

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071932.D
 Acq On : 11 Feb 2022 12:06
 Operator : VA/SY
 Sample : N1495-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 23:56:31 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)

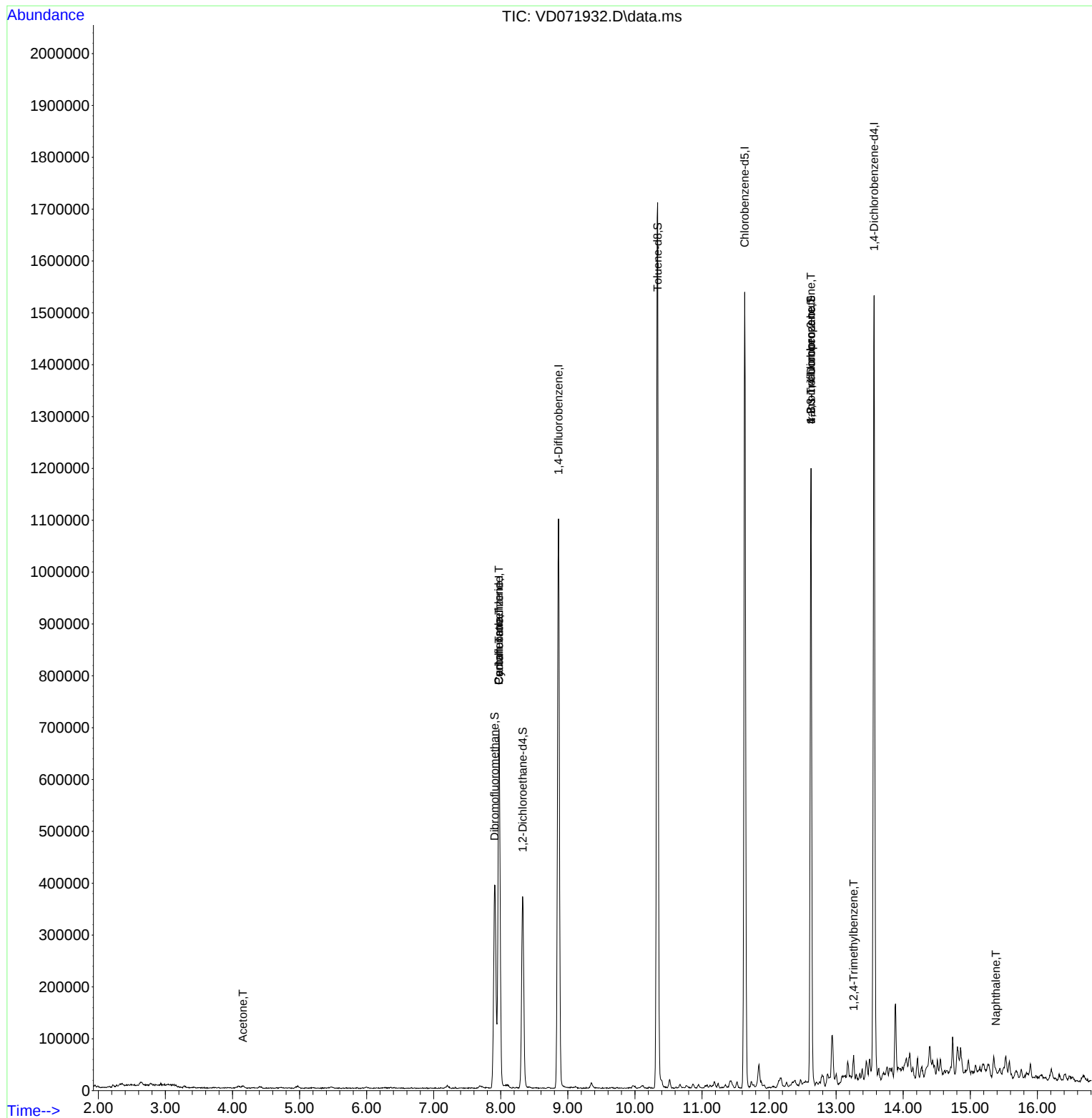
Internal Standards						
1) Pentafluorobenzene	7.973	168	467823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	885688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	819976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	299771	50.697	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.400%
35) Dibromofluoromethane	7.908	113	284093	48.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.338	98	1115348	51.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.626	95	370064	48.738	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.480%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.214	59	843	Below Cal	#	93
16) Acetone	4.156	43	6678	4.126	ug/l	91
20) Methylene Chloride	4.973	84	2857	Below Cal	#	91
31) Cyclohexane	7.973	56	15227	1.349	ug/l #	5
38) Carbon Tetrachloride	7.973	117	50776	5.138	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	202075	53.691	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	202075	132.015	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.261	105	25057	1.111	ug/l	97
95) Naphthalene	15.384	128	7973	2.078	ug/l #	94

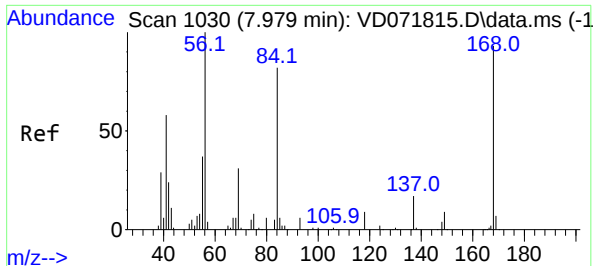
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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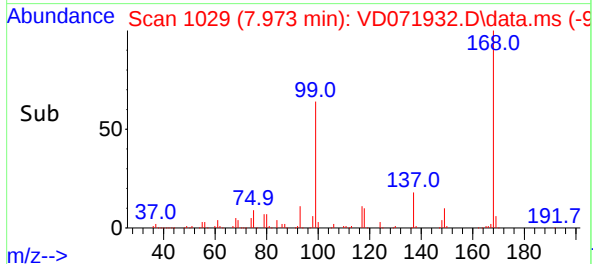
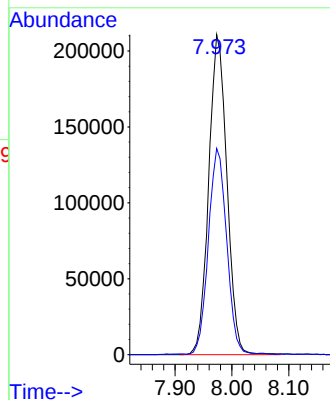
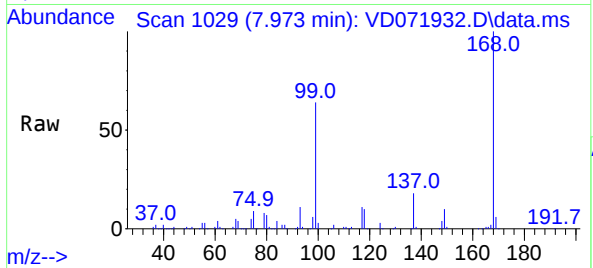




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

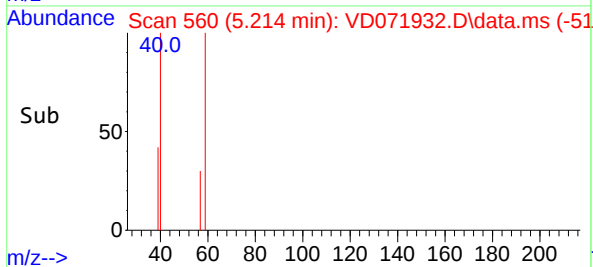
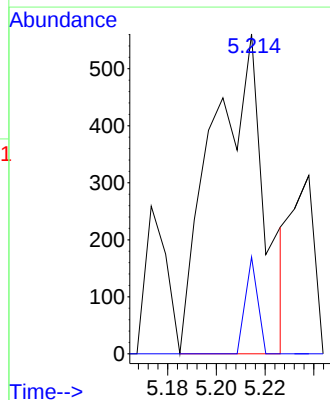
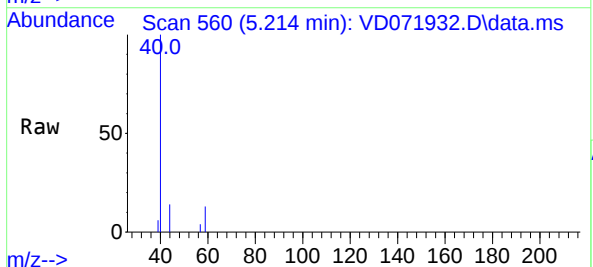
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 467823
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

Tgt Ion: 59 Resp: 843
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.6#

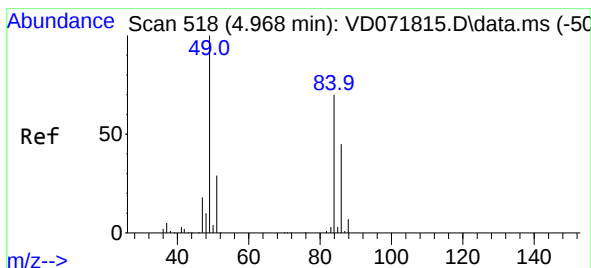
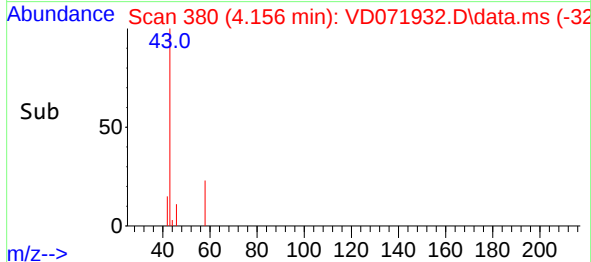
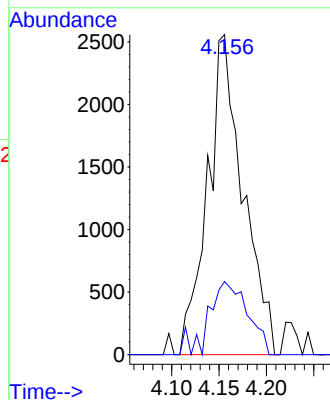
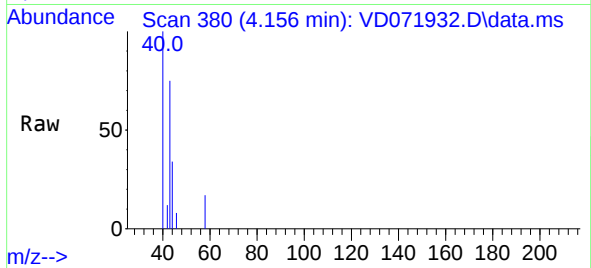




#16
Acetone
Concen: 4.126 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

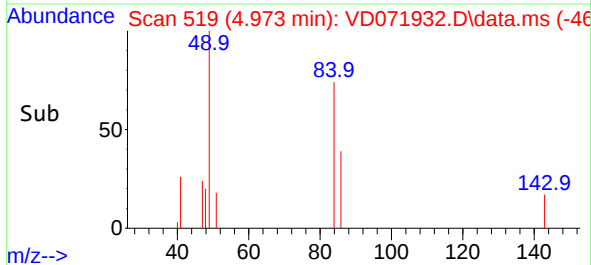
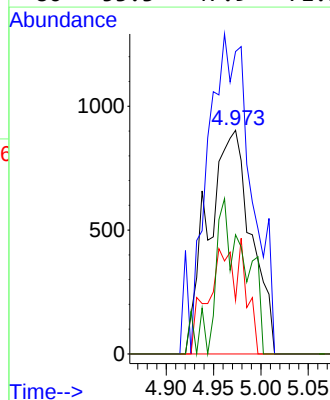
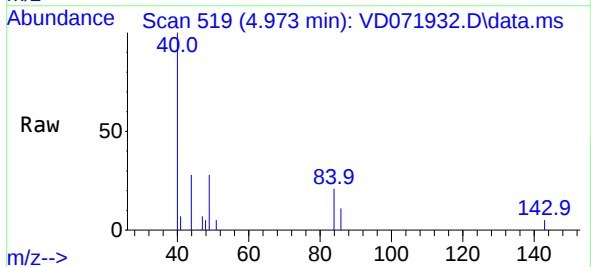
Instrument :
MSVOA_D
ClientSampleId :

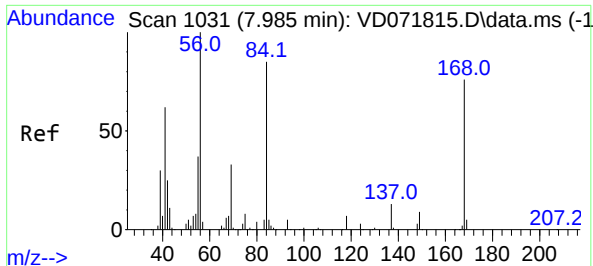
Tgt Ion: 43 Resp: 6678
Ion Ratio Lower Upper
43 100
58 22.8 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

Tgt Ion: 84 Resp: 2857
Ion Ratio Lower Upper
84 100
49 135.2 112.8 169.2
51 23.9 32.6 48.8#
86 53.3 47.9 71.9





#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

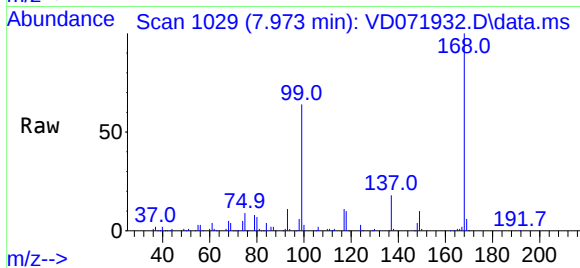
Lab File: VD071932.D

Acq: 11 Feb 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :



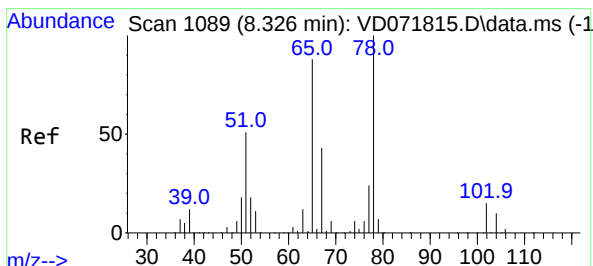
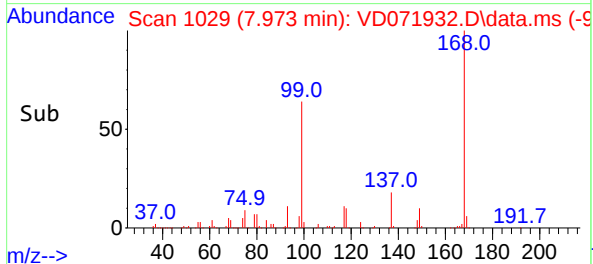
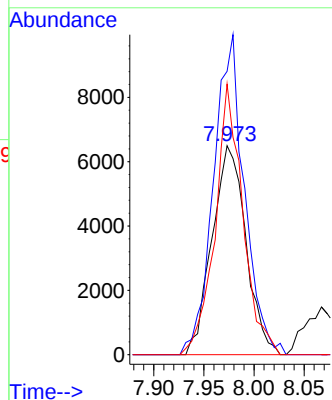
Tgt Ion: 56 Resp: 15227

Ion Ratio Lower Upper

56 100

69 135.6 25.4 38.2#

84 129.5 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.697 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071932.D

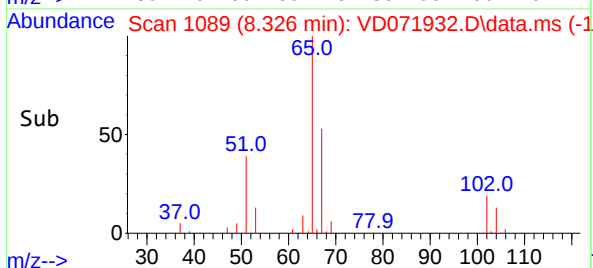
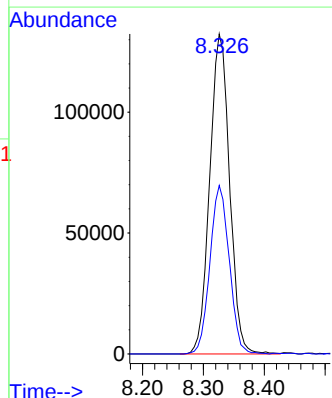
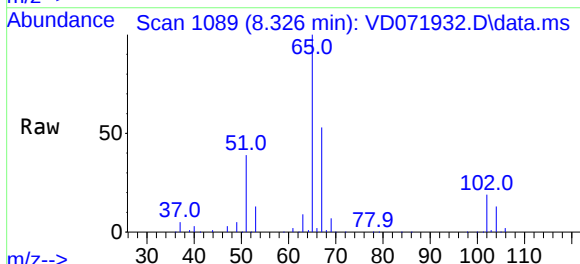
Acq: 11 Feb 2022 12:06

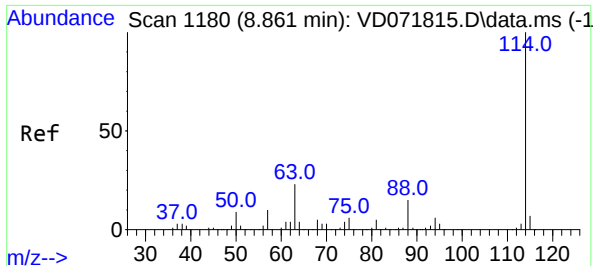
Tgt Ion: 65 Resp: 299771

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4

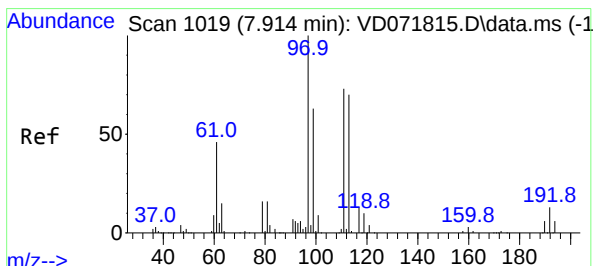
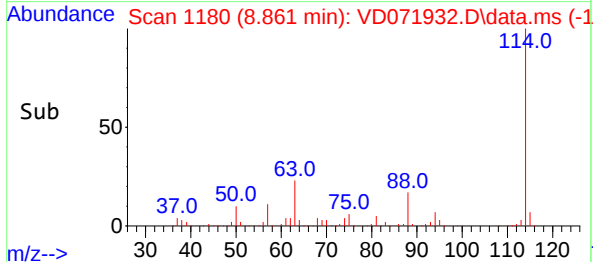
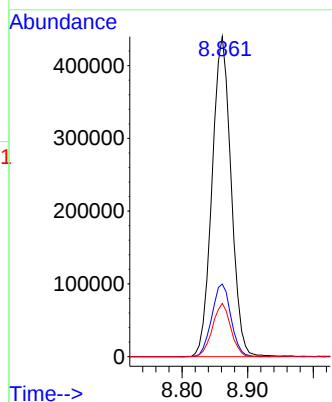
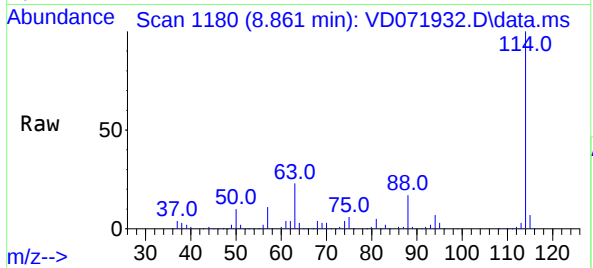




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

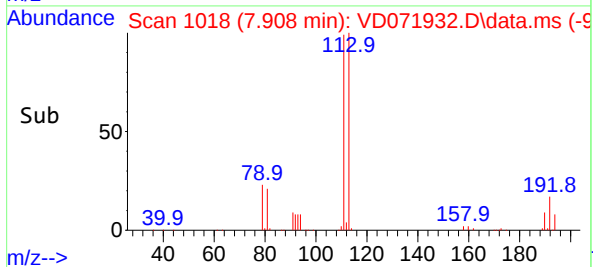
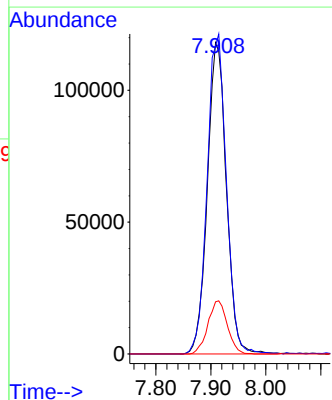
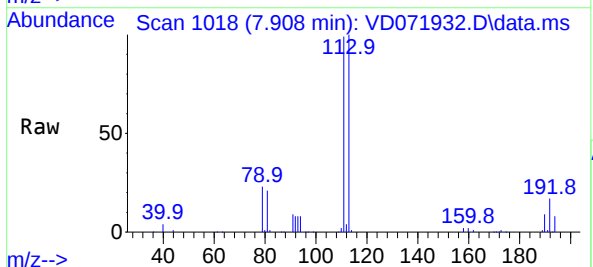
Instrument :
MSVOA_D
ClientSampleId :

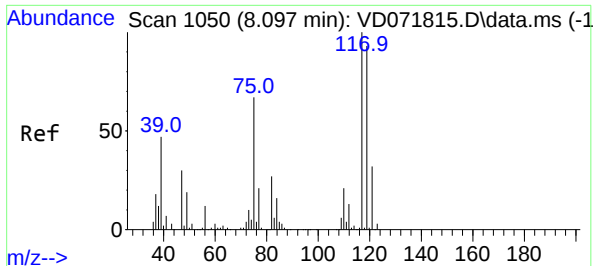
Tgt Ion:114 Resp: 885688
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.797 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

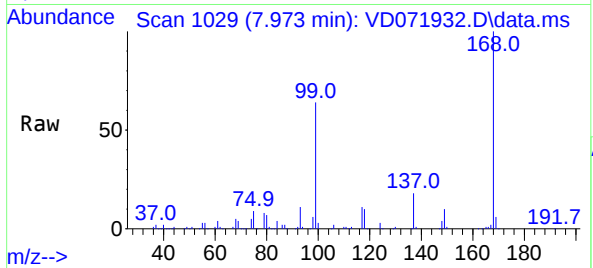
Tgt Ion:113 Resp: 284093
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 17.4 14.6 21.8



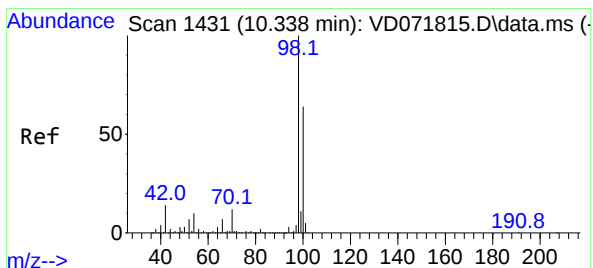
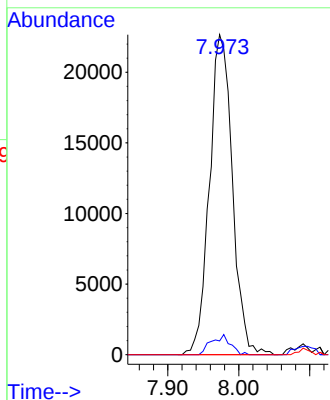
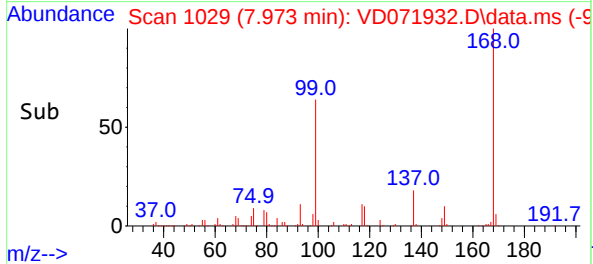


#38
Carbon Tetrachloride
Concen: 5.138 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

Instrument :
MSVOA_D
ClientSampleId :

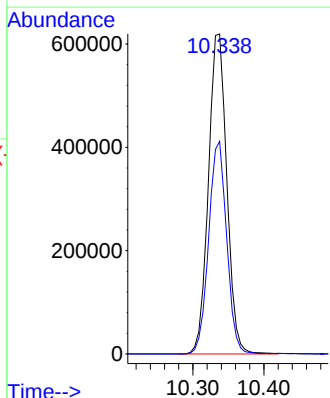
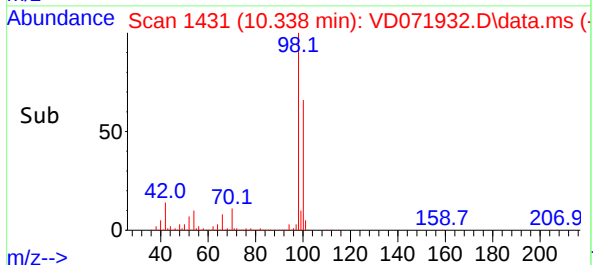
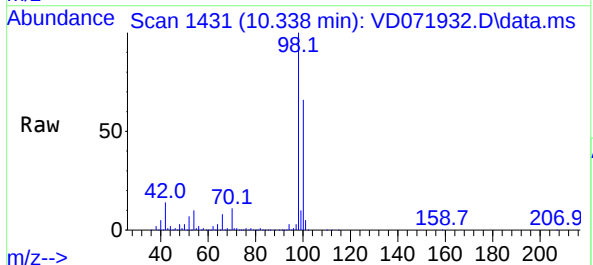


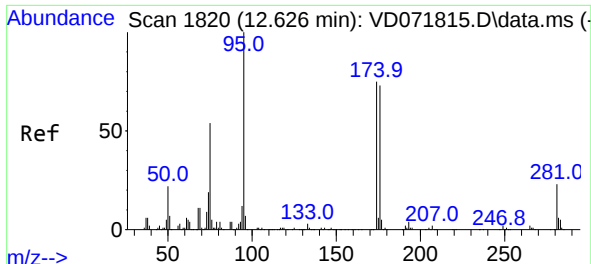
Tgt Ion:117 Resp: 50776
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.297 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

Tgt Ion: 98 Resp: 1115348
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

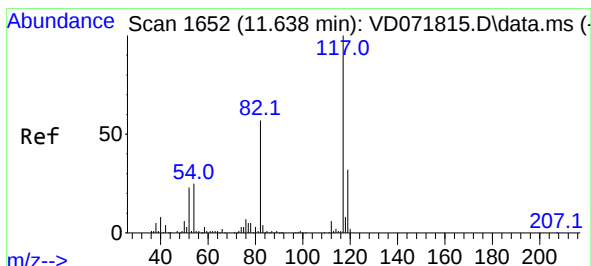
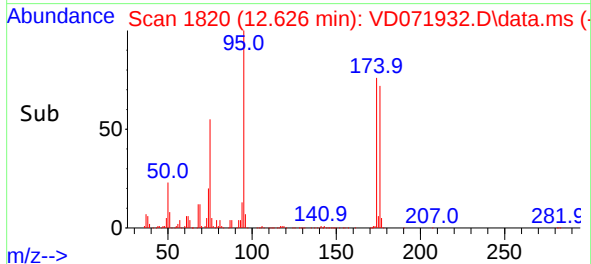
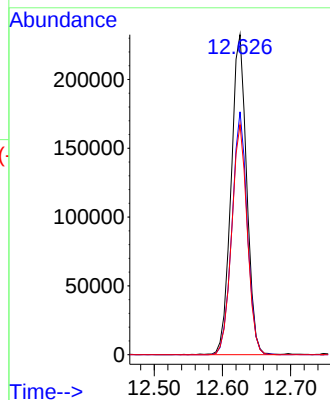
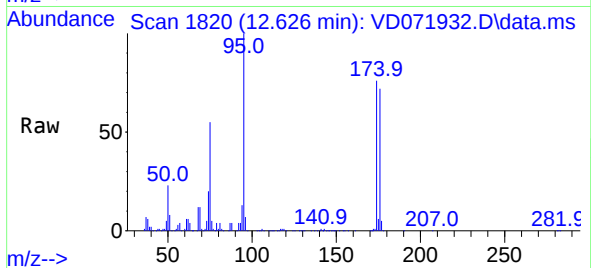




#62
4-Bromofluorobenzene
Concen: 48.738 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

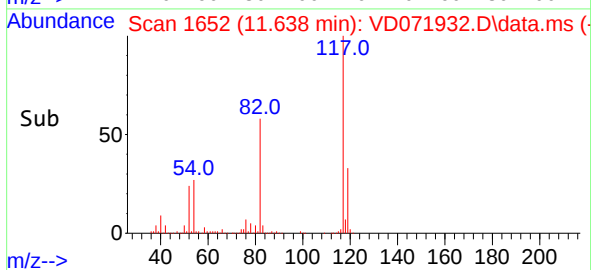
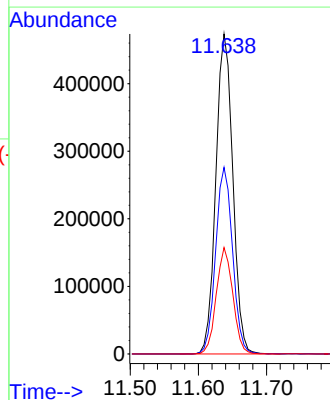
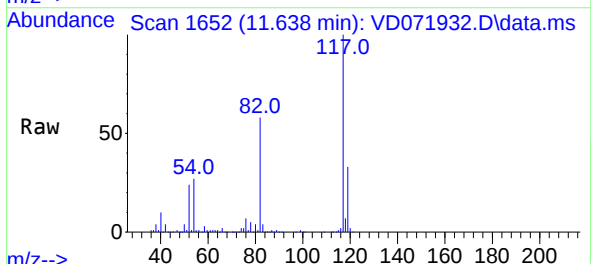
Instrument :
MSVOA_D
ClientSampleId :

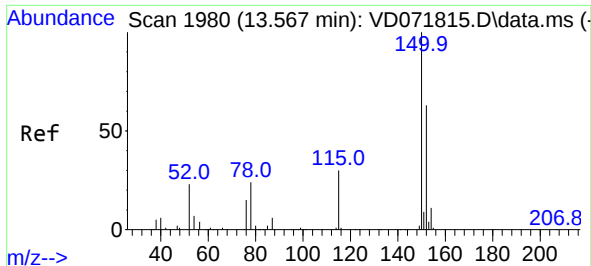
Tgt Ion: 95 Resp: 370064
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 71.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

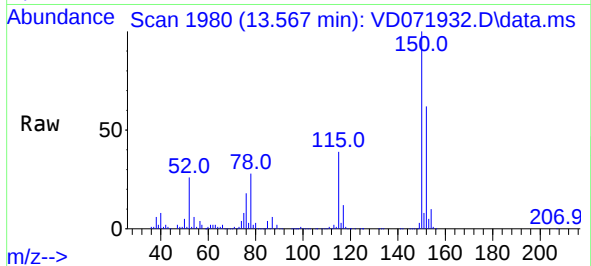
Tgt Ion: 117 Resp: 819976
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 33.2 26.6 40.0



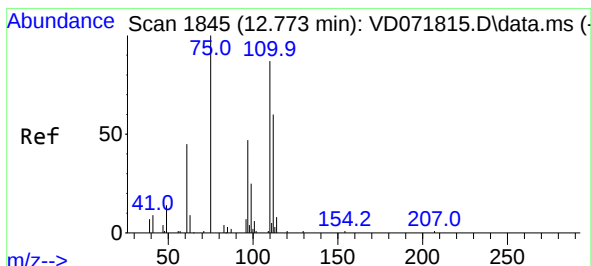
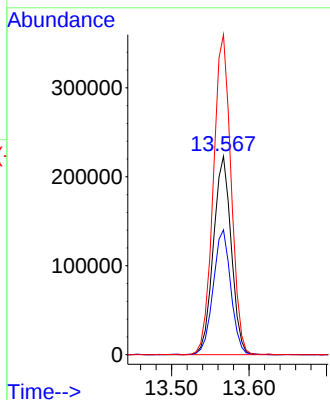
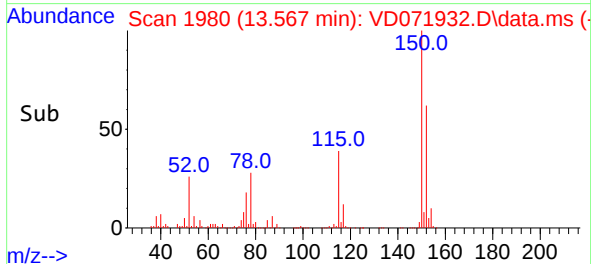


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

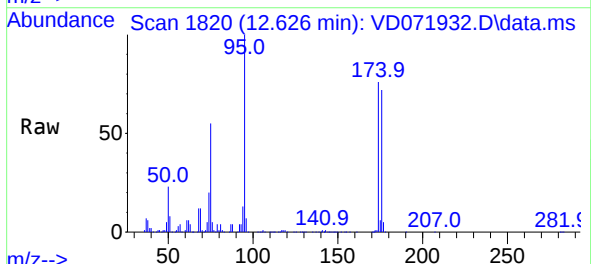
Instrument :
MSVOA_D
ClientSampleId :



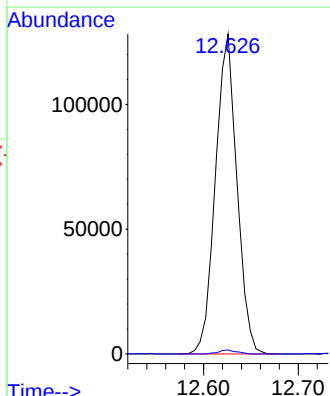
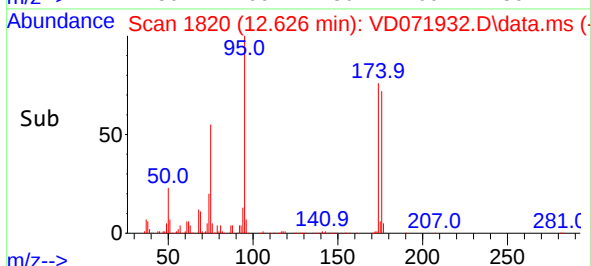
Tgt Ion:152 Resp: 357123
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 160.2 0.0 348.6

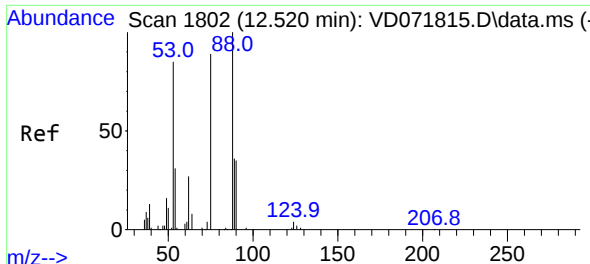


#76
1,2,3-Trichloropropane
Concen: 53.691 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06



Tgt Ion: 75 Resp: 202075
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

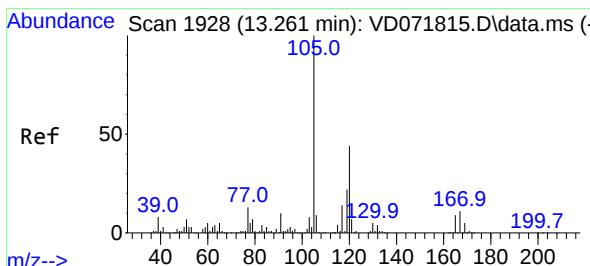
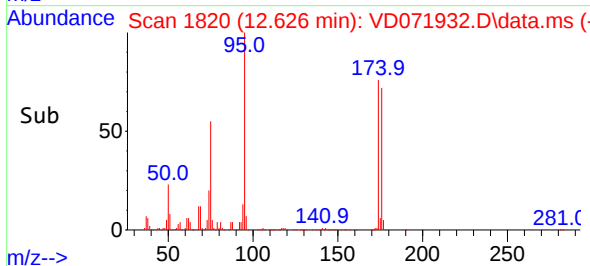
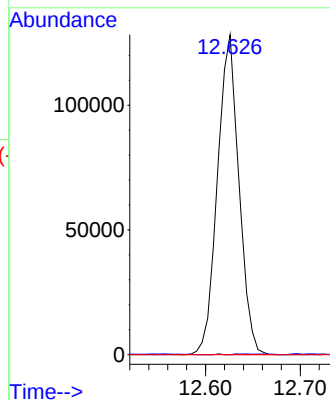
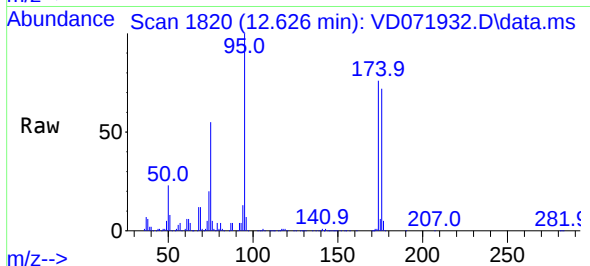




#81
trans-1,4-Dichloro-2-butene
Concen: 132.015 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

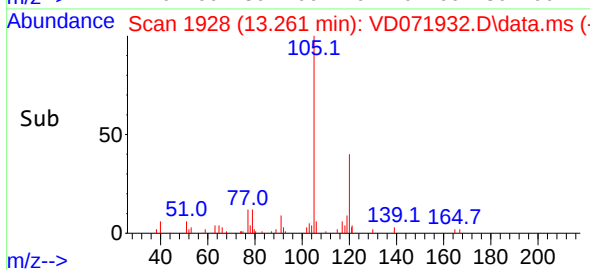
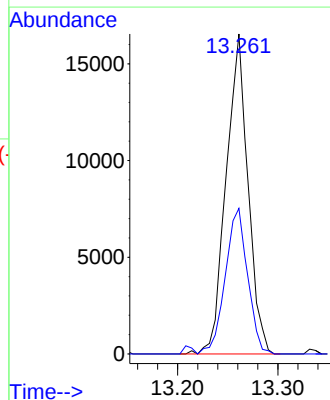
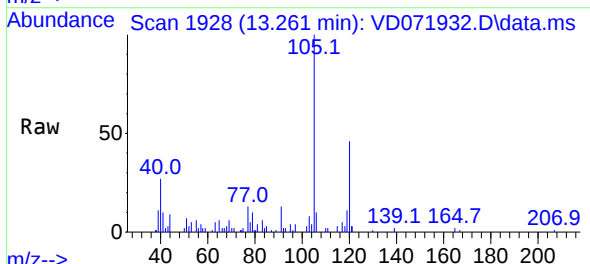
Instrument :
MSVOA_D
ClientSampleId :

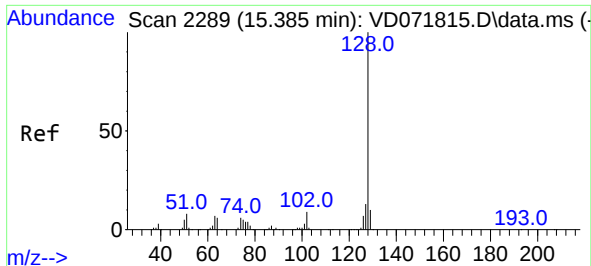
Tgt Ion: 75 Resp: 202075
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#84
1,2,4-Trimethylbenzene
Concen: 1.111 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

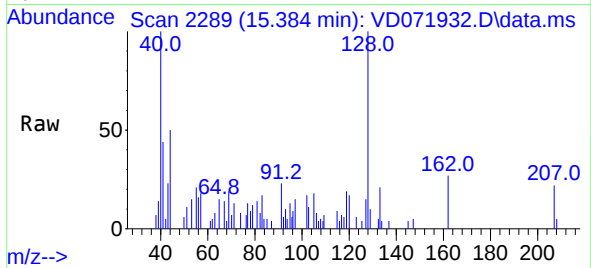
Tgt Ion:105 Resp: 25057
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8





#95
Naphthalene
Concen: 2.078 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071932.D
Acq: 11 Feb 2022 12:06

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 7973
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 14.2 8.4 12.6#

