

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021144.D
 Acq On : 07 Feb 2025 16:59
 Operator : SY/MD
 Sample : Q1287-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-D

Quant Time: Feb 08 02:43:44 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)

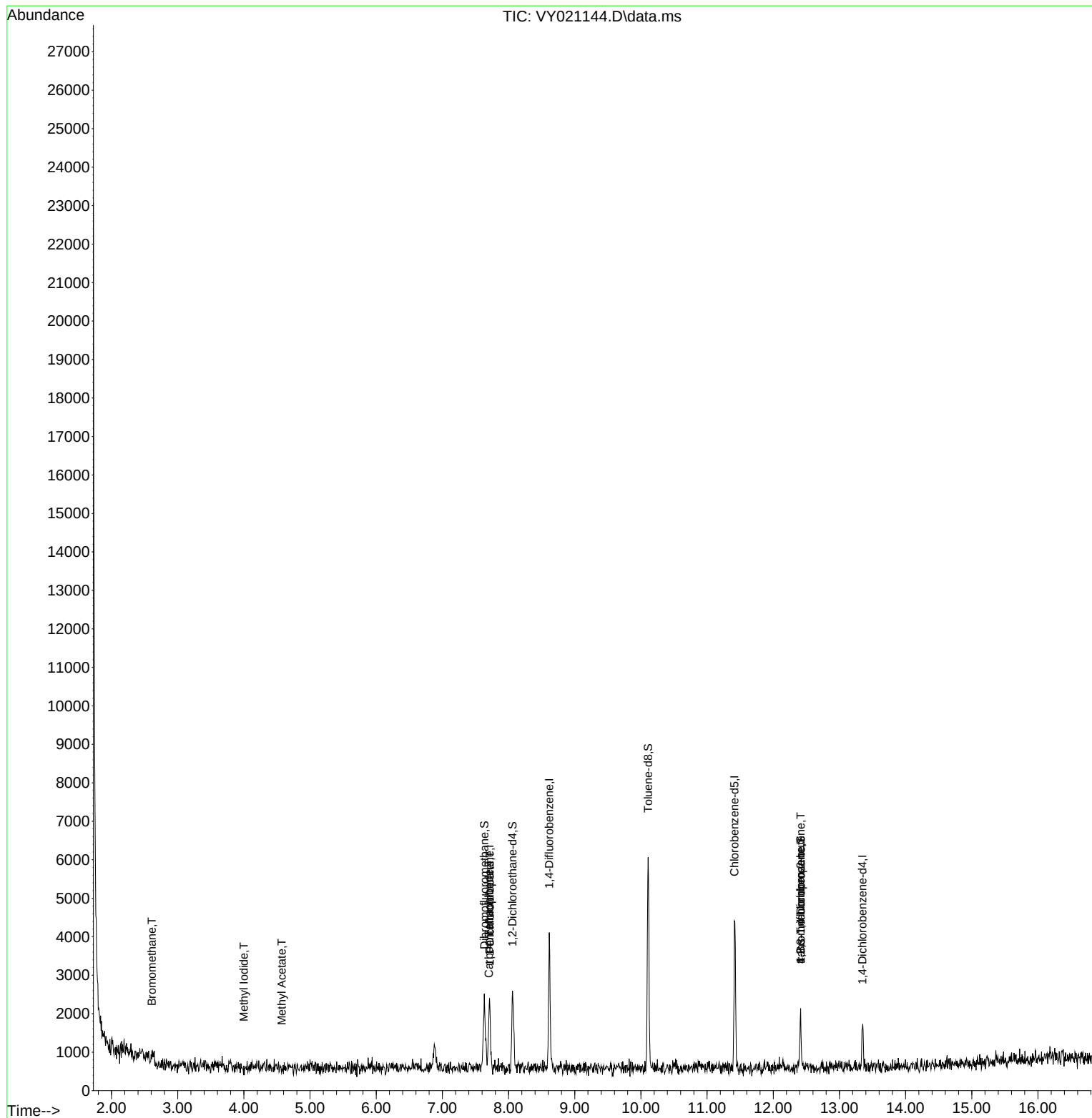
Internal Standards						
1) Pentafluorobenzene	7.713	168	1733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	3496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	1731	97.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.980%#	
35) Dibromofluoromethane	7.634	113	1429	63.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.560%	
50) Toluene-d8	10.109	98	4049	47.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.940%	
62) 4-Bromofluorobenzene	12.413	95	477	17.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 34.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.610	94	62	6.539	ug/l #	1
10) Methyl Iodide	4.000	142	38	1.950	ug/l #	40
18) Methyl Acetate	4.573	43	20	2.058	ug/l #	51
36) 1,1-Dichloropropene	7.719	75	85	2.561	ug/l #	42
38) Carbon Tetrachloride	7.701	117	72	1.857	ug/l #	12
76) 1,2,3-Trichloropropane	12.413	75	290	92.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	290	187.990	ug/l #	12

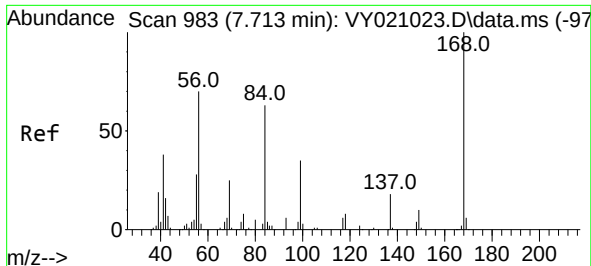
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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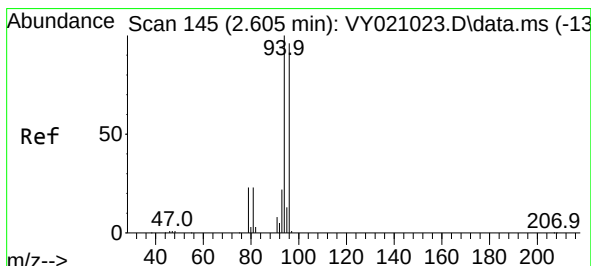
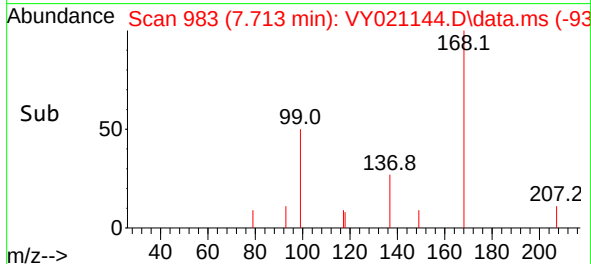
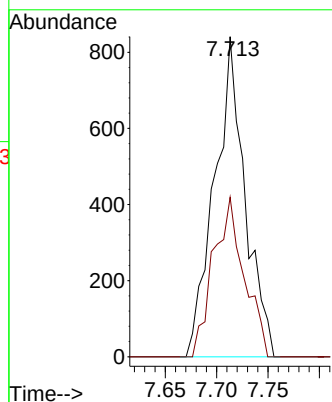
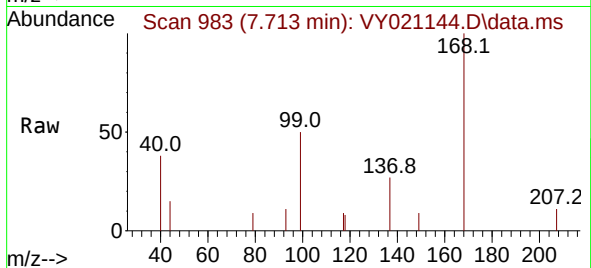




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

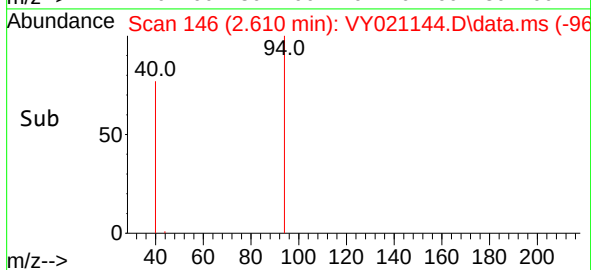
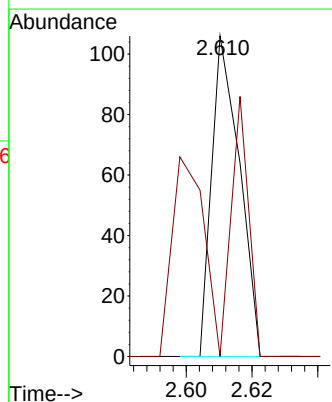
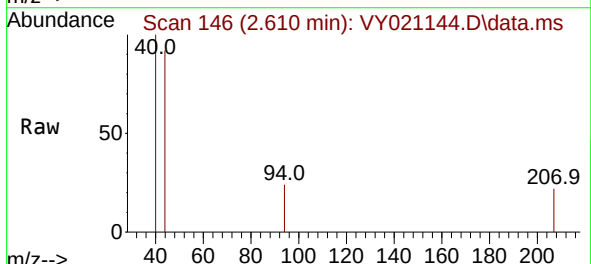
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-D

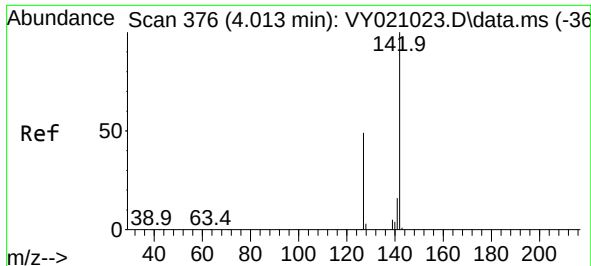
Tgt Ion:168 Resp: 1733
Ion Ratio Lower Upper
168 100
99 49.8 44.2 66.4



#5
Bromomethane
Concen: 6.539 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.006 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
96 0.0 77.3 115.9#

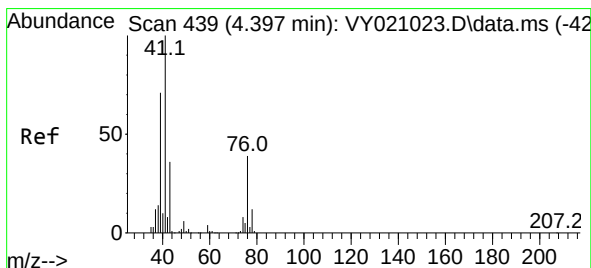
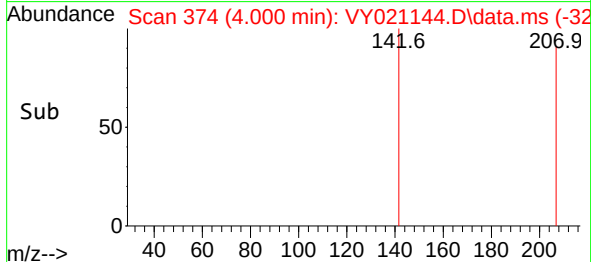
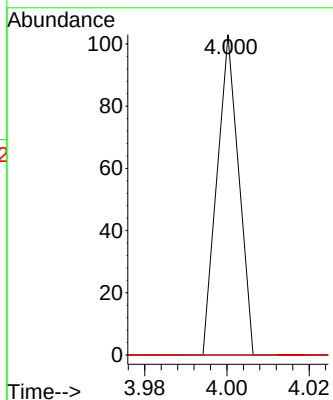
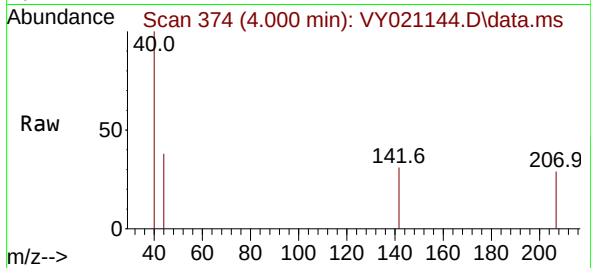




#10
Methyl Iodide
Concen: 1.950 ug/l
RT: 4.000 min Scan# 31
Delta R.T. -0.013 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

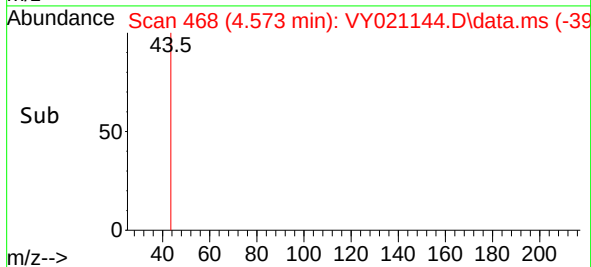
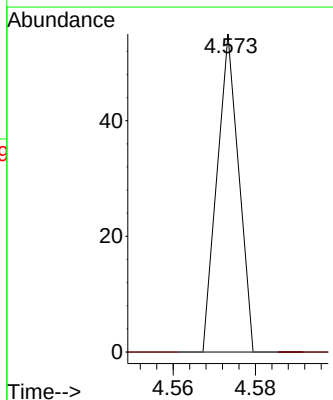
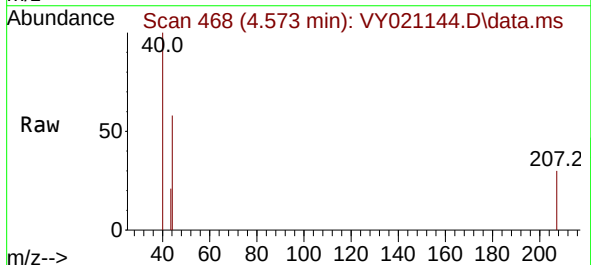
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-D

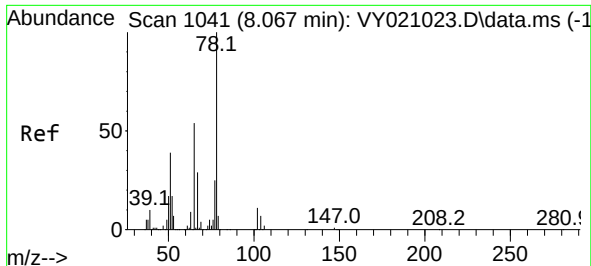
Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
127 0.0 35.1 52.7#
141 0.0 11.8 17.6#



#18
Methyl Acetate
Concen: 2.058 ug/l
RT: 4.573 min Scan# 468
Delta R.T. 0.176 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#





#33

1,2-Dichloroethane-d4

Concen: 97.488 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

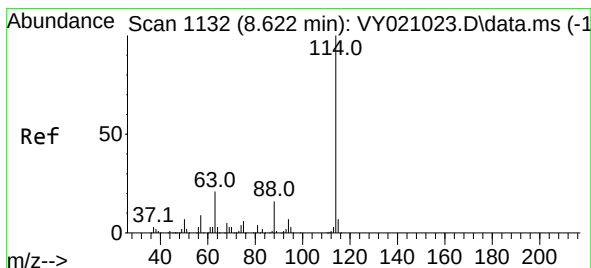
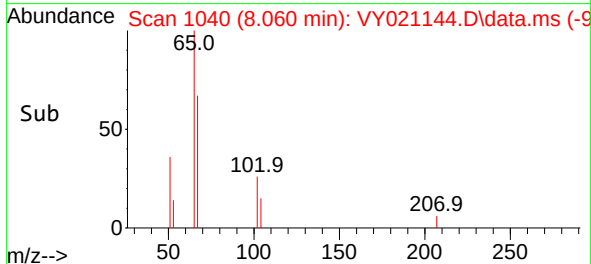
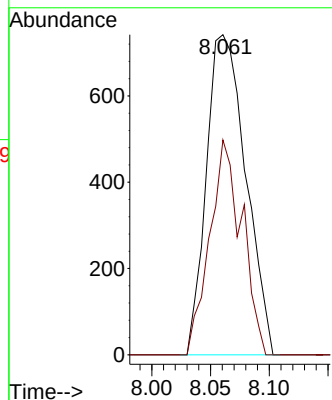
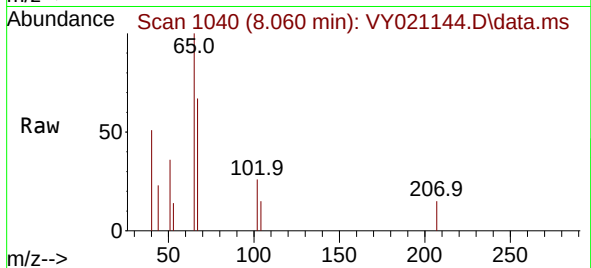
BAY-DRUMS-D

Tgt Ion: 65 Resp: 1731

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

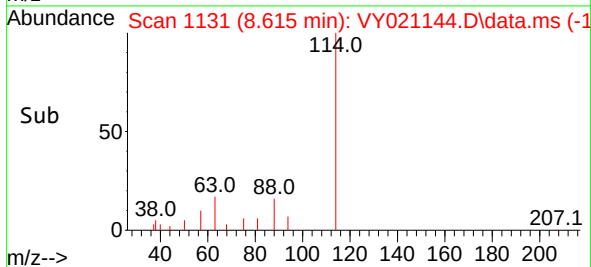
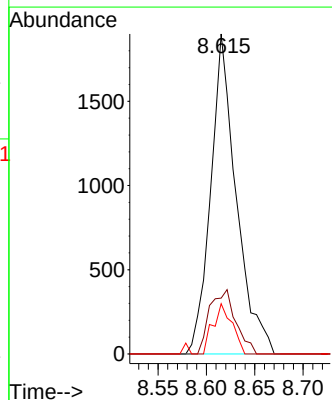
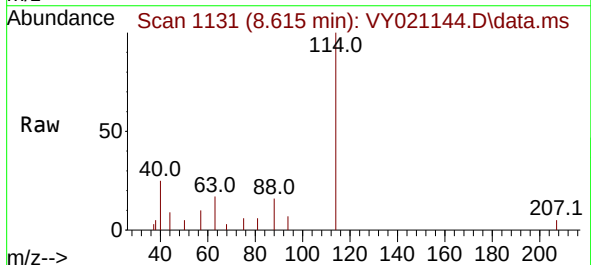
Tgt Ion: 114 Resp: 3496

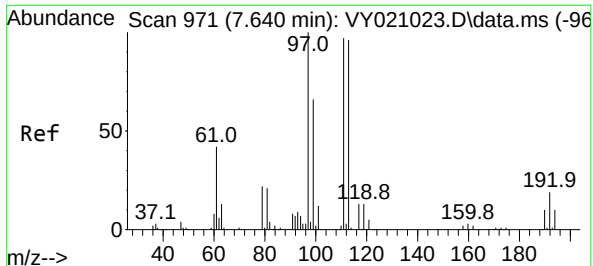
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

88 15.7 0.0 29.0

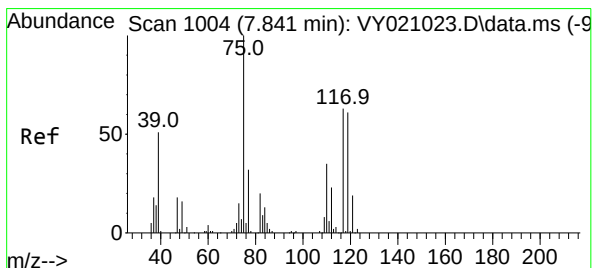
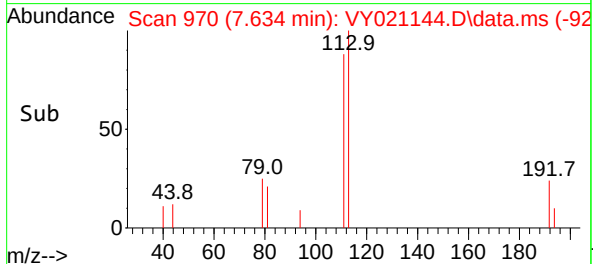
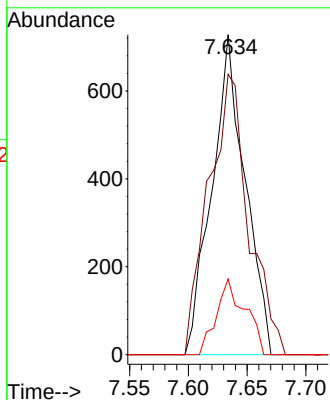
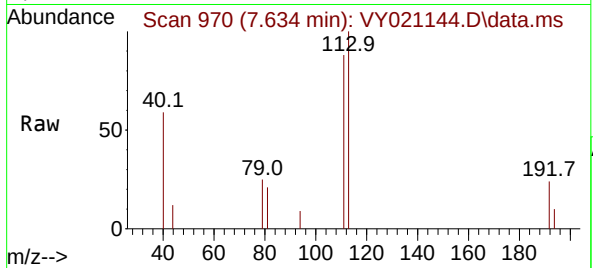




#35
Dibromofluoromethane
Concen: 63.781 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

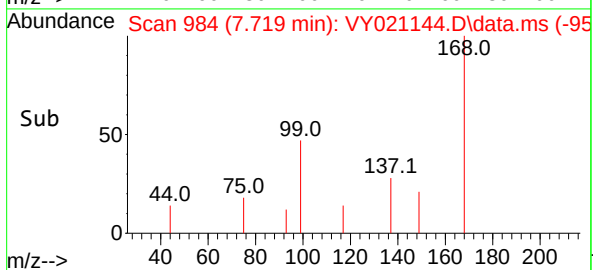
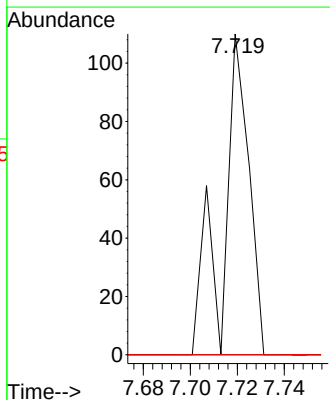
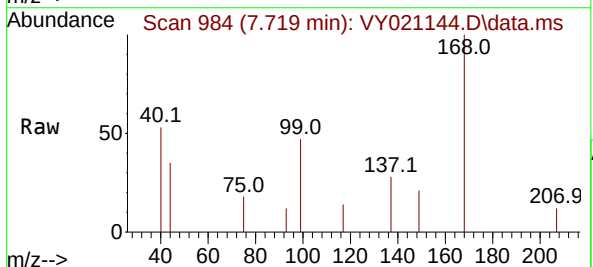
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BAY-DRUMS-D

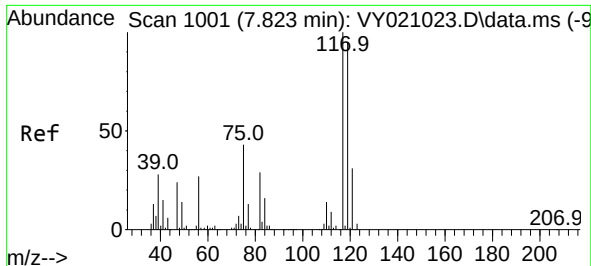
Tgt Ion:113 Resp: 1429
Ion Ratio Lower Upper
113 100
111 105.3 83.8 125.6
192 20.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 2.561 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#

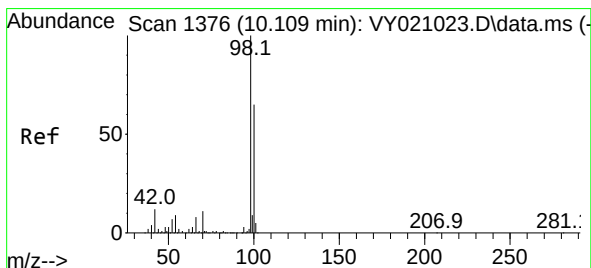
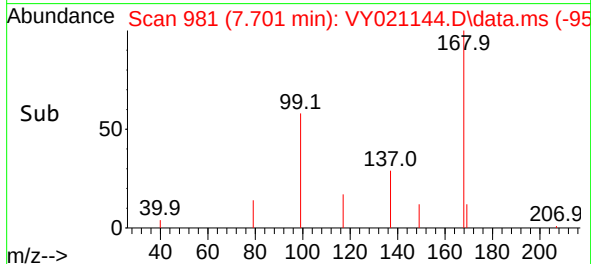
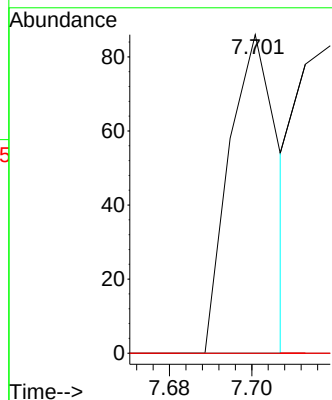
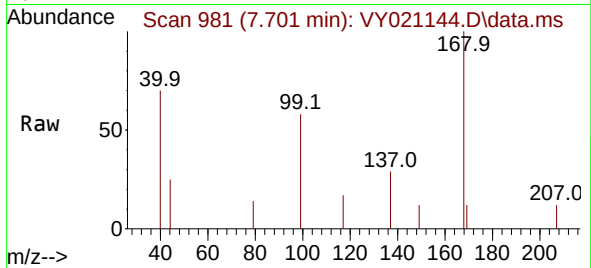




#38
Carbon Tetrachloride
Concen: 1.857 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

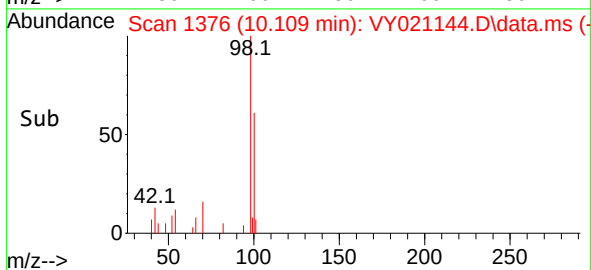
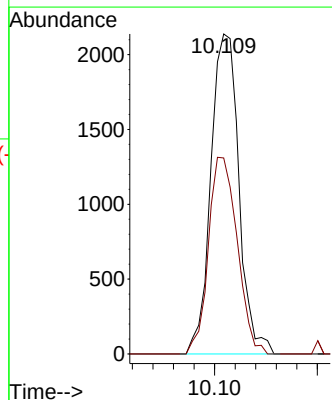
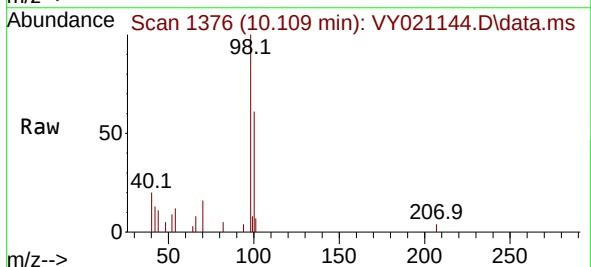
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ClientSampleId :
BAY-DRUMS-D

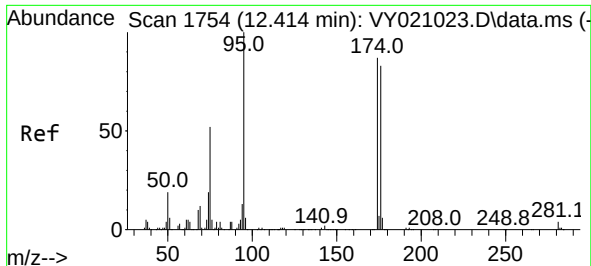
Tgt Ion:117 Resp: 72
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.470 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

Tgt Ion: 98 Resp: 4049
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 17.118 ug/l

RT: 12.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

BAY-DRUMS-D

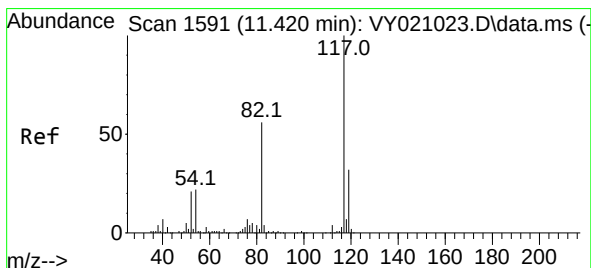
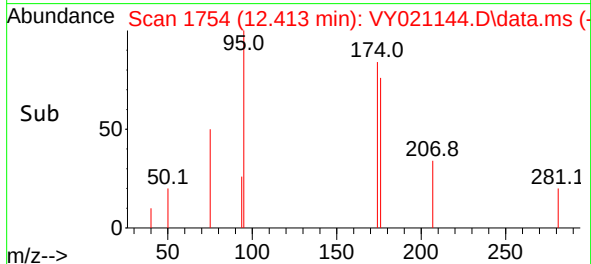
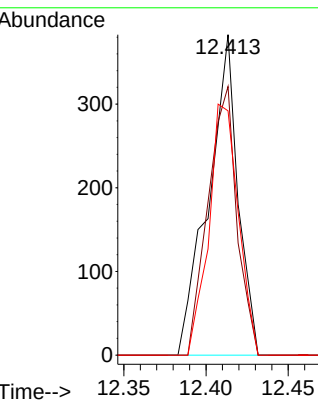
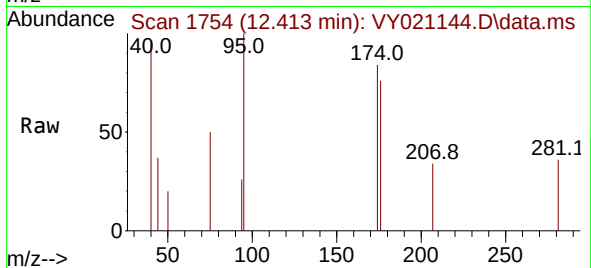
Tgt Ion: 95 Resp: 477

Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.0

176 78.8 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

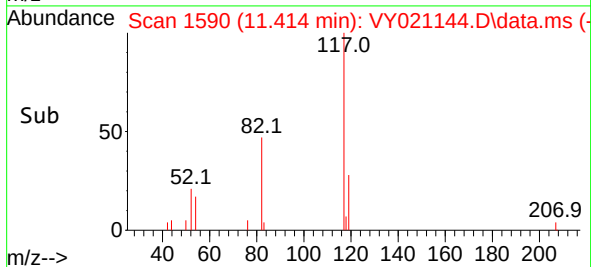
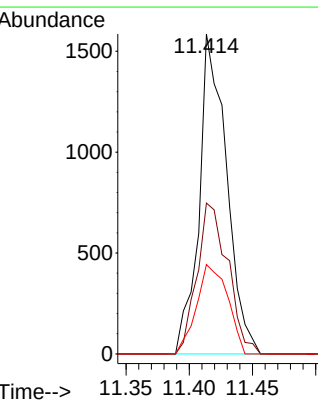
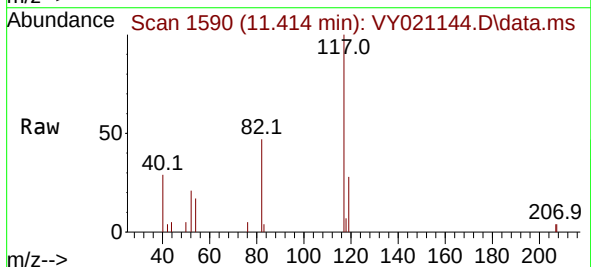
Tgt Ion: 117 Resp: 2396

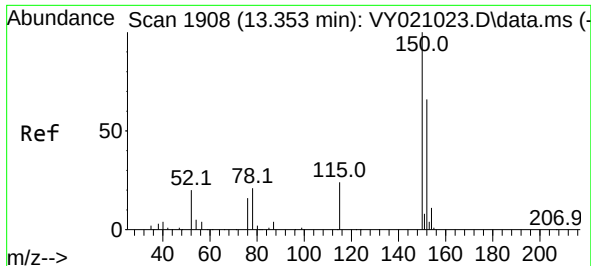
Ion Ratio Lower Upper

117 100

82 47.2 43.8 65.8

119 27.9 26.5 39.7

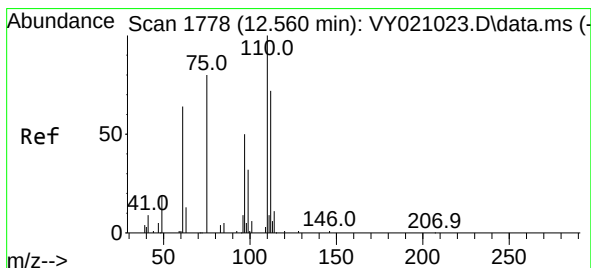
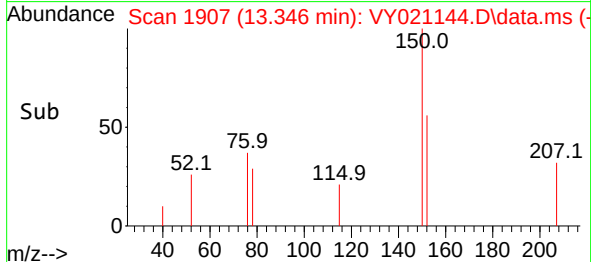
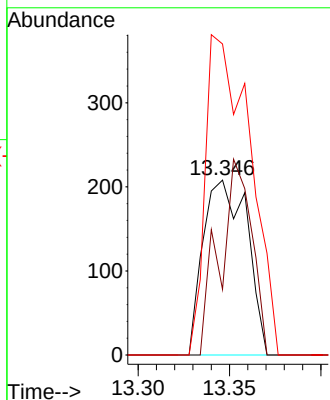
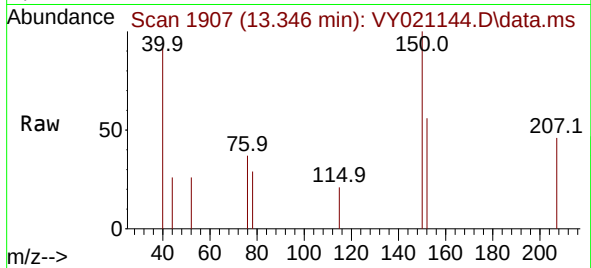




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.007 min
 Lab File: VY021144.D
 Acq: 07 Feb 2025 16:59

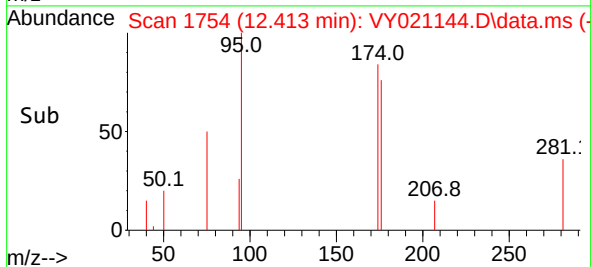
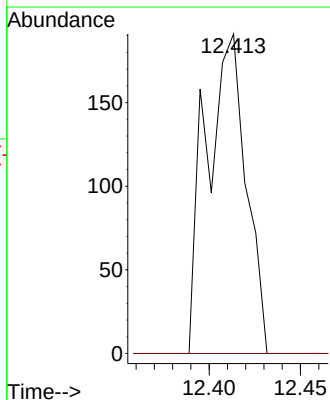
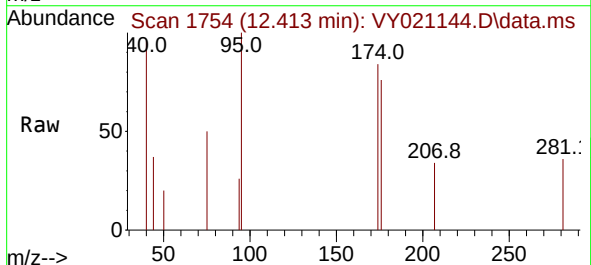
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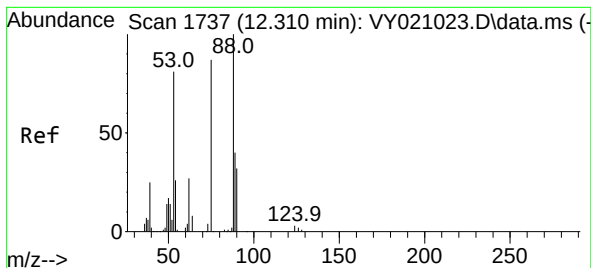
Tgt Ion:152 Resp: 347
 Ion Ratio Lower Upper
 152 100
 115 81.6 30.0 90.0
 150 185.3 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 92.130 ug/l
 RT: 12.413 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY021144.D
 Acq: 07 Feb 2025 16:59

Tgt Ion: 75 Resp: 290
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 187.990 ug/l
 RT: 12.413 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021144.D
 Acq: 07 Feb 2025 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-D

Tgt Ion: 75 Resp: 290
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

