

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079599.D
 Acq On : 06 Aug 2024 01:29
 Operator : RP/MD
 Sample : P3409-01
 Misc : 5.29G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 28 Sample Multiplier: 1

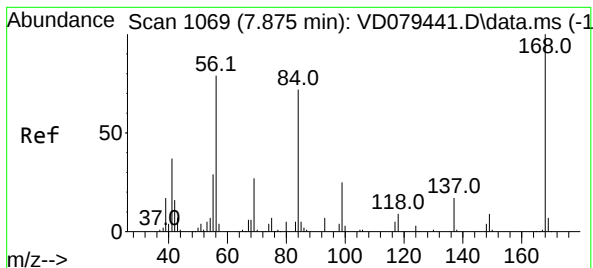
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:54:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

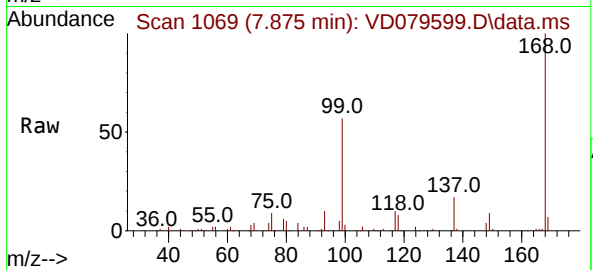
Internal Standards						
1) Pentafluorobenzene	7.875	168	191213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	144392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113481	58.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.840%
35) Dibromofluoromethane	7.805	113	121996	48.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.269	98	426921	44.001	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.000%
62) 4-Bromofluorobenzene	12.569	95	114996	40.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.920%
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	780	Below Cal	#	74
11) Tert butyl alcohol	5.058	59	118	Below Cal	#	86
16) Acetone	4.034	43	497	1.316	ug/l #	1
20) Methylene Chloride	4.799	84	24105	Below Cal	#	91
31) Cyclohexane	7.881	56	3877	1.202	ug/l #	15
36) 1,1-Dichloropropene	7.875	75	16235	4.761	ug/l #	47
38) Carbon Tetrachloride	7.875	117	18526	5.168	ug/l #	15
73) Isopropylbenzene	12.569	105	249	3.649	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	58508	46.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	58508	88.415	ug/l #	19
83) tert-Butylbenzene	13.204	119	77	3.637	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.234	105	1712	3.605	ug/l #	29
86) p-Isopropyltoluene	13.510	119	61	3.892	ug/l #	1
89) n-Butylbenzene	13.787	91	275	3.809	ug/l #	53

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

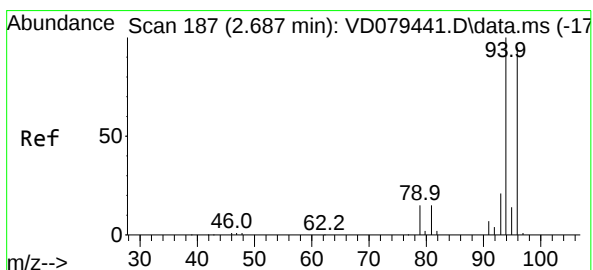
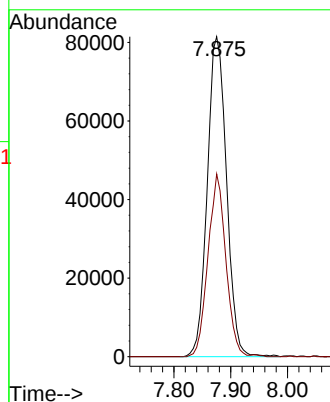
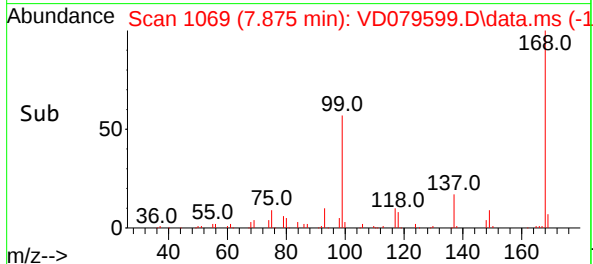


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

Instrument :
MSVOA_D
ClientSampleId :

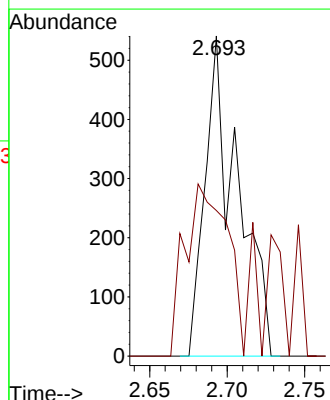
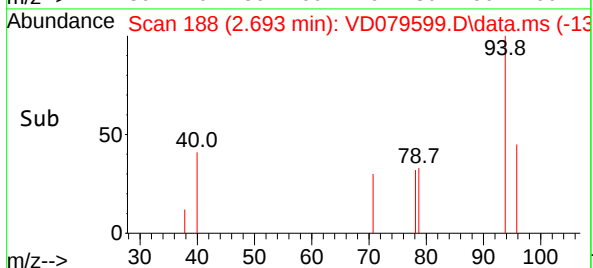
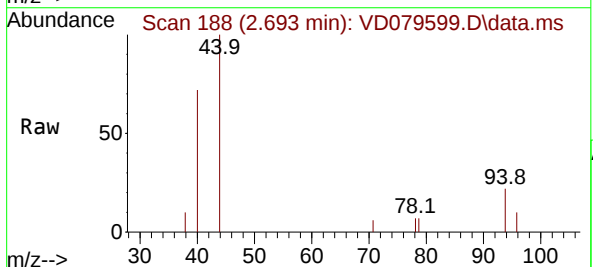


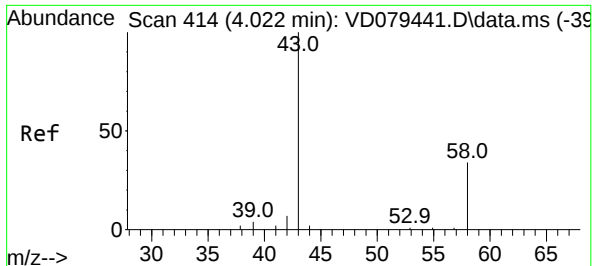
Tgt Ion:168 Resp: 191213
Ion Ratio Lower Upper
168 100
99 57.1 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

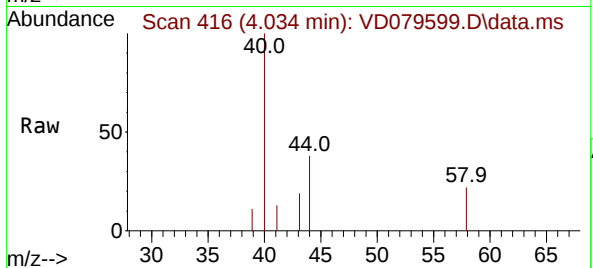
Tgt Ion: 94 Resp: 780
Ion Ratio Lower Upper
94 100
96 71.2 76.9 115.3#



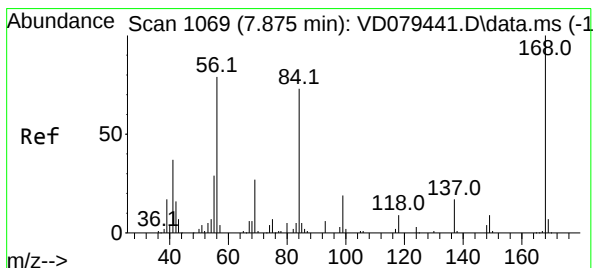
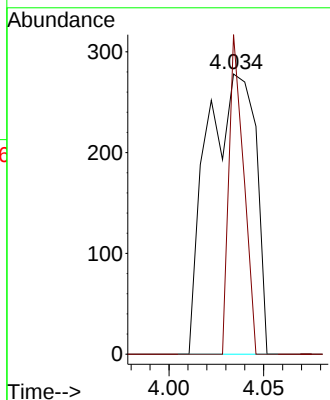
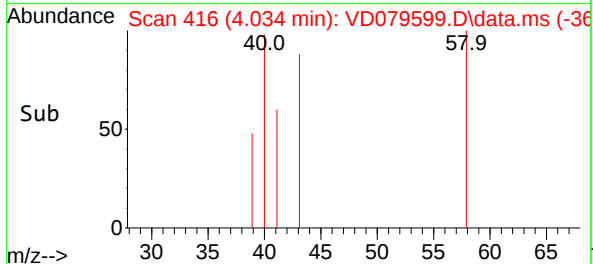


#16
Acetone
Concen: 1.316 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

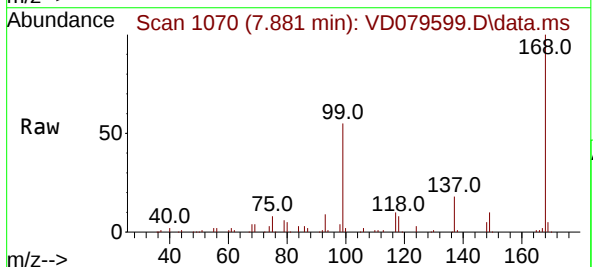
Instrument :
MSVOA_D
ClientSampleId :



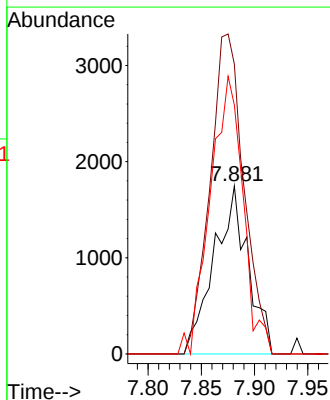
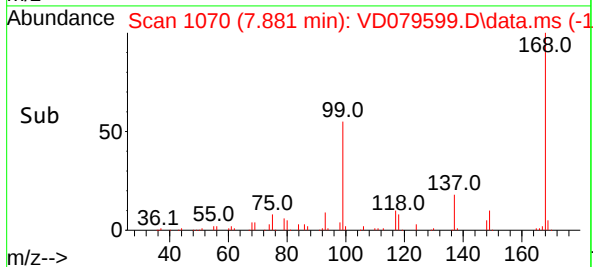
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 114.0 30.4 45.6#

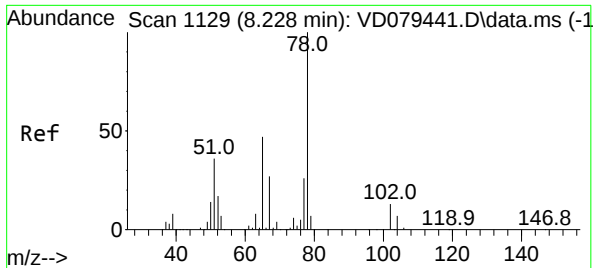


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29



Tgt Ion: 56 Resp: 3877
Ion Ratio Lower Upper
56 100
69 172.4 28.0 42.0#
84 148.1 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 58.419 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

Instrument :

MSVOA_D

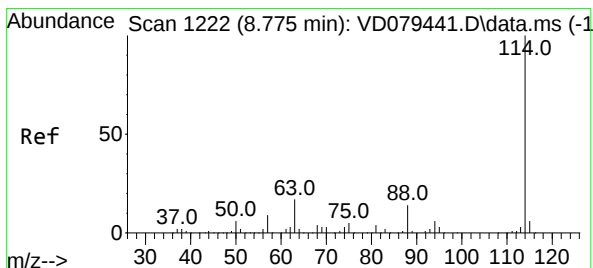
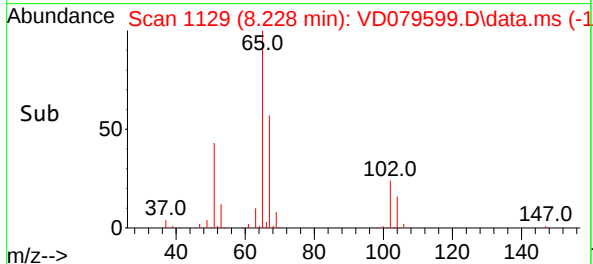
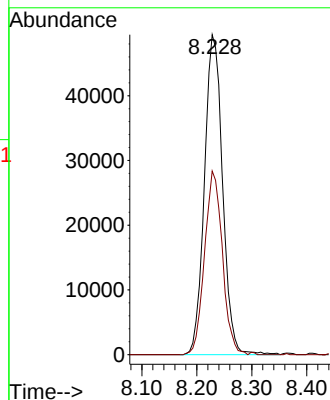
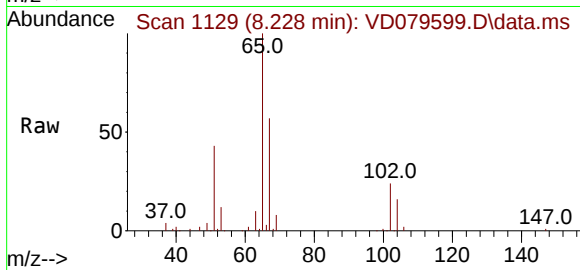
ClientSampleId :

Tgt Ion: 65 Resp: 113481

Ion Ratio Lower Upper

65 100

67 56.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

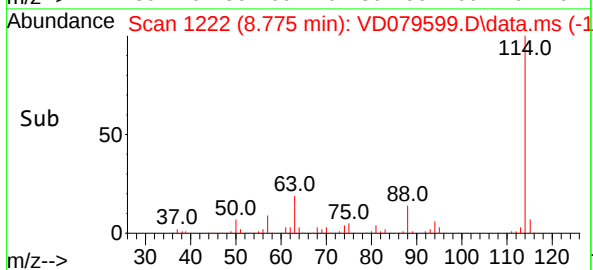
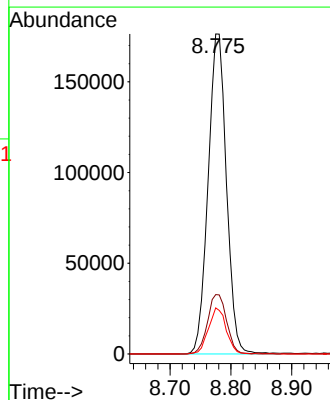
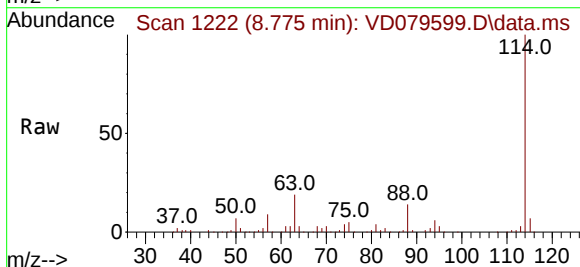
Tgt Ion:114 Resp: 369138

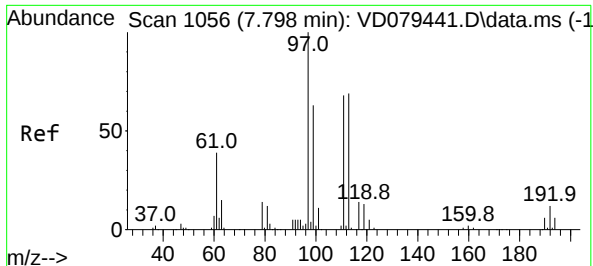
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.828 ug/l

RT: 7.805 min Scan# 1069

Delta R.T. -0.000 min

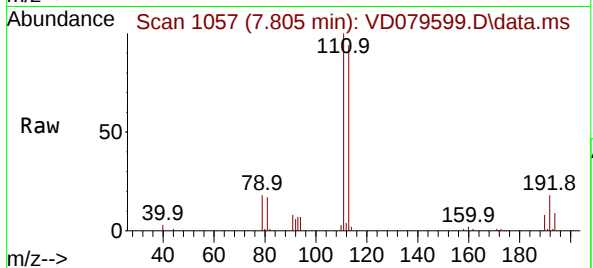
Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

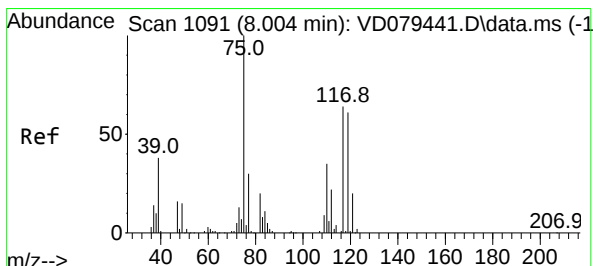
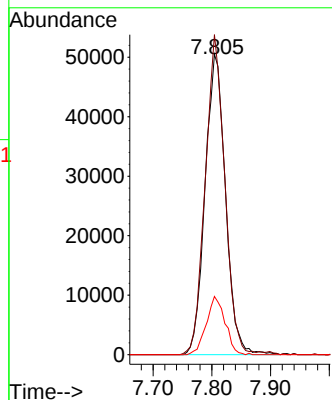
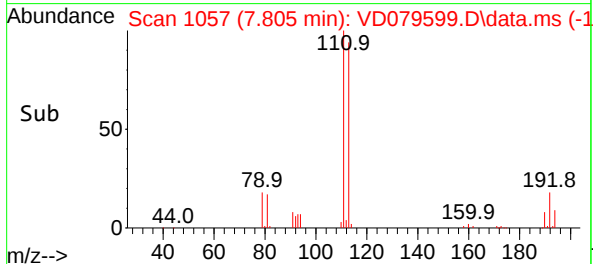
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	121996
Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.0	126.0
192	17.8	15.4	23.0



#36

1,1-Dichloropropene

Concen: 4.761 ug/l

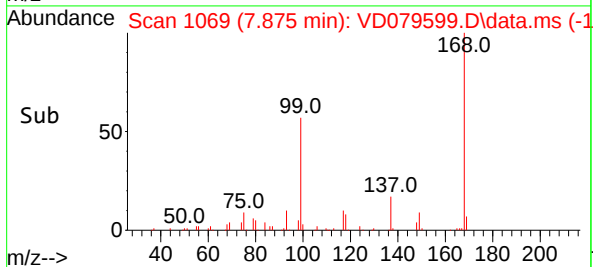
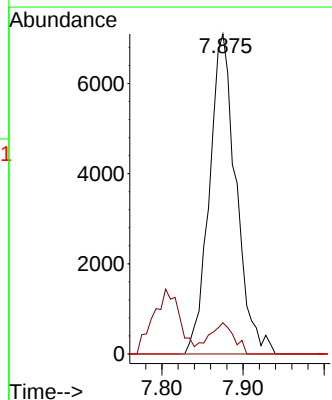
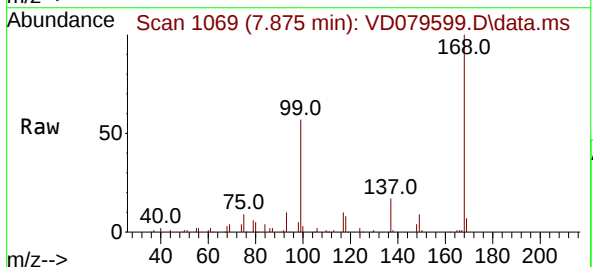
RT: 7.875 min Scan# 1069

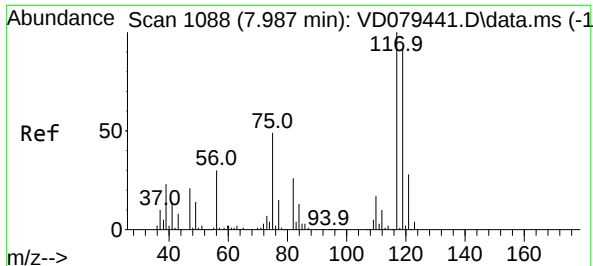
Delta R.T. -0.135 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

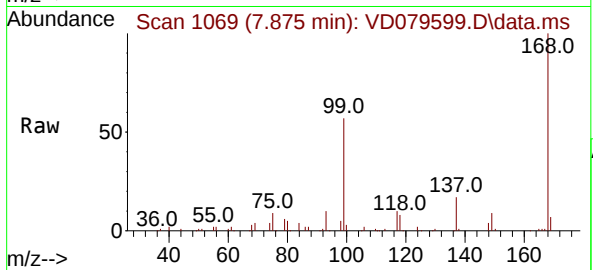
Tgt Ion:	75	Resp:	16235
Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.6	58.7#
77	0.0	26.1	39.1#



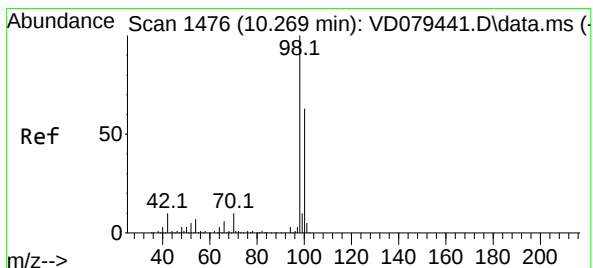
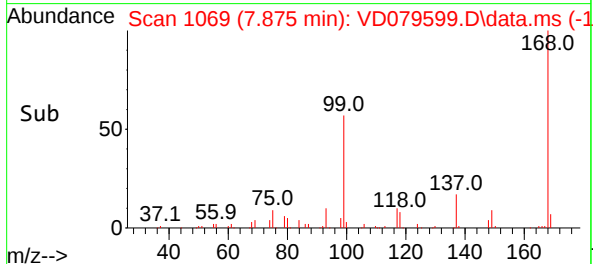
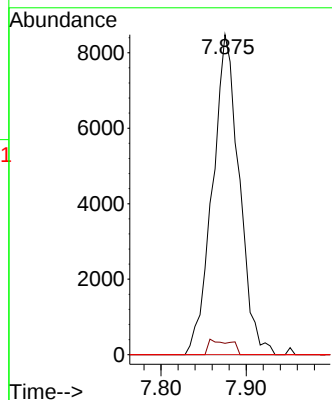


#38
Carbon Tetrachloride
Concen: 5.168 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

Instrument :
MSVOA_D
ClientSampleId :

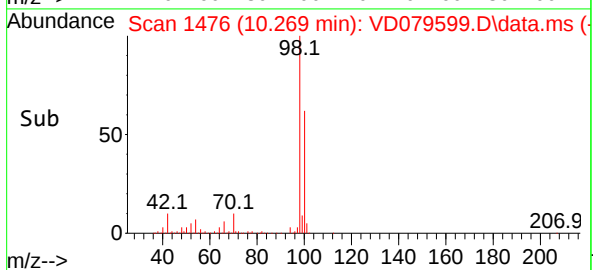
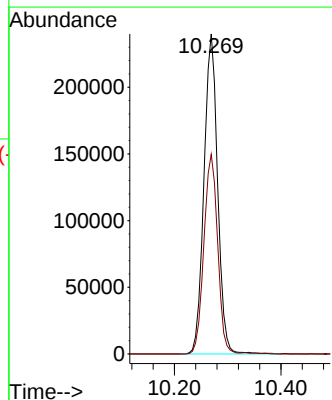
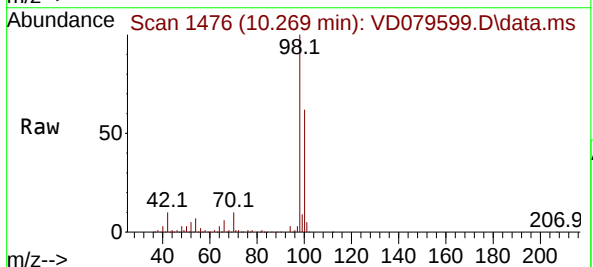


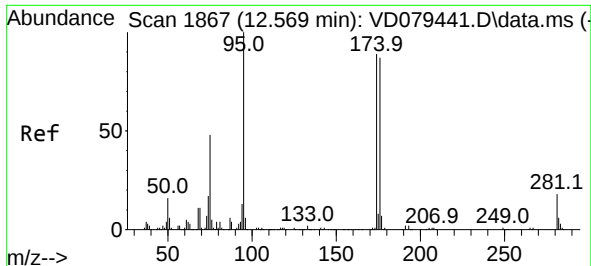
Tgt Ion:117 Resp: 18526
Ion Ratio Lower Upper
117 100
119 3.5 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 44.001 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

Tgt Ion: 98 Resp: 426921
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4

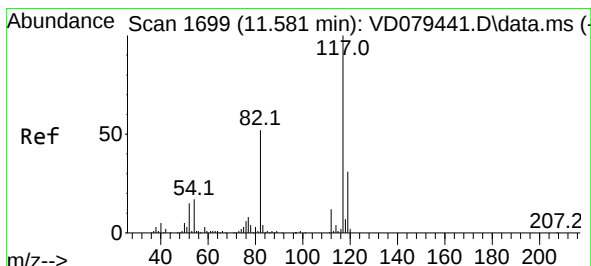
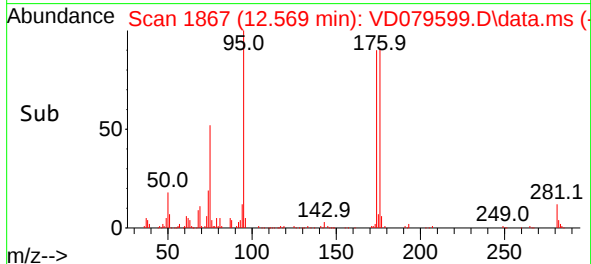
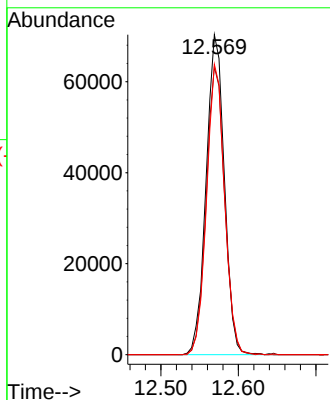
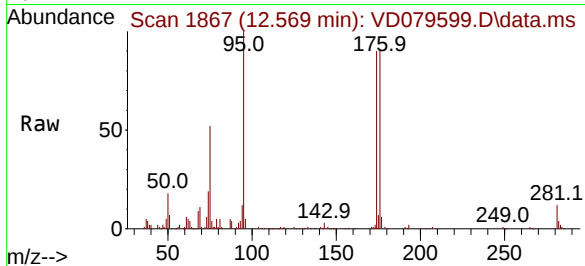




#62
4-Bromofluorobenzene
Concen: 40.957 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

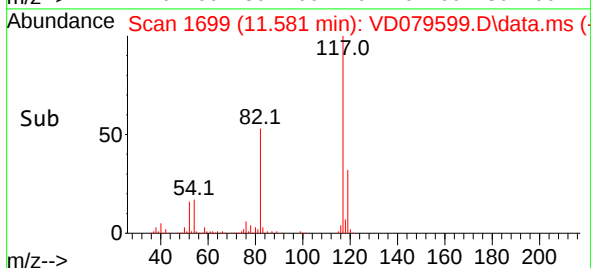
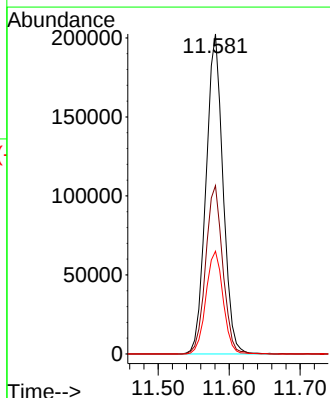
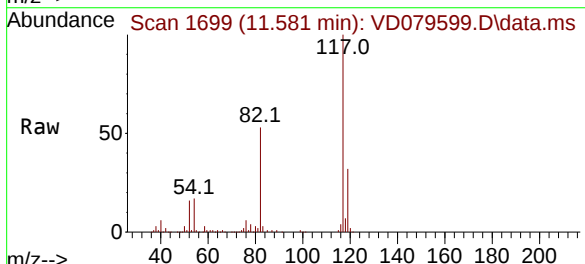
Instrument :
MSVOA_D
ClientSampleId :

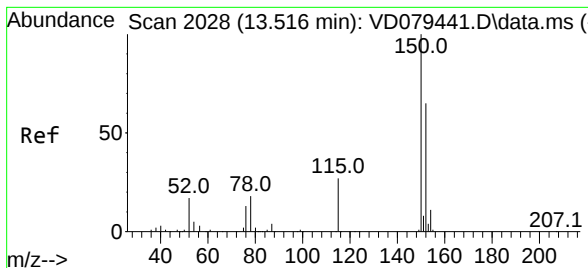
Tgt Ion: 95 Resp: 114996
Ion Ratio Lower Upper
95 100
174 90.5 0.0 195.4
176 89.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

Tgt Ion: 117 Resp: 336474
Ion Ratio Lower Upper
117 100
82 52.6 39.8 59.6
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

Instrument :

MSVOA_D

ClientSampleId :

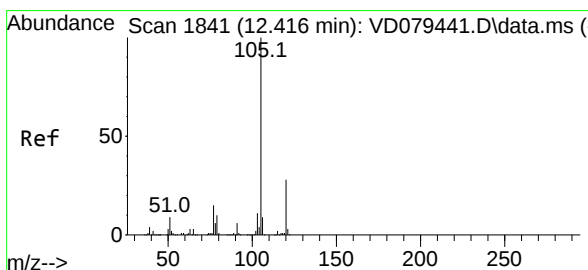
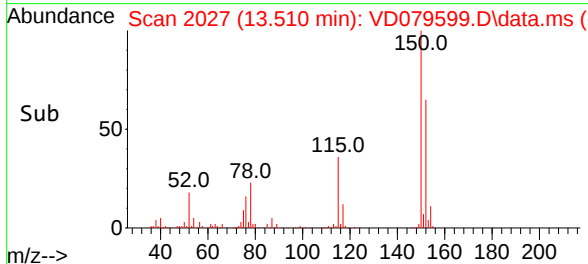
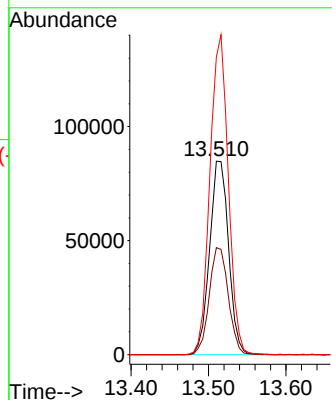
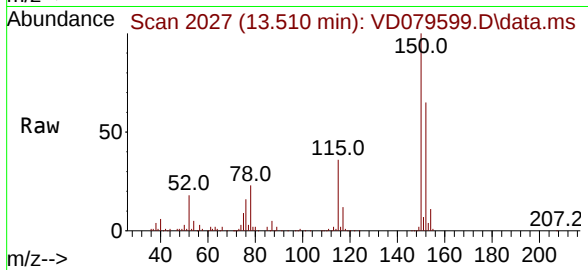
Tgt Ion:152 Resp: 144392

Ion Ratio Lower Upper

152 100

115 55.7 26.5 79.5

150 159.6 0.0 341.6



#73

Isopropylbenzene

Concen: 3.649 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.153 min

Lab File: VD079599.D

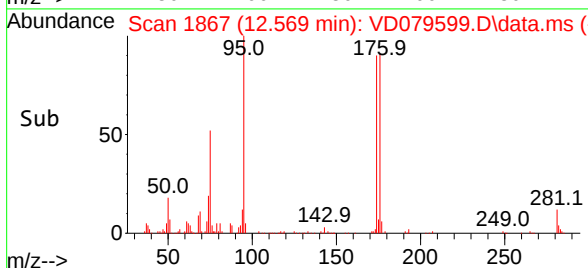
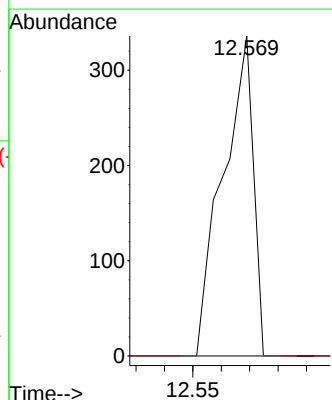
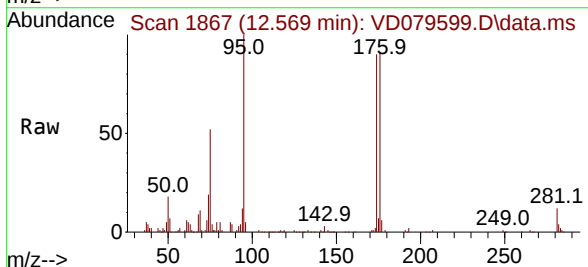
Acq: 06 Aug 2024 01:29

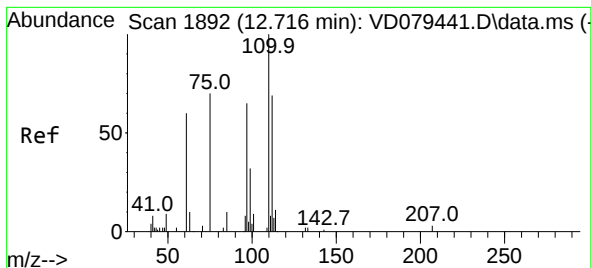
Tgt Ion:105 Resp: 249

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#





#76

1,2,3-Trichloropropane

Concen: 46.357 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

Instrument :

MSVOA_D

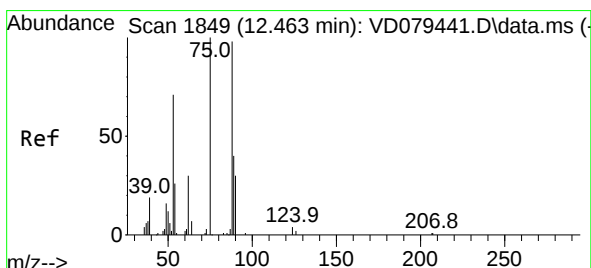
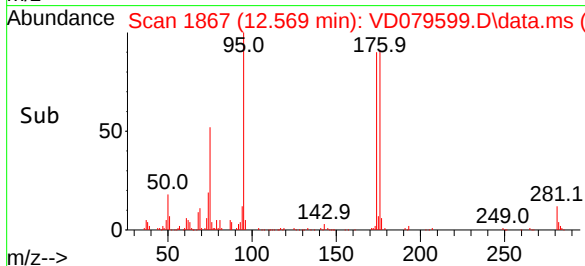
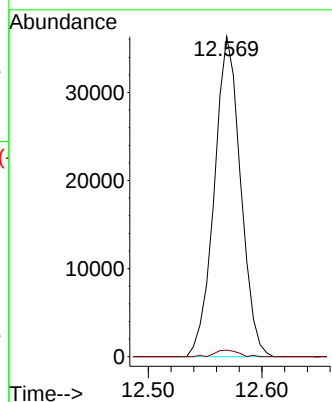
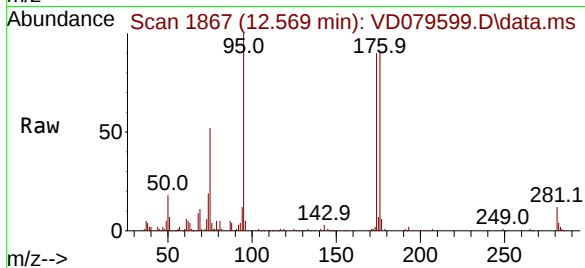
ClientSampleId :

Tgt Ion: 75 Resp: 58508

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.415 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

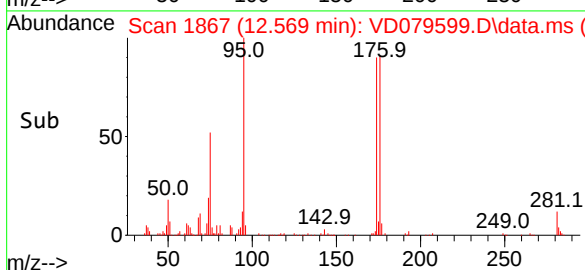
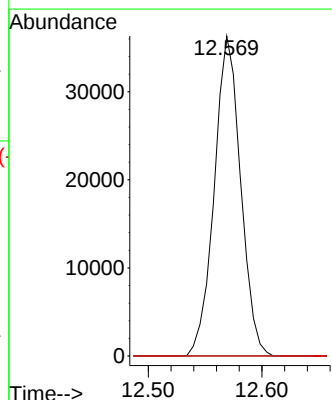
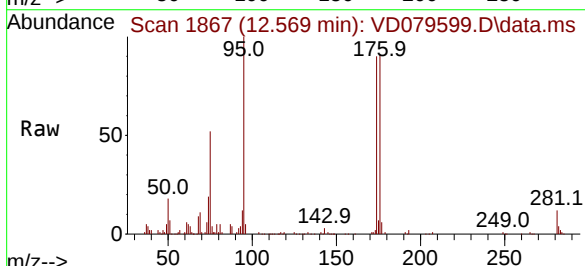
Tgt Ion: 75 Resp: 58508

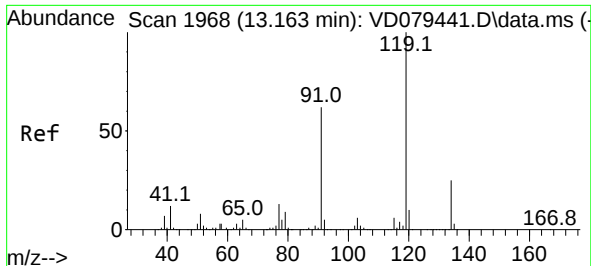
Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#





#83

tert-Butylbenzene

Concen: 3.637 ug/l

RT: 13.204 min Scan# 1975

Delta R.T. 0.041 min

Lab File: VD079599.D

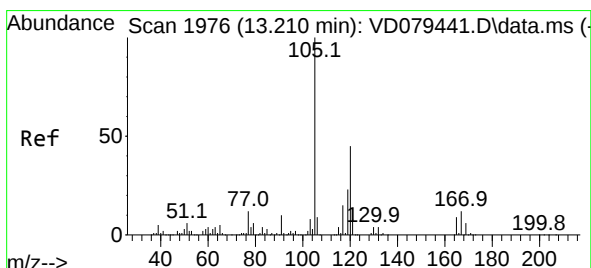
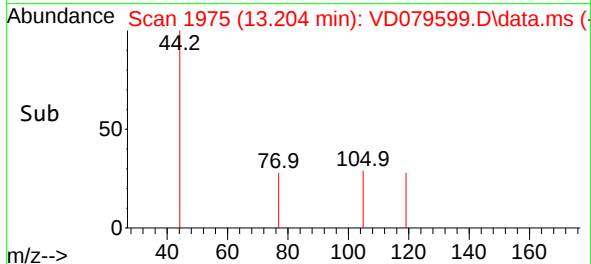
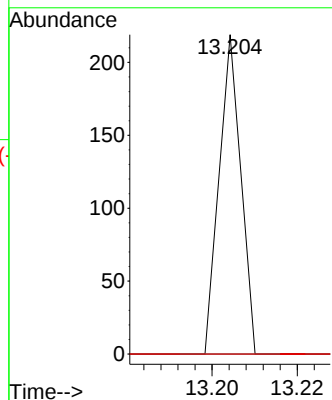
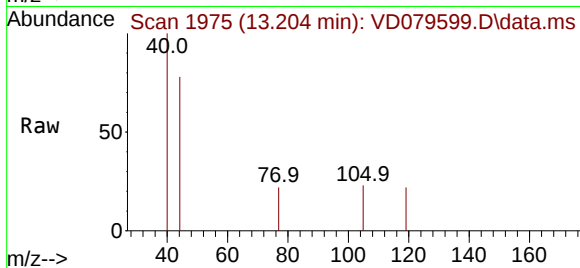
Acq: 06 Aug 2024 01:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:119	Resp:	77
Ion Ratio	Lower	Upper
119	100	
91	0.0	28.2 84.7#
134	0.0	13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 3.605 ug/l

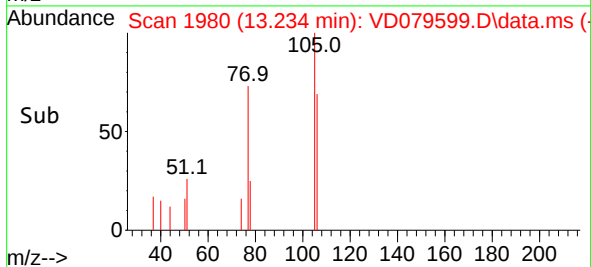
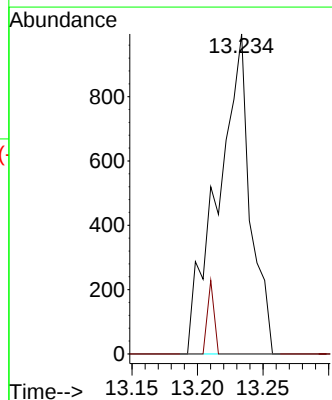
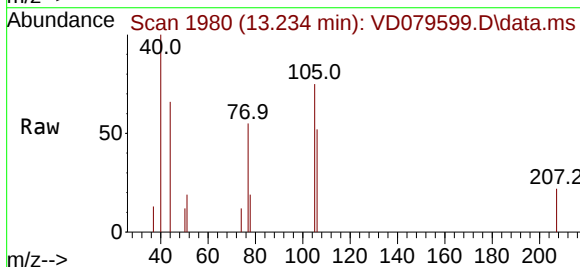
RT: 13.234 min Scan# 1980

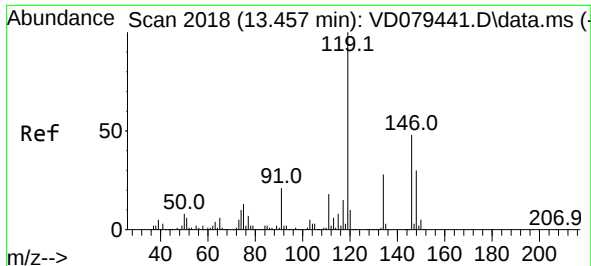
Delta R.T. 0.030 min

Lab File: VD079599.D

Acq: 06 Aug 2024 01:29

Tgt Ion:105	Resp:	1712
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.6 71.0#

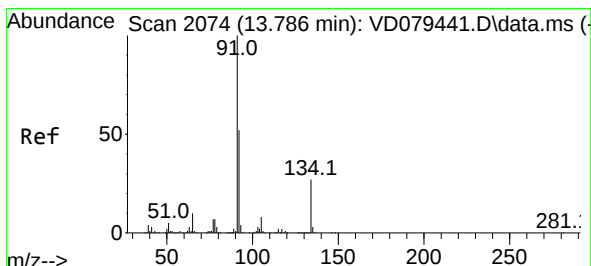
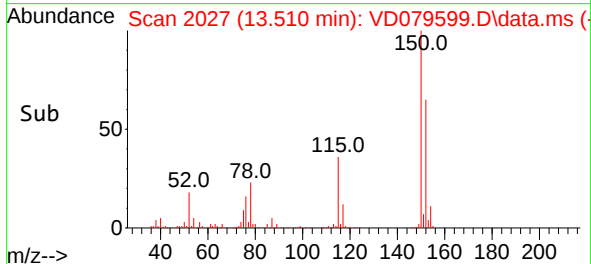
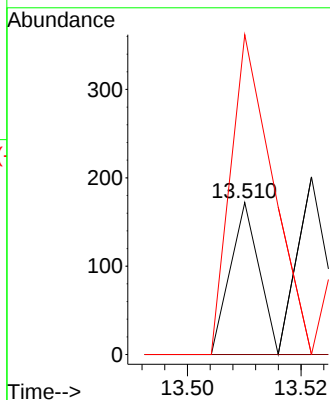
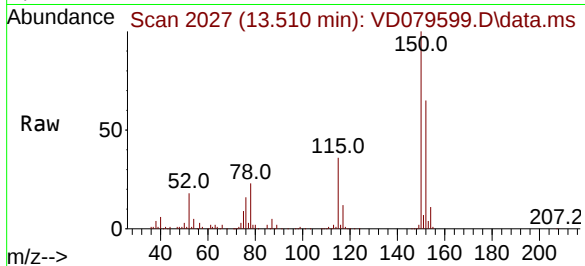




#86
p-Isopropyltoluene
Concen: 3.892 ug/l
RT: 13.510 min Scan# 2018
Delta R.T. 0.053 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 61
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 306.6 10.7 32.1#



#89
n-Butylbenzene
Concen: 3.809 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079599.D
Acq: 06 Aug 2024 01:29

Tgt Ion: 91 Resp: 275
Ion Ratio Lower Upper
91 100
92 20.4 25.7 77.0#
134 0.0 13.6 40.8#

