

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071866.D
 Acq On : 01 Feb 2022 12:23
 Operator : VA/SY
 Sample : N1340-02
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(1-1.5)

Quant Time: Feb 02 07:05:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

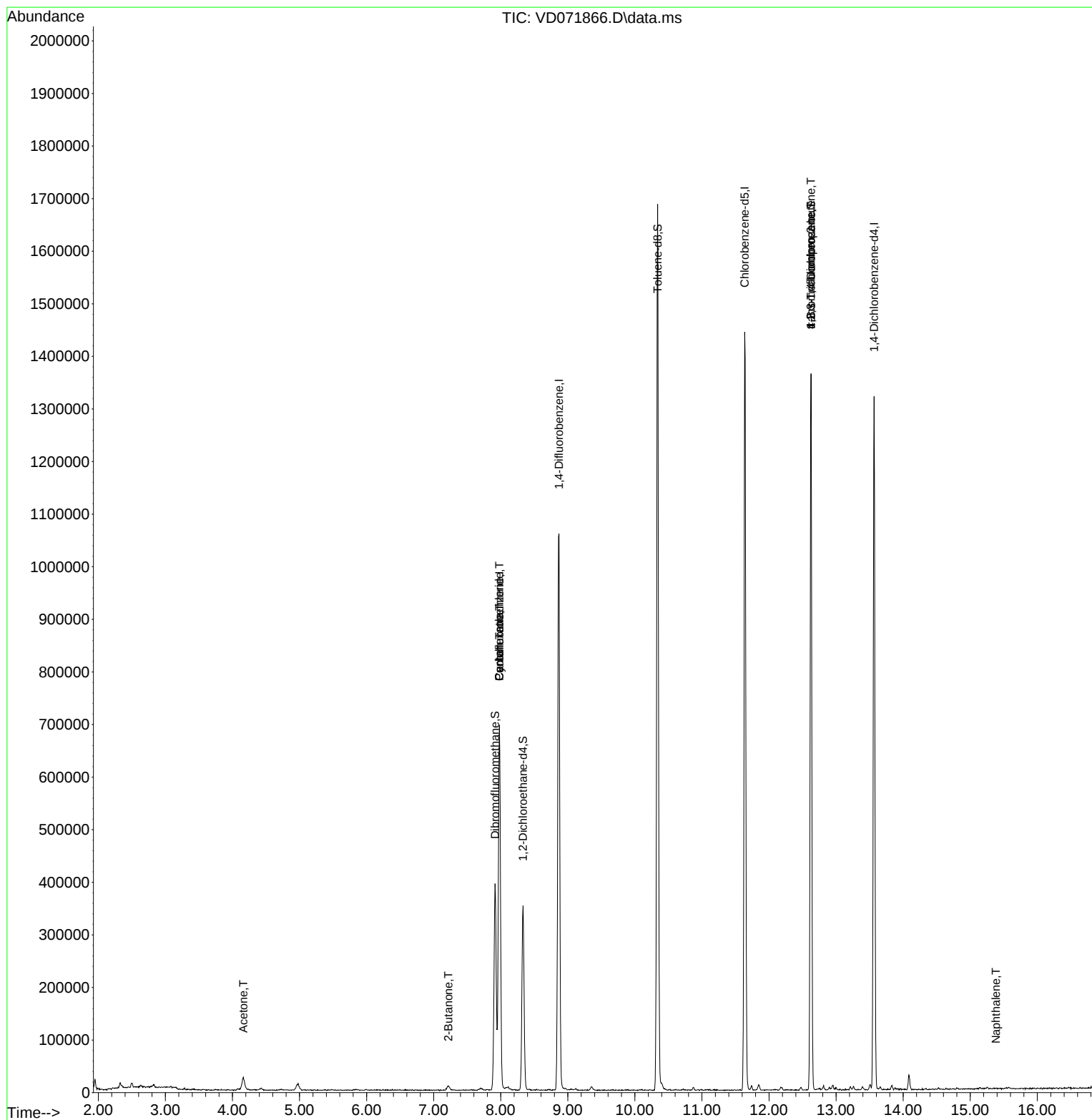
Internal Standards						
1) Pentafluorobenzene	7.979	168	476955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	868586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	786410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	331398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	281409	46.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.914	113	275918	48.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.338	98	1100426	51.608	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.626	95	345841	46.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	55	Below Cal	#	74
16) Acetone	4.162	43	43655	26.454	ug/l	97
20) Methylene Chloride	4.962	84	7955	Below Cal		89
25) 2-Butanone	7.220	43	11871	6.171	ug/l #	76
31) Cyclohexane	7.979	56	14677	1.275	ug/l #	20
38) Carbon Tetrachloride	7.979	117	51452	5.309	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	198293	56.776	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	198293	139.600	ug/l #	7
95) Naphthalene	15.385	128	1292	1.563	ug/l #	70

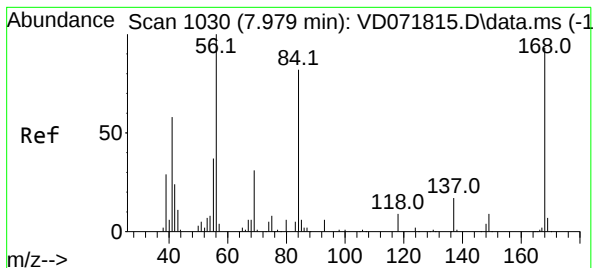
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-2(1-1.5)

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

Instrument :

MSVOA_D

ClientSampleId :

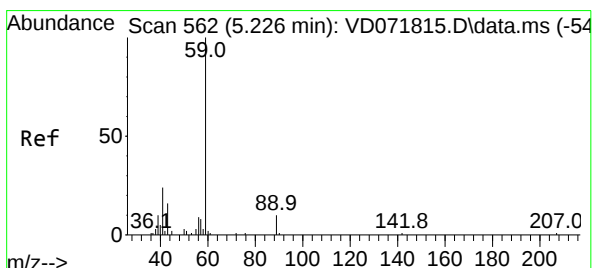
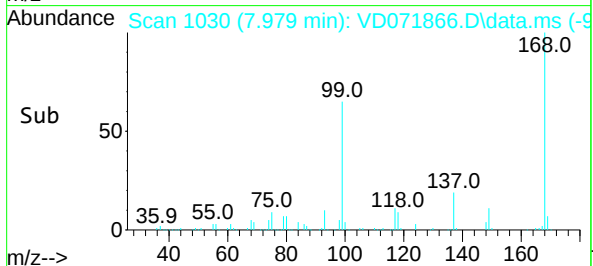
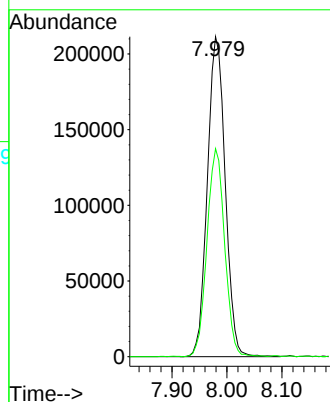
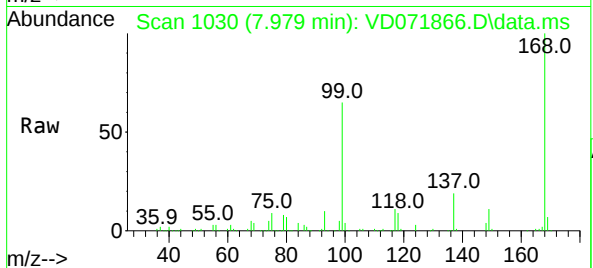
SB-2(1-1.5)

Tgt Ion:168 Resp: 476955

Ion Ratio Lower Upper

168 100

99 64.9 49.8 74.6



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.179 min Scan# 554

Delta R.T. -0.041 min

Lab File: VD071866.D

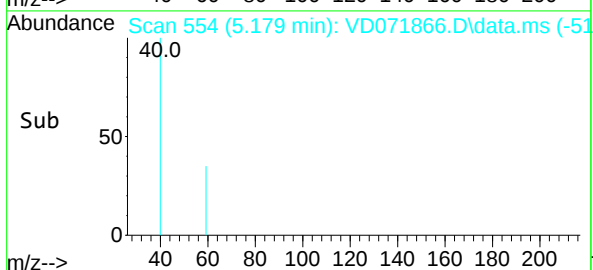
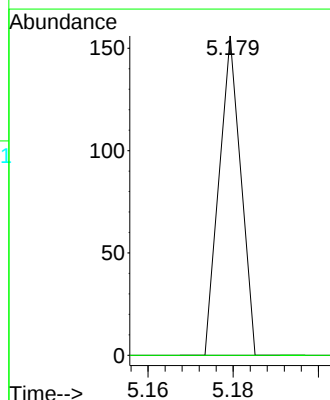
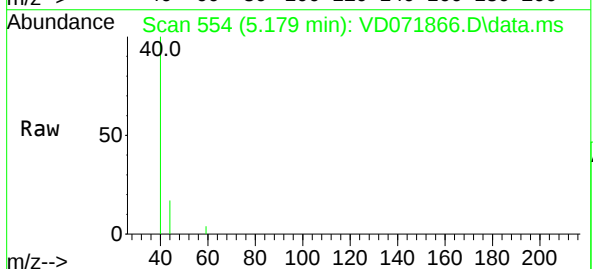
Acq: 01 Feb 2022 12:23

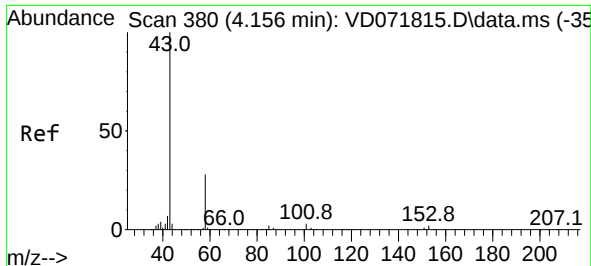
Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

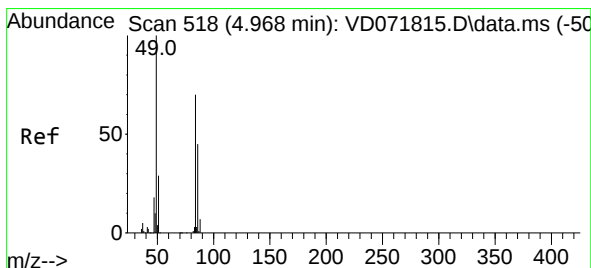
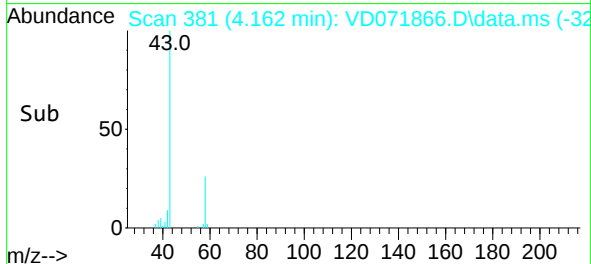
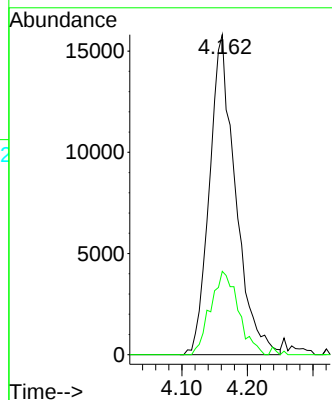
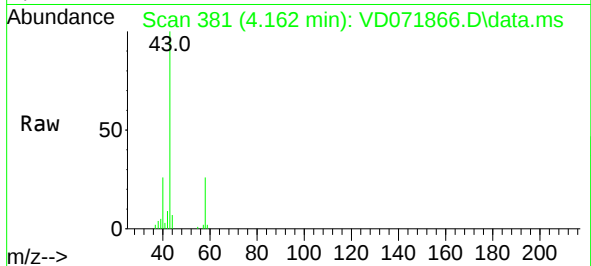




#16
Acetone
Concen: 26.454 ug/l
RT: 4.162 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

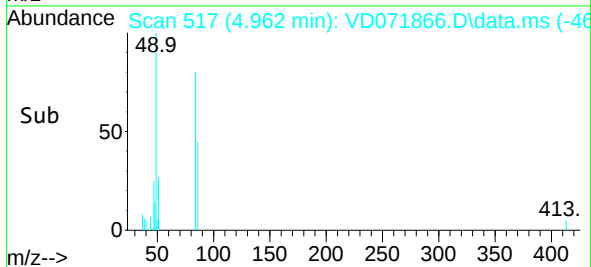
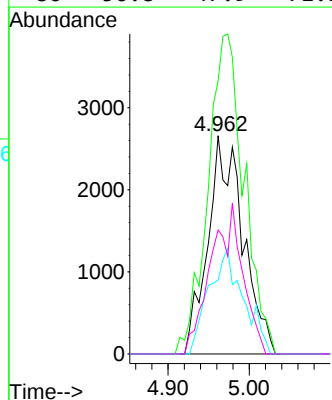
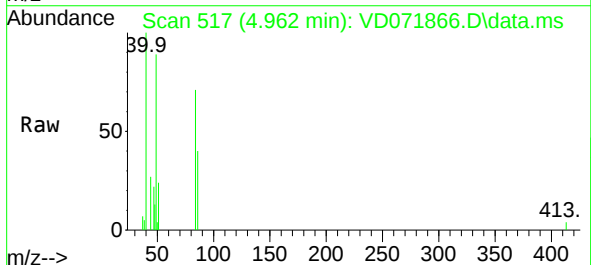
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

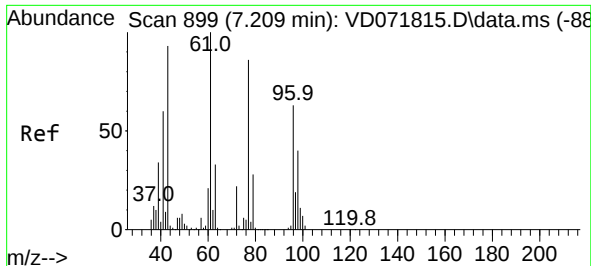
Tgt Ion: 43 Resp: 43655
Ion Ratio Lower Upper
43 100
58 26.1 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion: 84 Resp: 7955
Ion Ratio Lower Upper
84 100
49 125.1 112.8 169.2
51 33.8 32.6 48.8
86 56.8 47.9 71.9

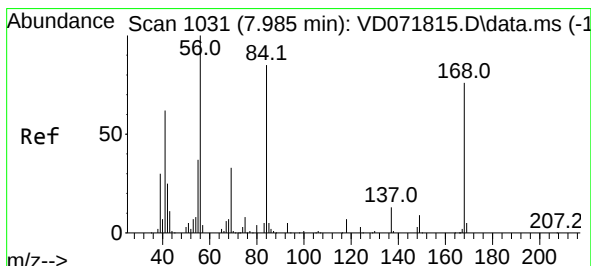
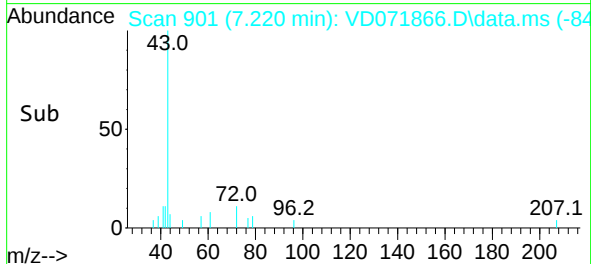
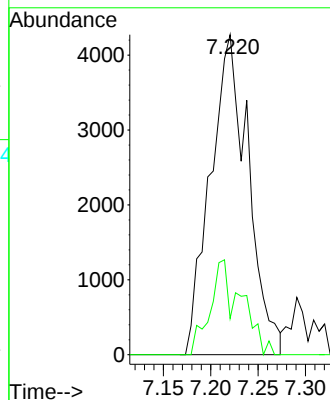
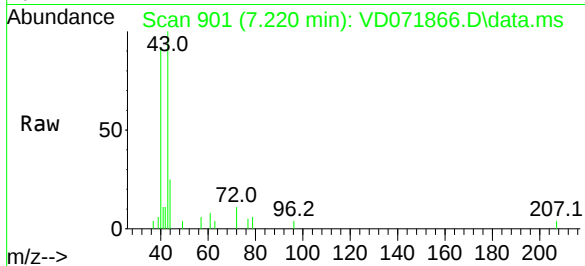




#25
2-Butanone
Concen: 6.171 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

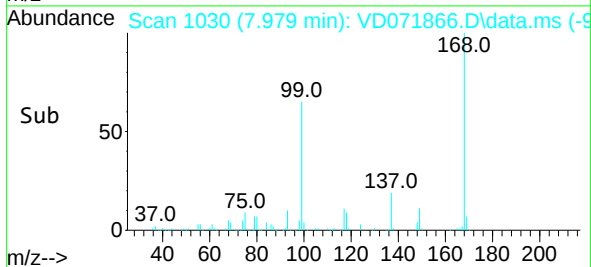
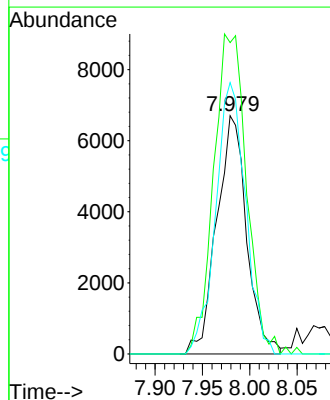
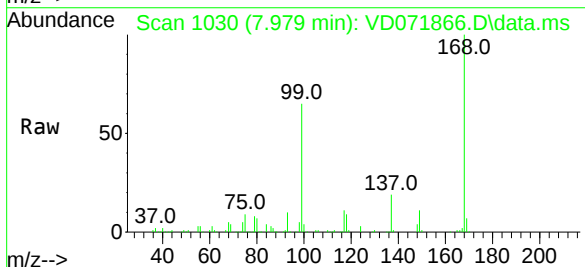
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

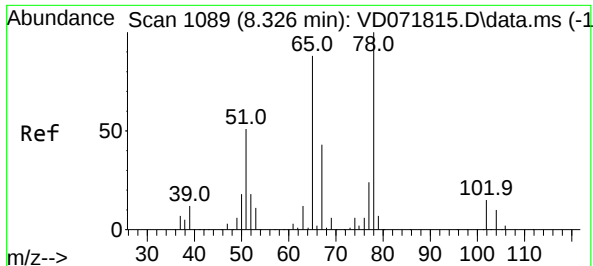
Tgt Ion: 43 Resp: 11871
Ion Ratio Lower Upper
43 100
72 11.3 18.6 27.8#



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion: 56 Resp: 14677
Ion Ratio Lower Upper
56 100
69 130.7 25.4 38.2#
84 113.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.680 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

Instrument :

MSVOA_D

ClientSampleId :

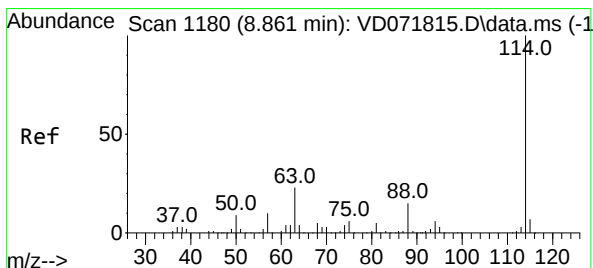
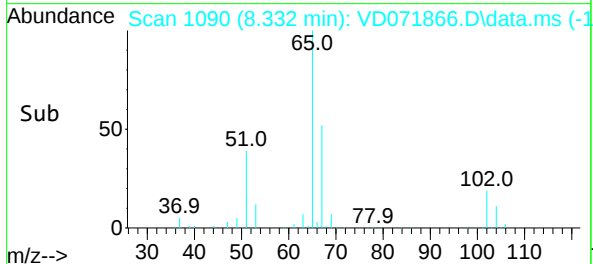
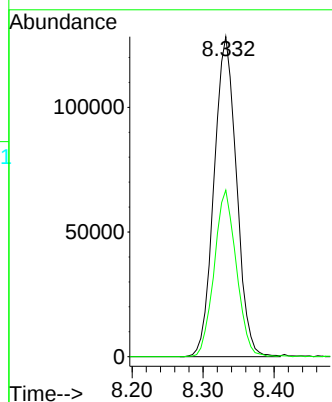
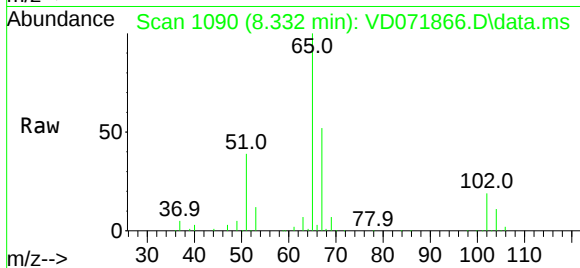
SB-2(1-1.5)

Tgt Ion: 65 Resp: 281409

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

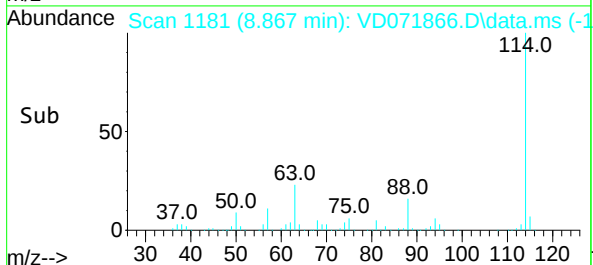
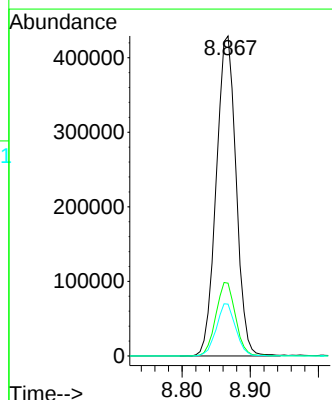
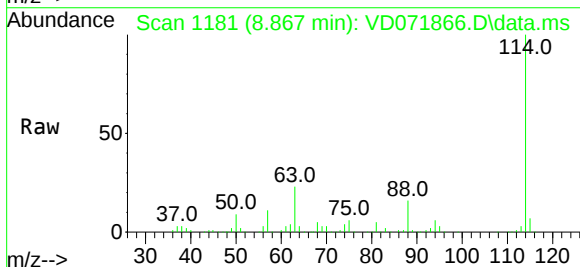
Tgt Ion: 114 Resp: 868586

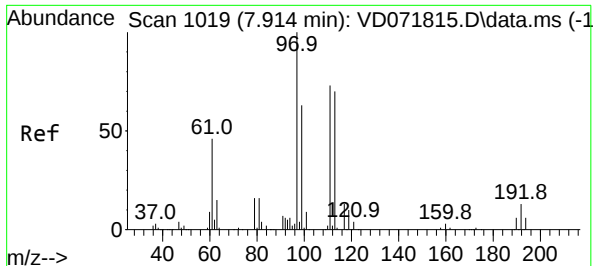
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

Instrument :

MSVOA_D

ClientSampleId :

SB-2(1-1.5)

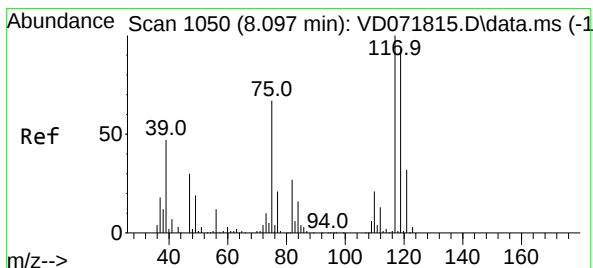
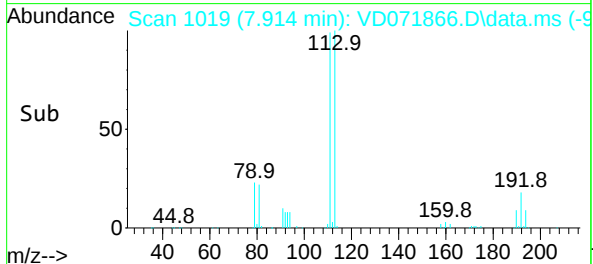
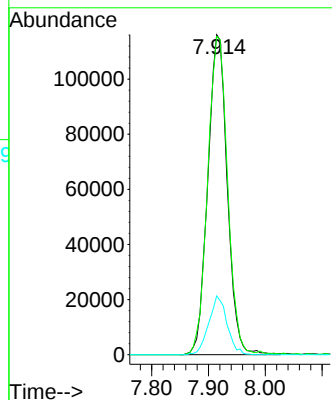
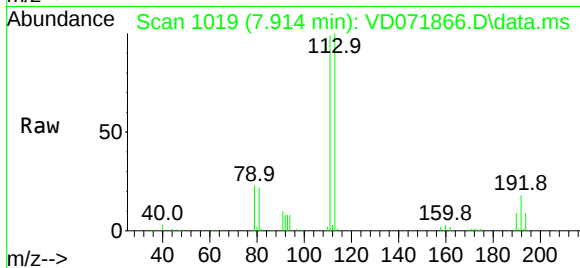
Tgt Ion:113 Resp: 275918

Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.2 14.6 21.8



#38

Carbon Tetrachloride

Concen: 5.309 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071866.D

Acq: 01 Feb 2022 12:23

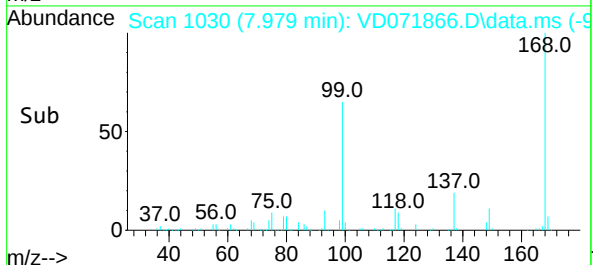
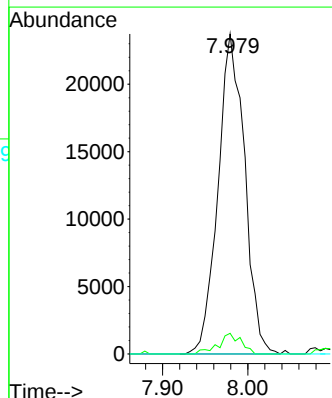
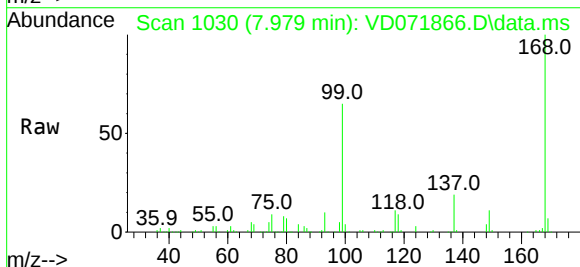
Tgt Ion:117 Resp: 51452

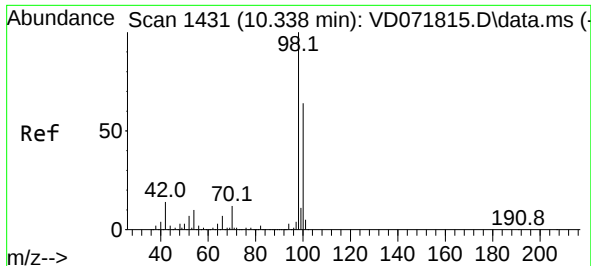
Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.6#

121 0.0 24.5 36.7#

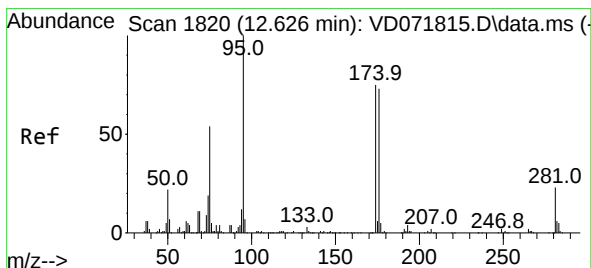
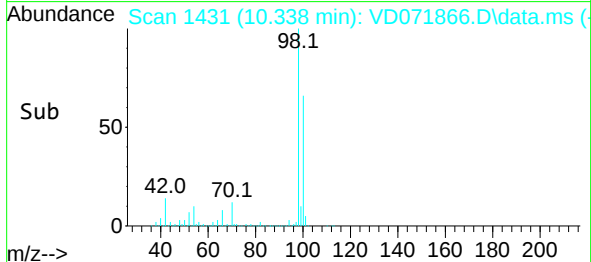
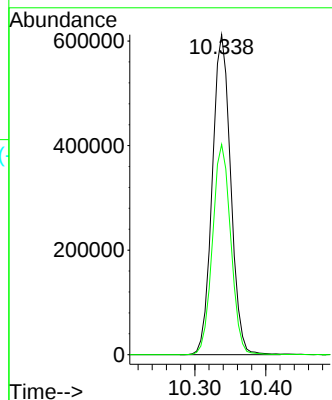
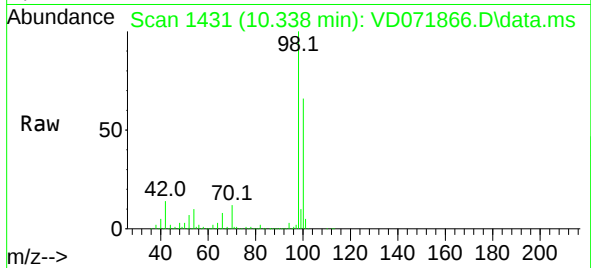




#50
Toluene-d8
Concen: 51.608 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

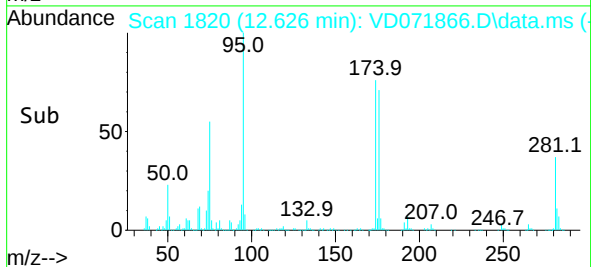
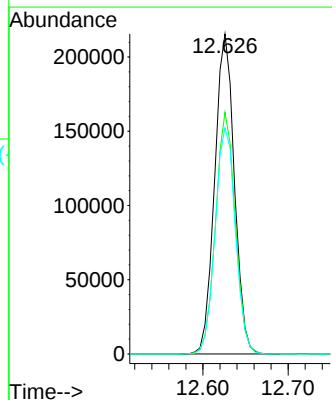
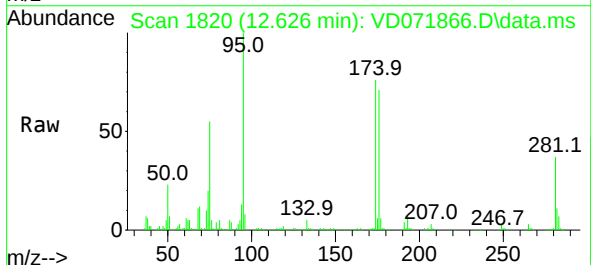
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SB-2(1-1.5)

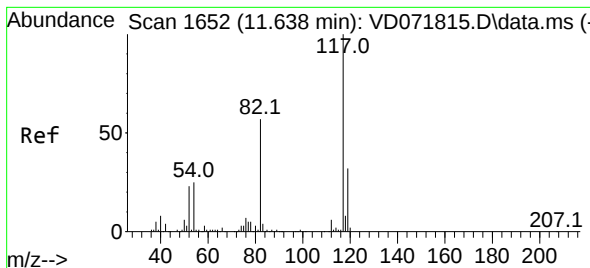
Tgt Ion: 98 Resp: 1100426
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion: 95 Resp: 345841
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.7 0.0 145.4

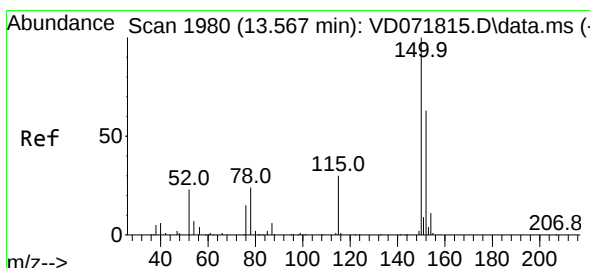
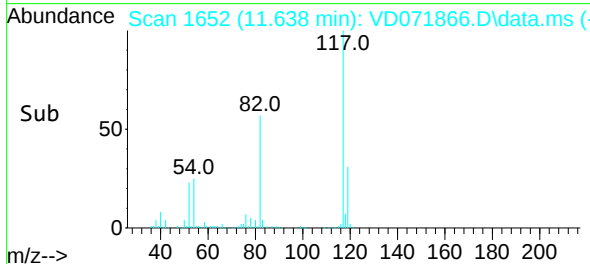
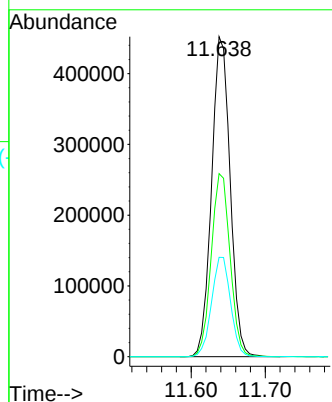
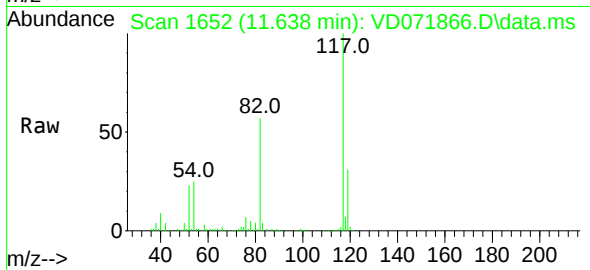




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

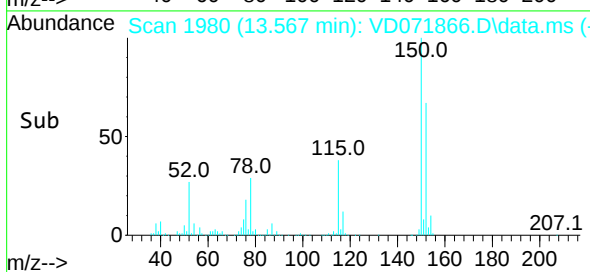
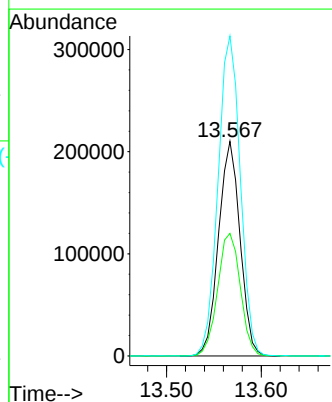
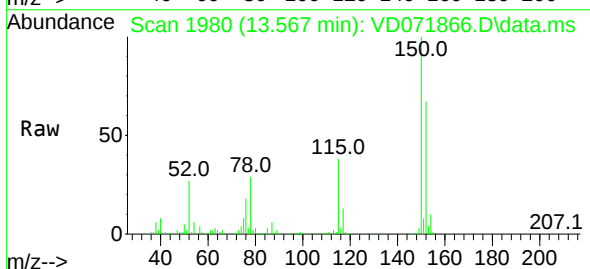
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

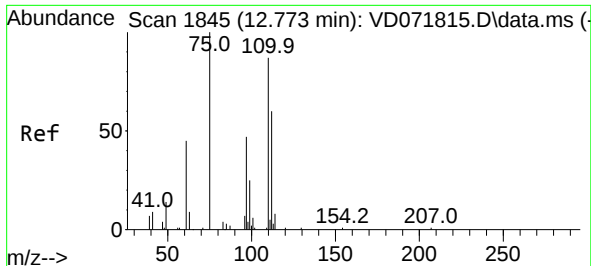
Tgt Ion:117 Resp: 786410
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Tgt Ion:152 Resp: 331398
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 154.3 0.0 348.6

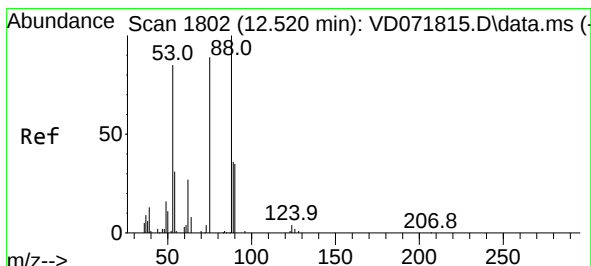
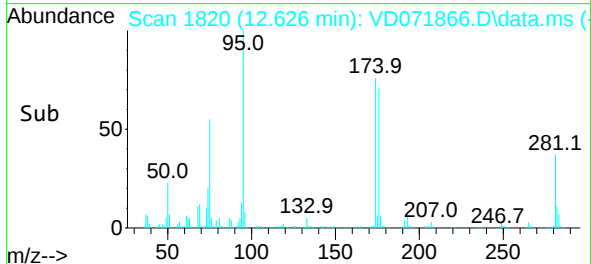
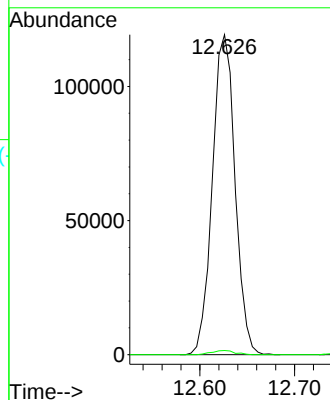
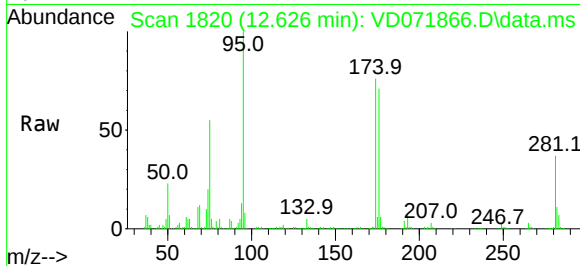




#76
1,2,3-Trichloropropane
Concen: 56.776 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

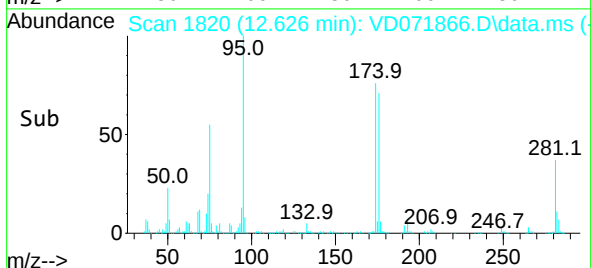
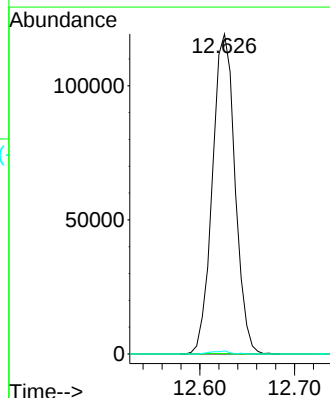
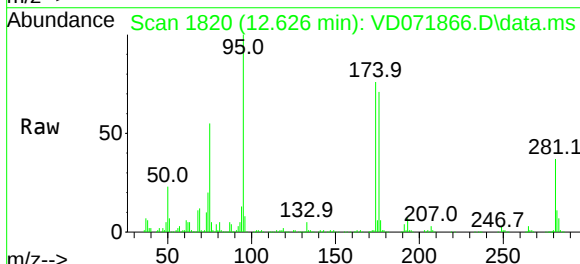
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

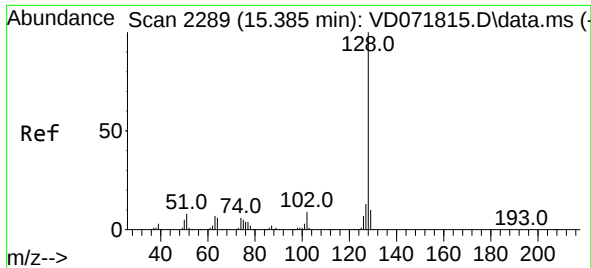
Tgt Ion: 75 Resp: 198293
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.600 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

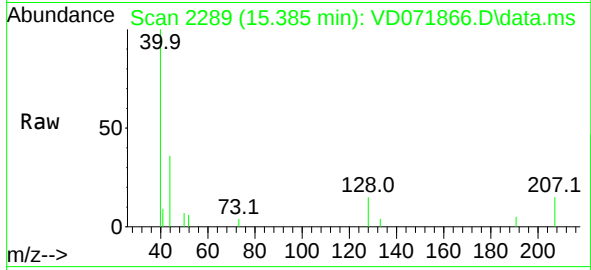
Tgt Ion: 75 Resp: 198293
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.8 33.9 50.9#





#95
Naphthalene
Concen: 1.563 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071866.D
Acq: 01 Feb 2022 12:23

Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)



Tgt Ion:128 Resp: 1292
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

