

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080091.D
 Acq On : 19 Nov 2024 18:46
 Operator : RP/MD
 Sample : P4852-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:57:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72489	54.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.200%
35) Dibromofluoromethane	7.811	113	75144	51.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.269	98	262921	47.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.575	95	76713	42.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.800%

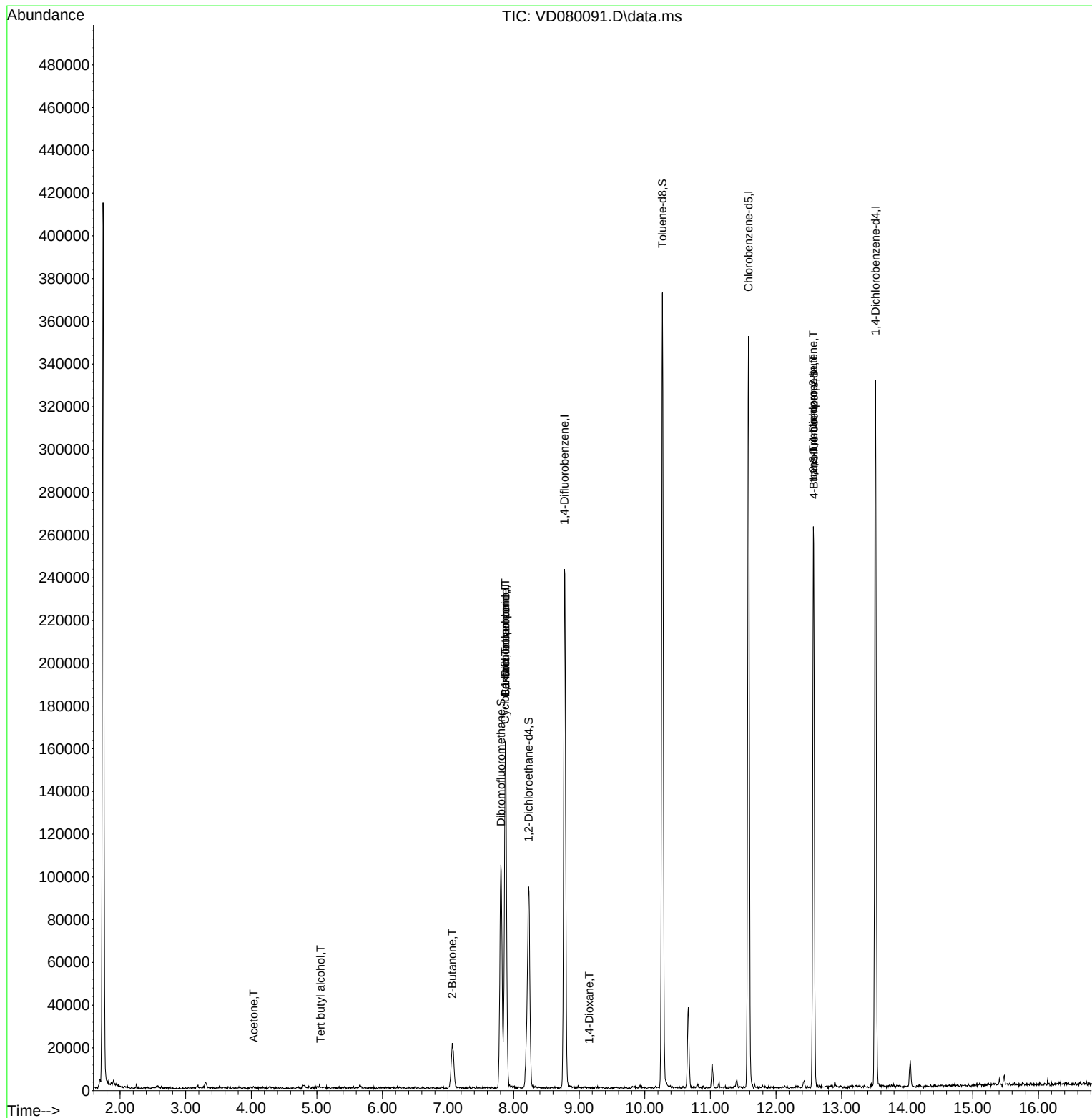
Target Compounds					Qvalue	
5) Bromomethane	2.687	94	74	Below Cal	#	1
11) Tert butyl alcohol	5.058	59	160	2.295	ug/l #	82
16) Acetone	4.034	43	481	1.654	ug/l #	43
25) 2-Butanone	7.064	43	780	2.053	ug/l #	47
31) Cyclohexane	7.869	56	3129	1.434	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10073	5.034	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11616	5.314	ug/l #	19
49) 1,4-Dioxane	9.152	88	53	6.627	ug/l #	21
76) 1,2,3-Trichloropropane	12.569	75	37335	45.171	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	37335	92.448	ug/l #	15

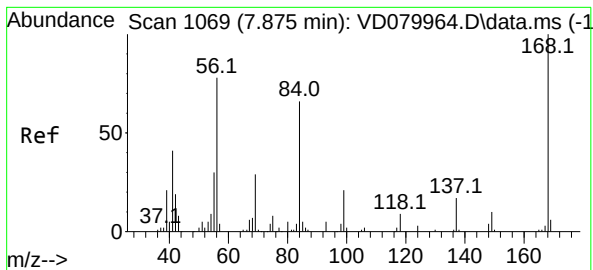
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

Instrument :

MSVOA_D

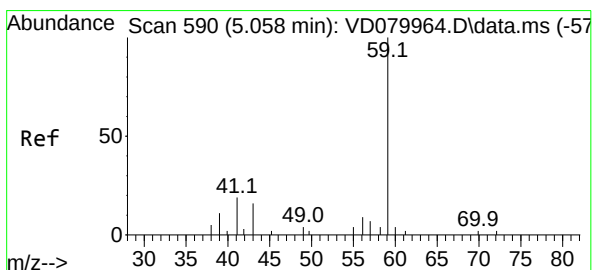
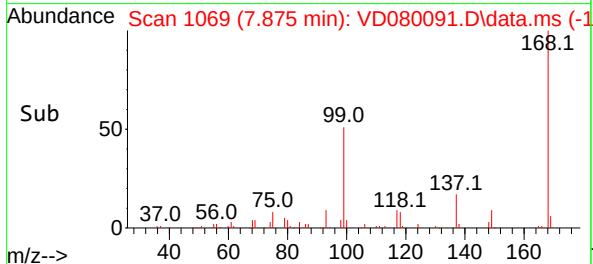
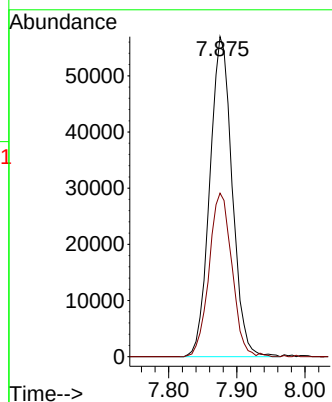
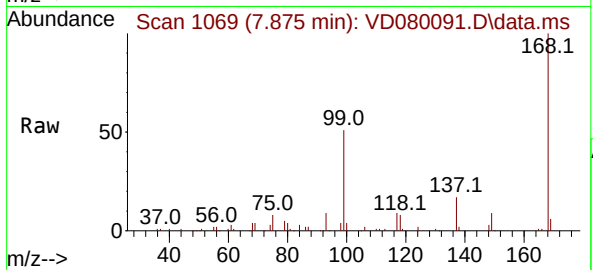
ClientSampleId :

Tgt Ion:168 Resp: 130139

Ion Ratio Lower Upper

168 100

99 51.1 46.0 69.0



#11

Tert butyl alcohol

Concen: 2.295 ug/l

RT: 5.058 min Scan# 590

Delta R.T. -0.000 min

Lab File: VD080091.D

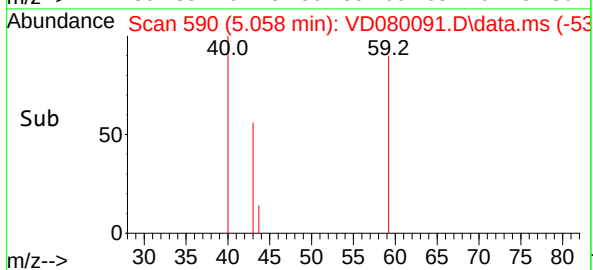
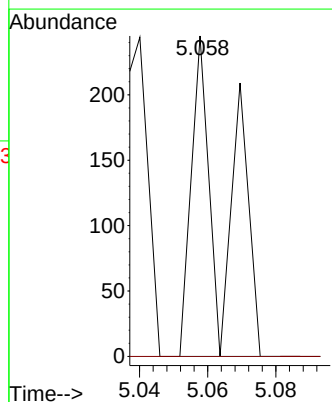
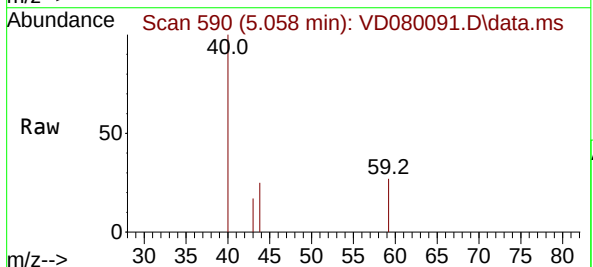
Acq: 19 Nov 2024 18:46

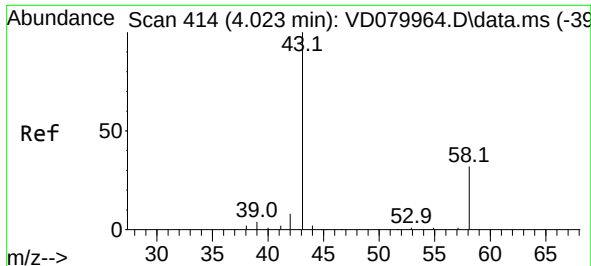
Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

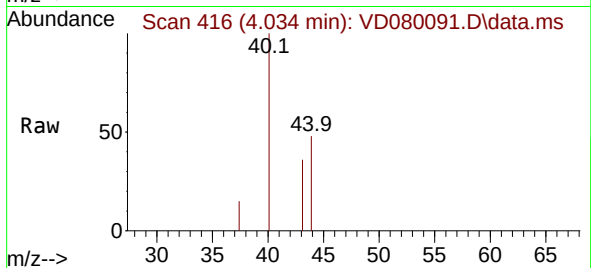
57 0.0 4.8 7.2#



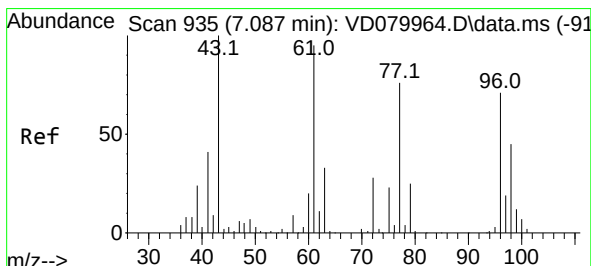
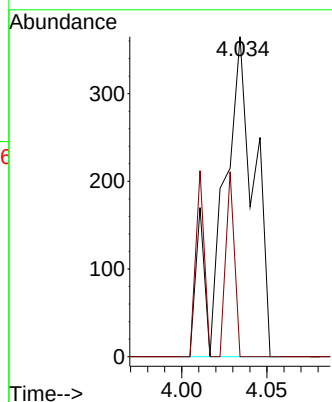
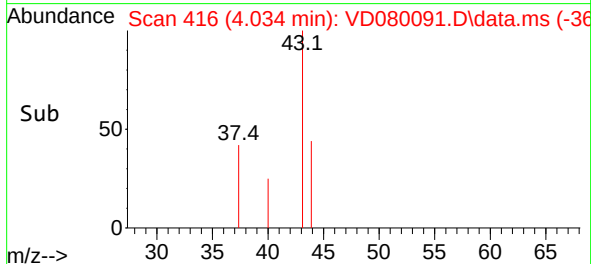


#16
Acetone
Concen: 1.654 ug/l
RT: 4.034 min Scan# 414
Delta R.T. 0.011 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Instrument :
MSVOA_D
ClientSampleId :

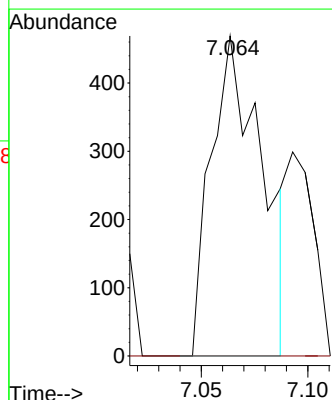
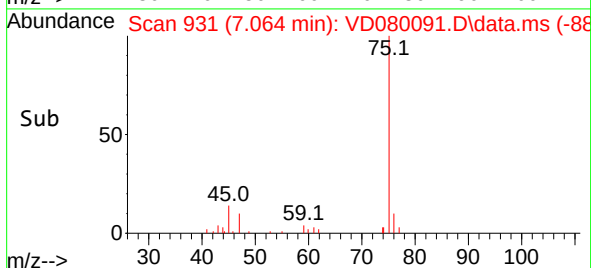
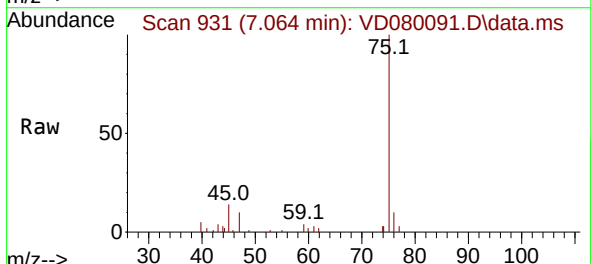


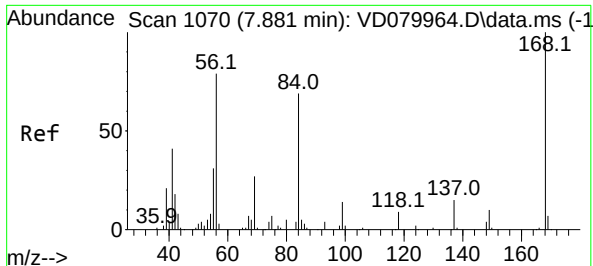
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#25
2-Butanone
Concen: 2.053 ug/l
RT: 7.064 min Scan# 931
Delta R.T. -0.023 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

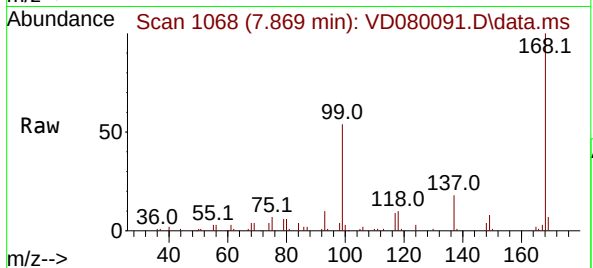
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



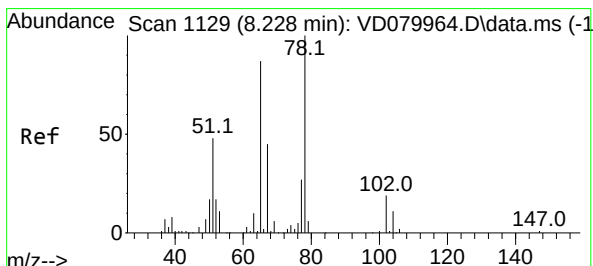
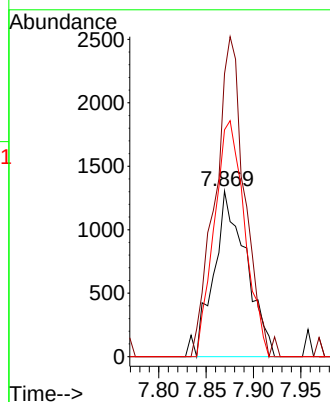
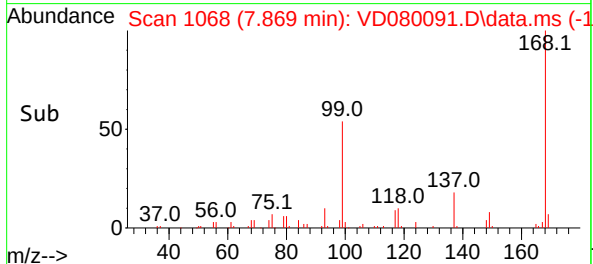


#31
Cyclohexane
Concen: 1.434 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Instrument :
MSVOA_D
ClientSampleId :

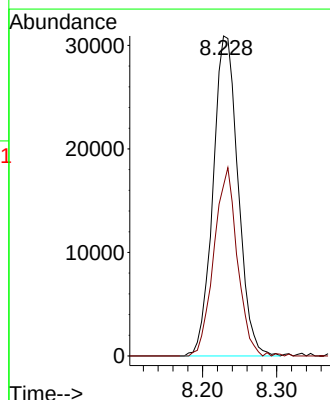
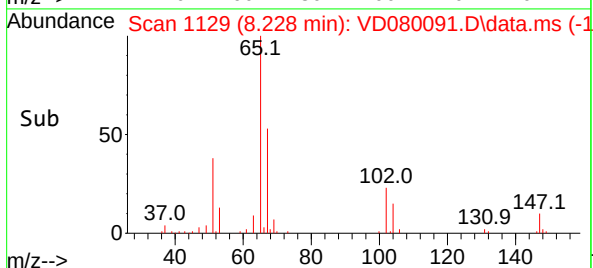
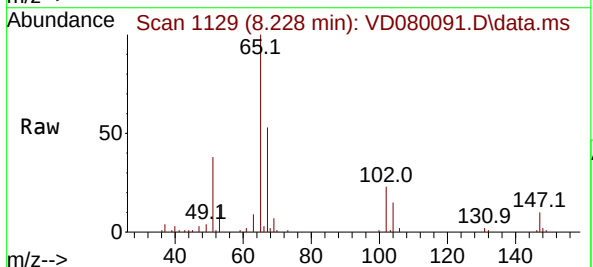


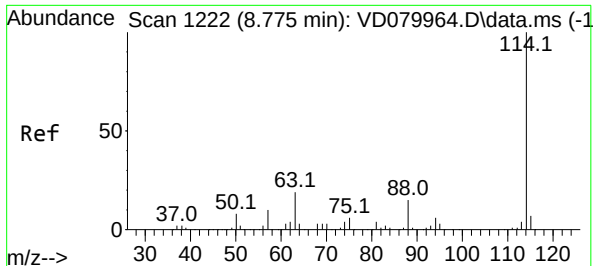
Tgt Ion: 56 Resp: 3129
Ion Ratio Lower Upper
56 100
69 170.9 27.3 40.9#
84 137.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.100 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Tgt Ion: 65 Resp: 72489
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

Instrument :

MSVOA_D

ClientSampleId :

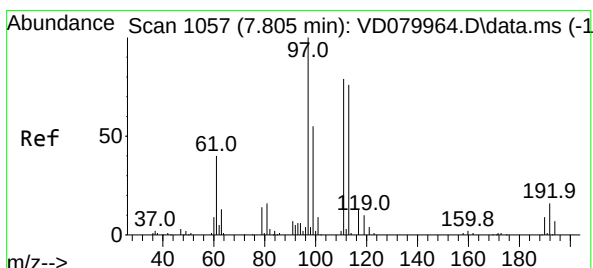
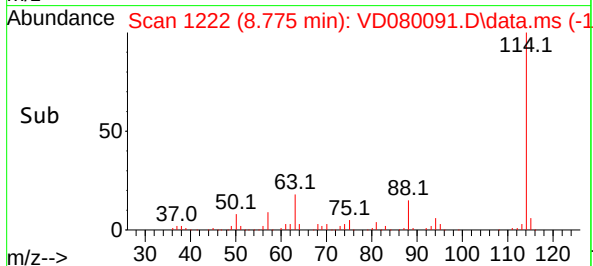
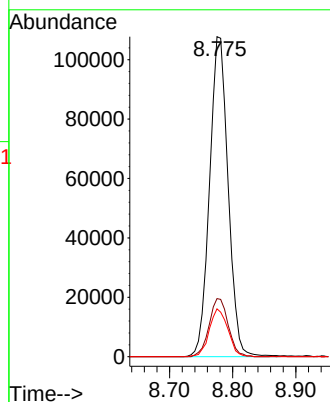
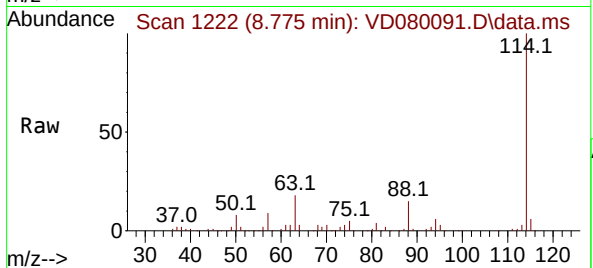
Tgt Ion:114 Resp: 219862

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.8

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.354 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

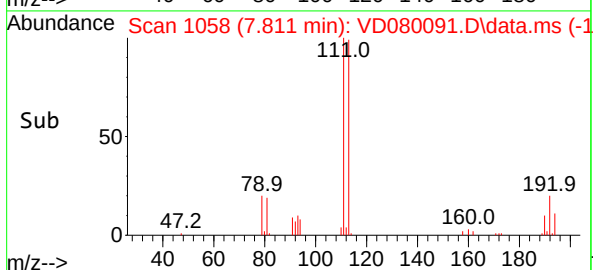
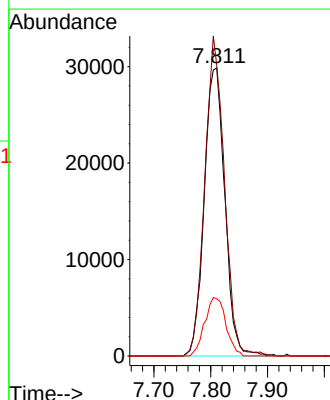
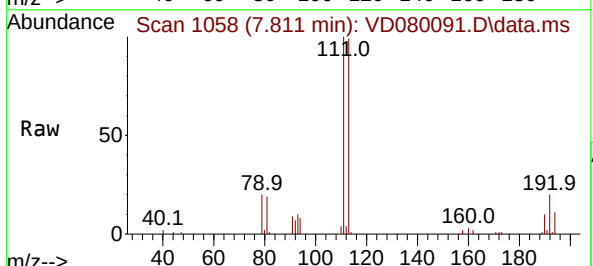
Tgt Ion:113 Resp: 75144

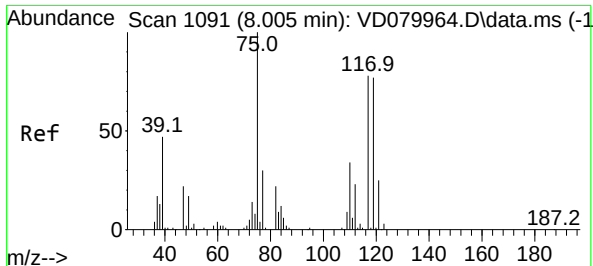
Ion Ratio Lower Upper

113 100

111 105.3 82.5 123.7

192 20.8 16.6 25.0





#36

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

Instrument :

MSVOA_D

ClientSampleId :

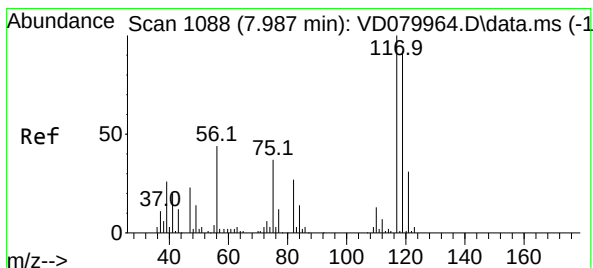
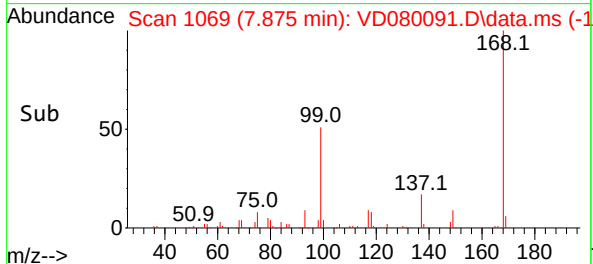
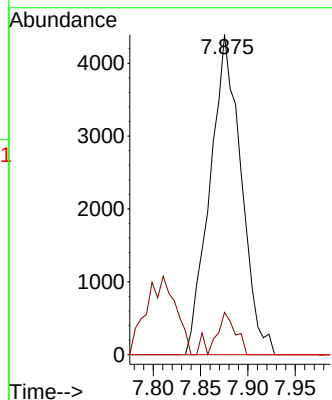
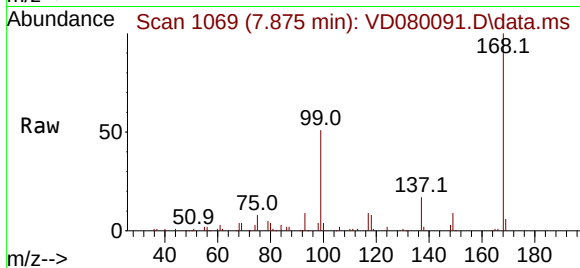
Tgt Ion: 75 Resp: 10073

Ion Ratio Lower Upper

75 100

110 7.4 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.314 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

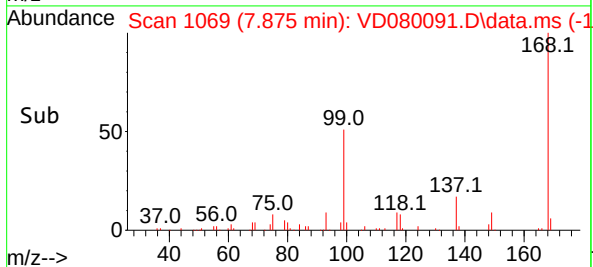
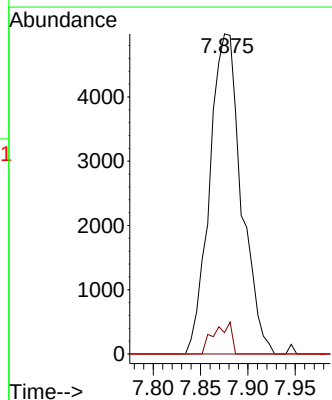
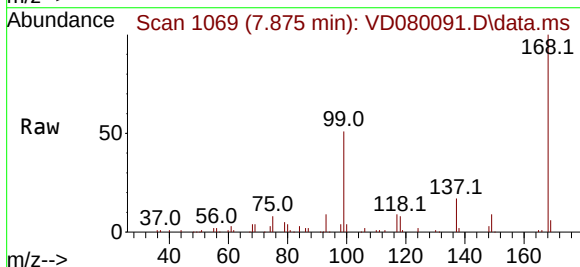
Tgt Ion: 117 Resp: 11616

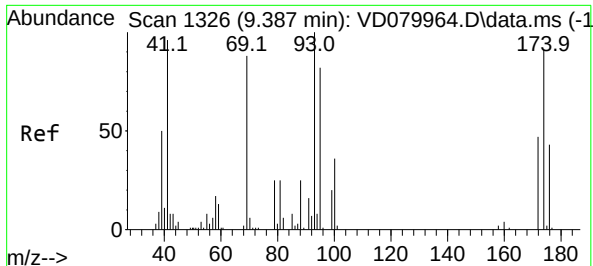
Ion Ratio Lower Upper

117 100

119 6.7 73.4 110.0#

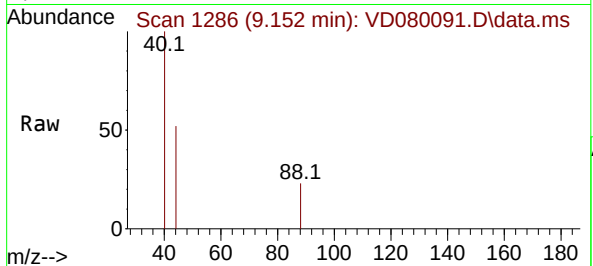
121 0.0 24.5 36.7#



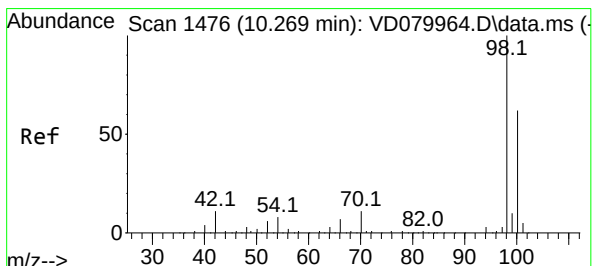
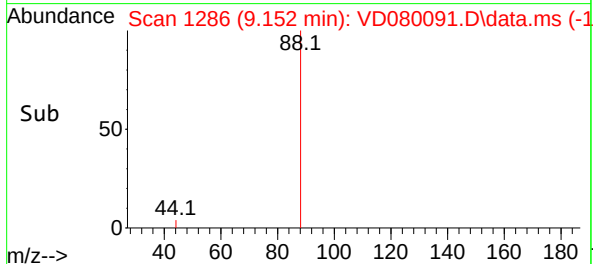
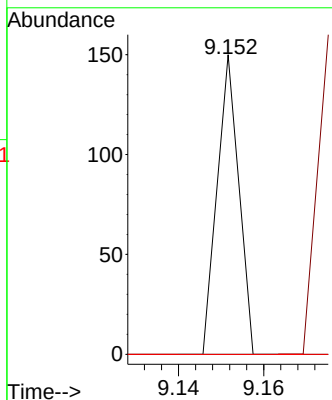


#49
 1,4-Dioxane
 Concen: 6.627 ug/l
 RT: 9.152 min Scan# 1286
 Delta R.T. -0.235 min
 Lab File: VD080091.D
 Acq: 19 Nov 2024 18:46

Instrument :
 MSVOA_D
 ClientSampleId :

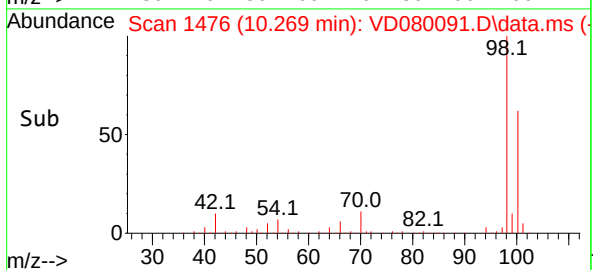
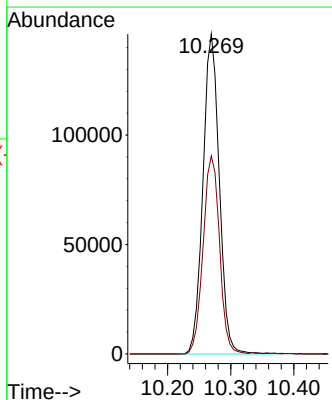
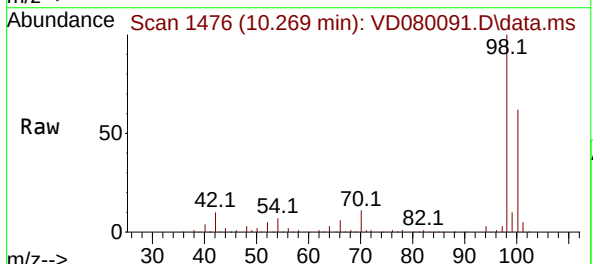


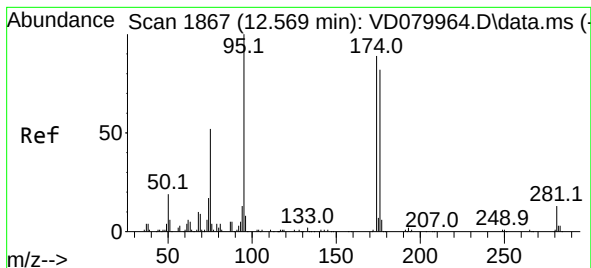
Tgt Ion: 88 Resp: 53
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.1 43.7#
 58 0.0 59.9 89.9#



#50
 Toluene-d8
 Concen: 47.674 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD080091.D
 Acq: 19 Nov 2024 18:46

Tgt Ion: 98 Resp: 262921
 Ion Ratio Lower Upper
 98 100
 100 62.1 50.2 75.4

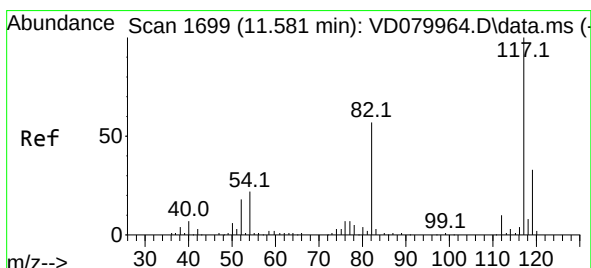
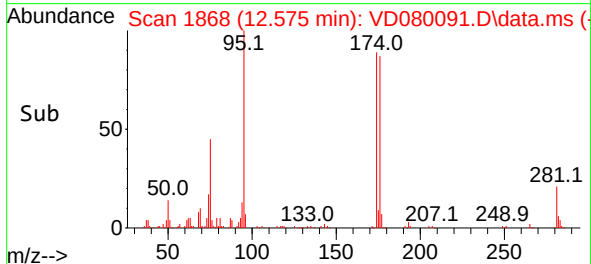
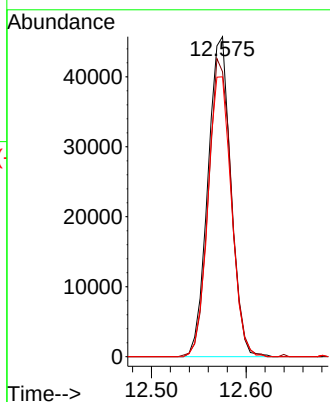
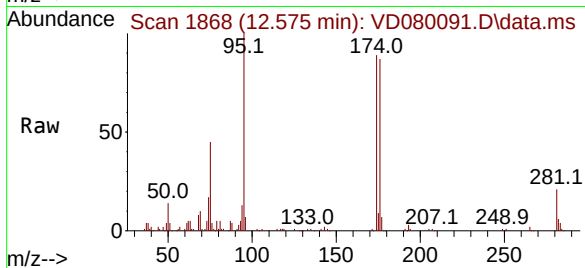




#62
4-Bromofluorobenzene
Concen: 42.397 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

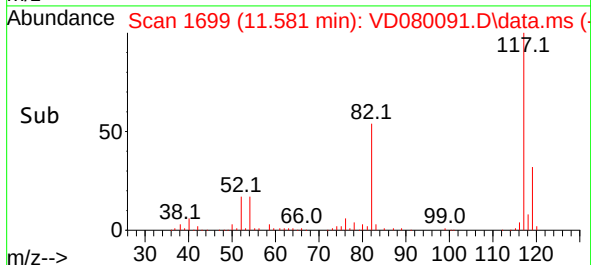
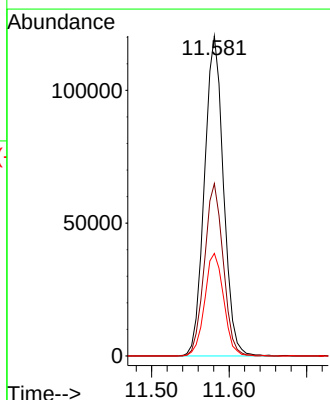
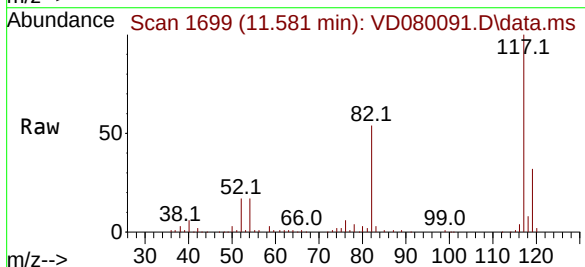
Instrument :
MSVOA_D
ClientSampleId :

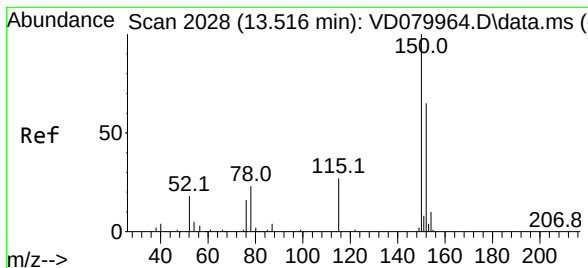
Tgt Ion: 95 Resp: 76713
Ion Ratio Lower Upper
95 100
174 93.4 0.0 173.4
176 89.8 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Tgt Ion: 117 Resp: 205065
Ion Ratio Lower Upper
117 100
82 53.8 45.8 68.6
119 32.1 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

Instrument :

MSVOA_D

ClientSampleId :

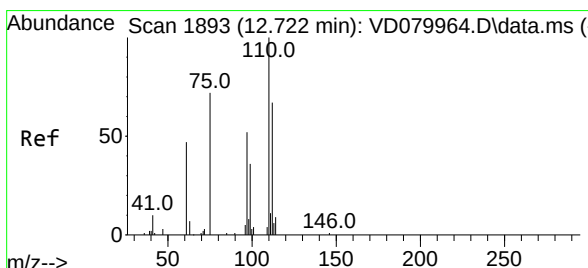
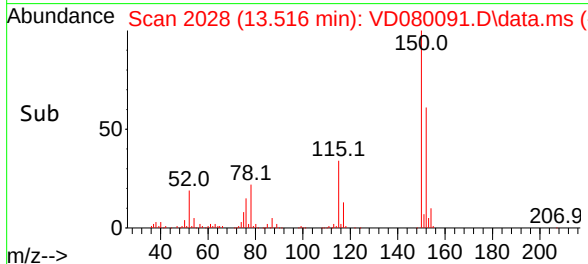
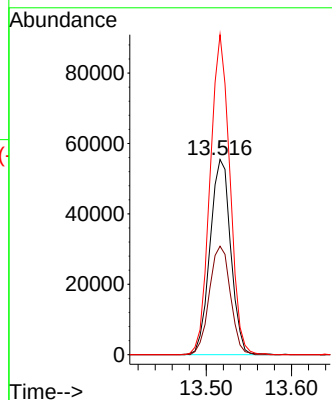
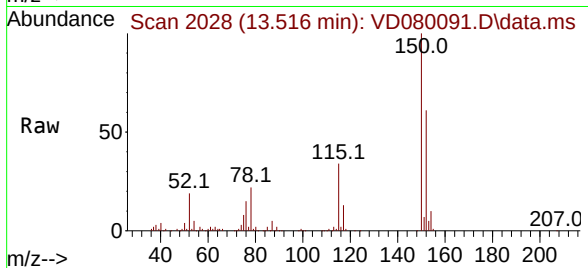
Tgt Ion:152 Resp: 93603

Ion Ratio Lower Upper

152 100

115 56.6 28.9 86.8

150 156.0 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 45.171 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD080091.D

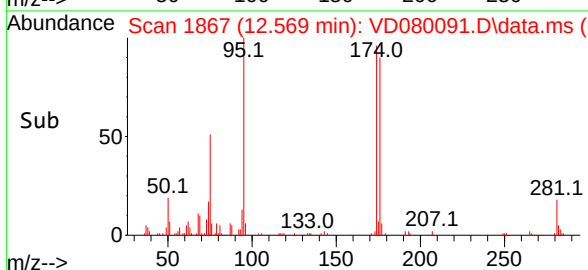
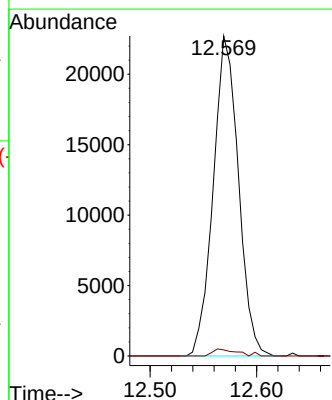
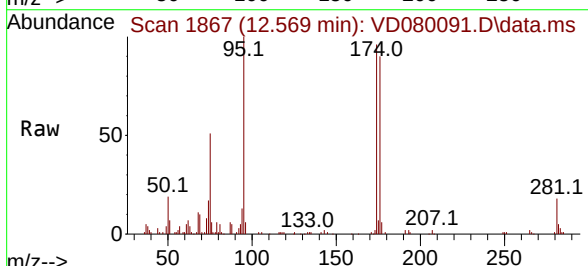
Acq: 19 Nov 2024 18:46

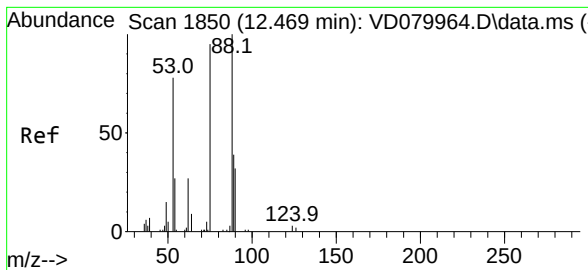
Tgt Ion: 75 Resp: 37335

Ion Ratio Lower Upper

75 100

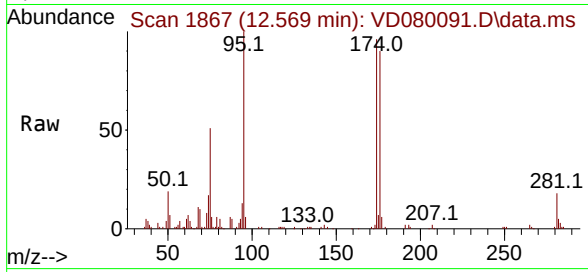
77 2.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.448 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.7	103.1#
89	0.1	36.1	54.1#

