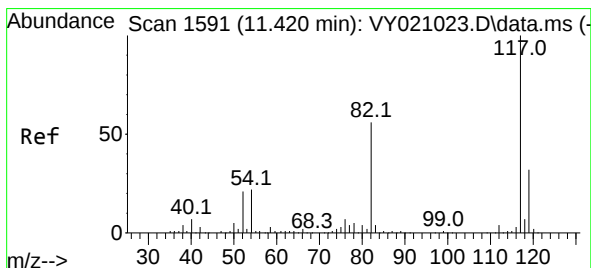
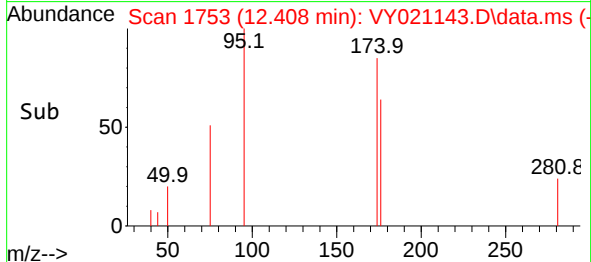
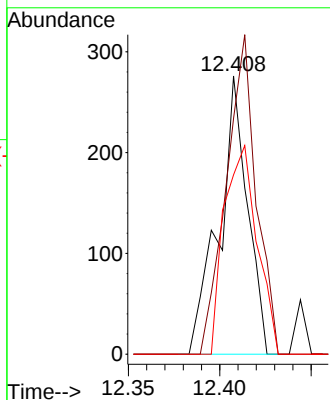
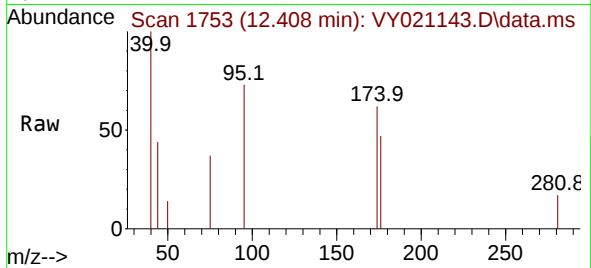




#62
4-Bromofluorobenzene
Concen: 11.924 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

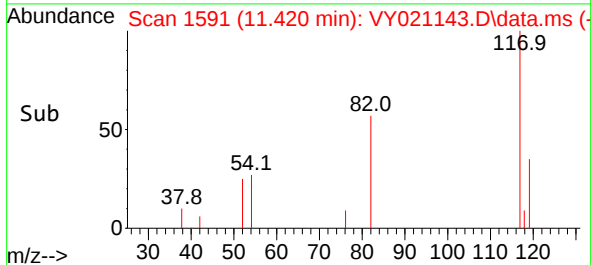
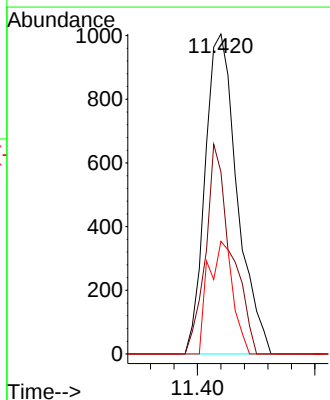
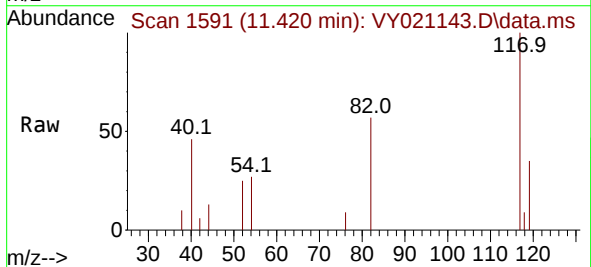
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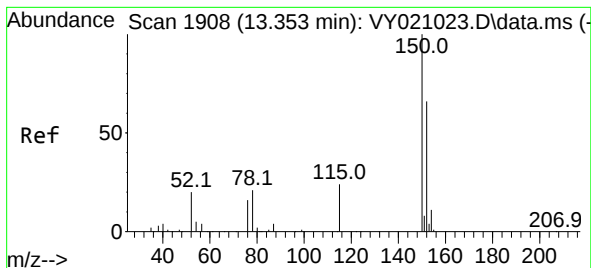
Tgt Ion:	95	Resp:	299
Ion	Ratio	Lower	Upper
95	100		
174	120.7	0.0	160.0
176	87.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion:	117	Resp:	1903
Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.8	65.8
119	35.2	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021143.D

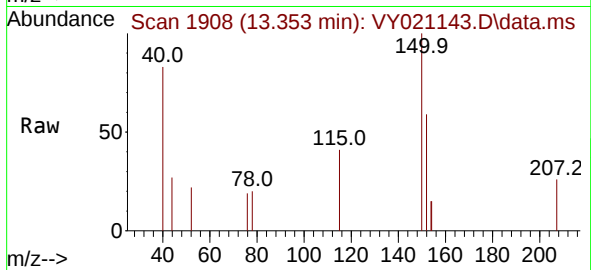
Acq: 07 Feb 2025 16:36

Instrument :

MSVOA_Y

ClientSampleId :

BAY-DRUMS-E



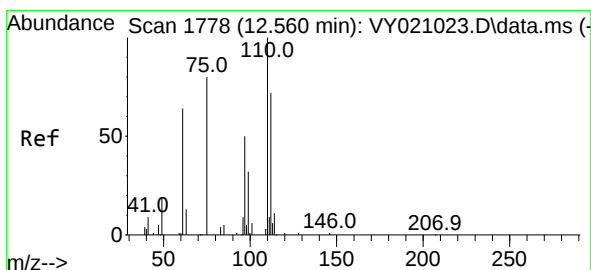
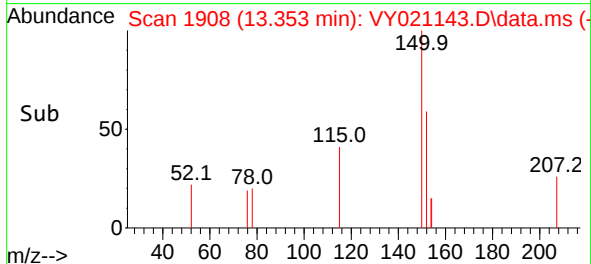
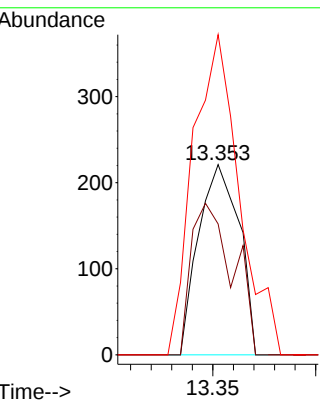
Tgt Ion:152 Resp: 304

Ion Ratio Lower Upper

152 100

115 81.6 30.0 90.0

150 190.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 96.096 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021143.D

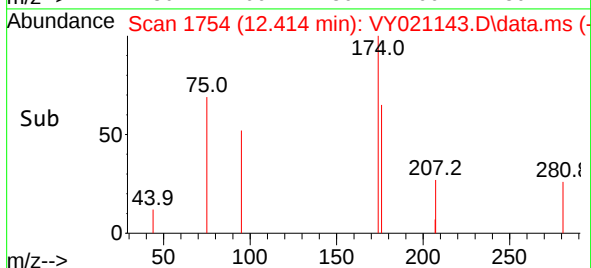
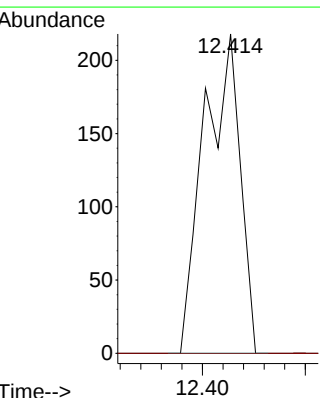
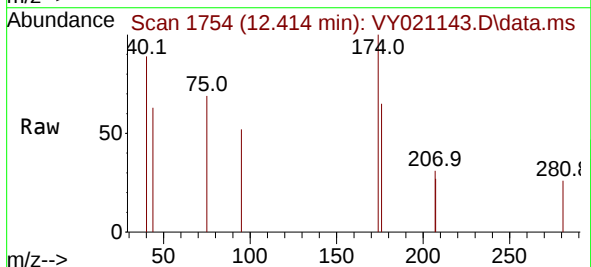
Acq: 07 Feb 2025 16:36

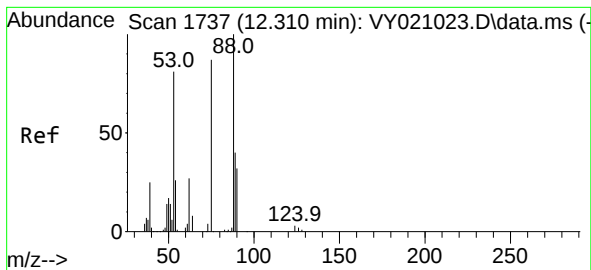
Tgt Ion: 75 Resp: 265

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 196.082 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021143.D
 Acq: 07 Feb 2025 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-E

Tgt Ion: 75 Resp: 265
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

