

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071913.D
 Acq On : 08 Feb 2022 12:58
 Operator : VA/SY
 Sample : N1423-04
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22

Quant Time: Feb 09 03:50:17 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)

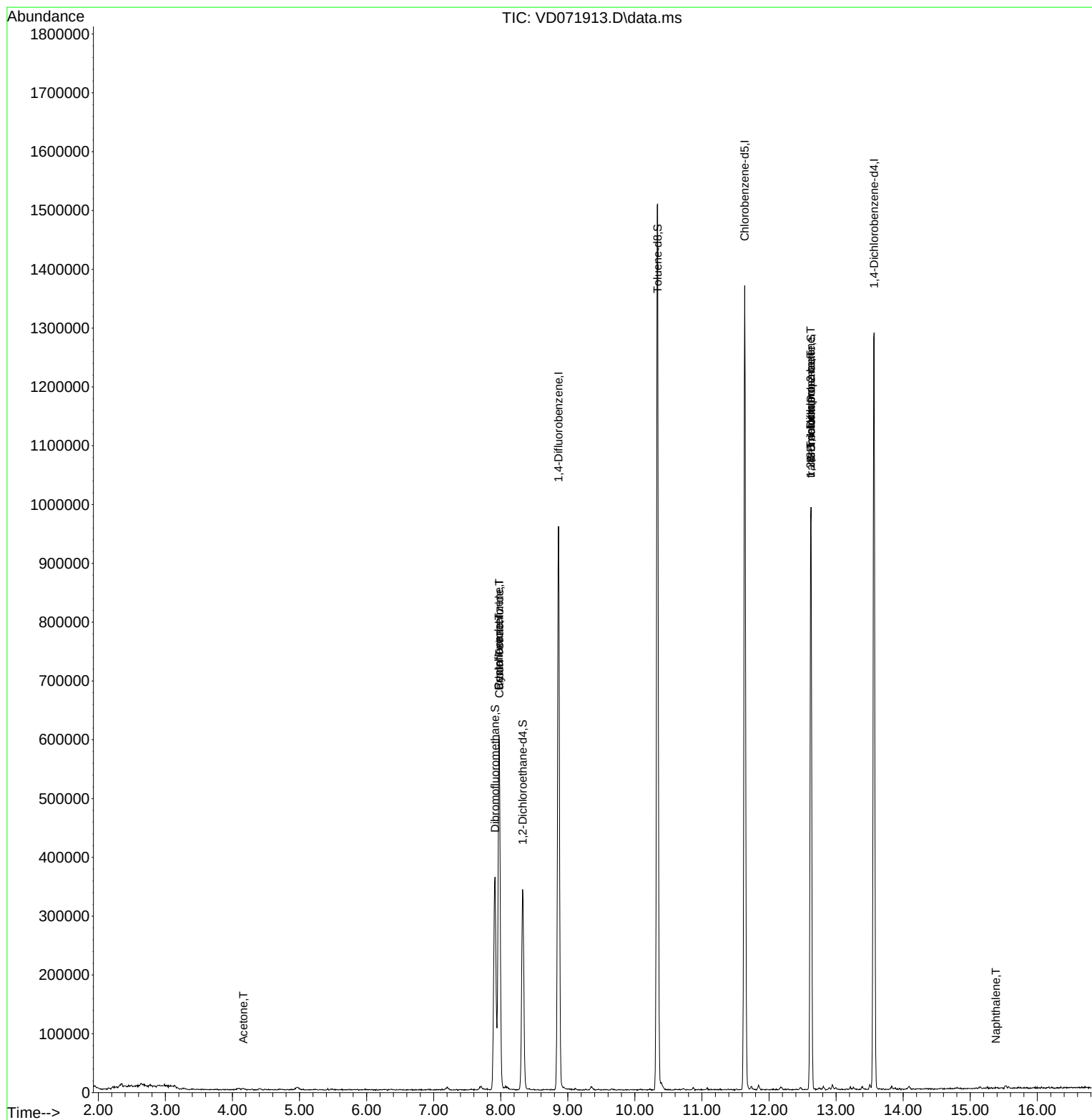
Internal Standards						
1) Pentafluorobenzene	7.973	168	414523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	731013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	323996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279775	53.399	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.800%		
35) Dibromofluoromethane	7.914	113	258395	51.121	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.240%		
50) Toluene-d8	10.338	98	982834	52.065	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.120%		
62) 4-Bromofluorobenzene	12.626	95	322981	48.995	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 97.980%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	85	Below Cal	#	74
16) Acetone	4.162	43	4224	2.945	ug/l #	82
20) Methylene Chloride	4.956	84	3270	Below Cal	#	86
31) Cyclohexane	7.973	56	12689	1.269	ug/l #	1
38) Carbon Tetrachloride	7.979	117	44957	5.240	ug/l #	16
71) Bromoform	12.626	173	3624	1.206	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	178098	52.159	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	178098	128.247	ug/l #	7
95) Naphthalene	15.385	128	1196	1.557	ug/l #	70

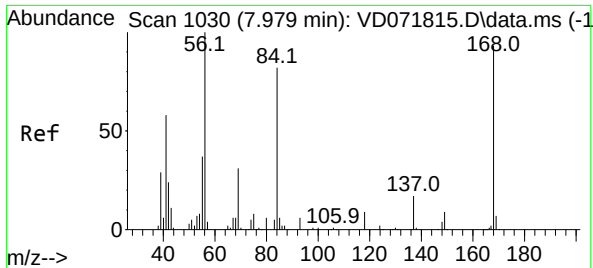
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
Data File : VD071913.D
Acq On : 08 Feb 2022 12:58
Operator : VA/SY
Sample : N1423-04
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-22

Quant Time: Feb 09 03:50:17 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

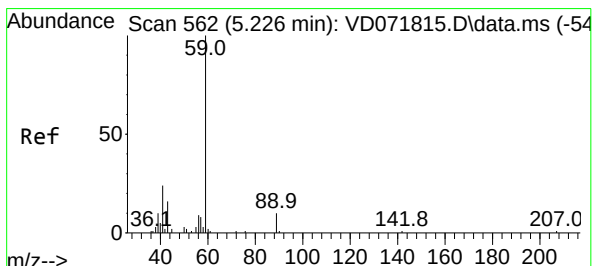
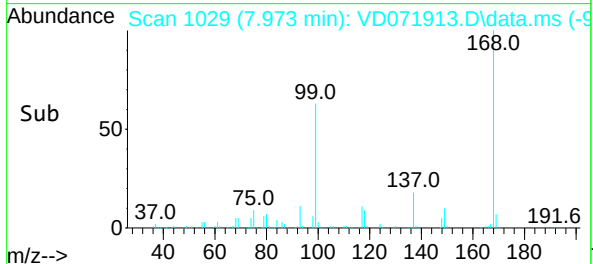
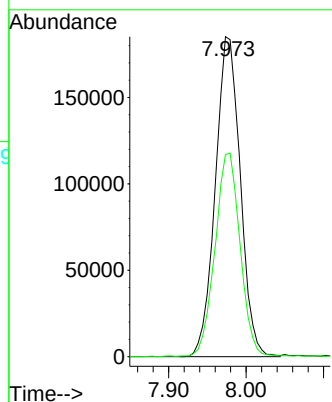
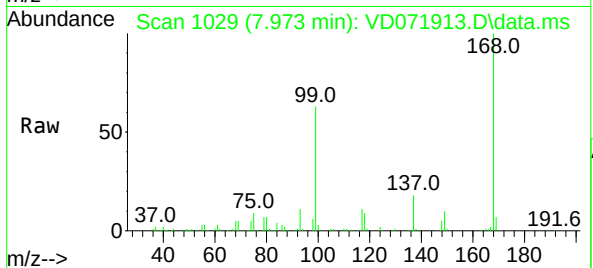




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

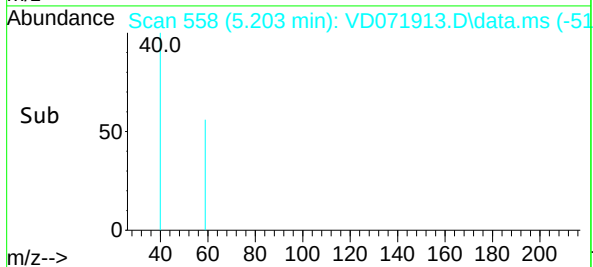
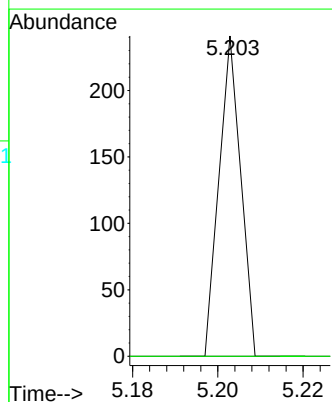
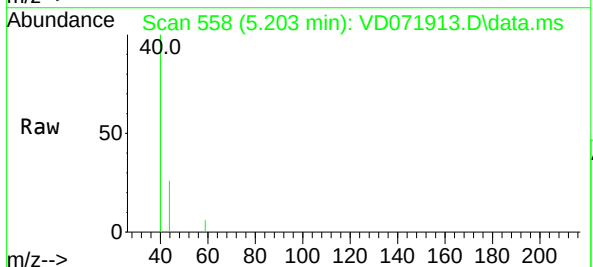
Instrument :
MSVOA_D
ClientSampleId :
TP-22

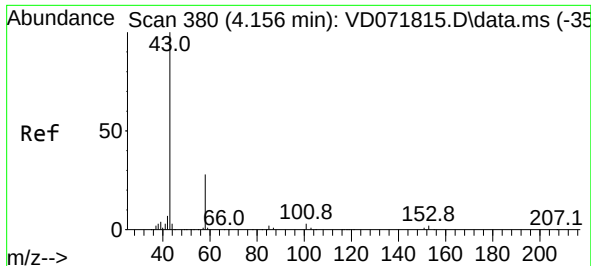
Tgt Ion:168 Resp: 414523
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 2.945 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

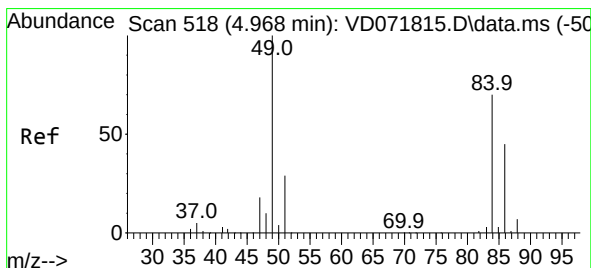
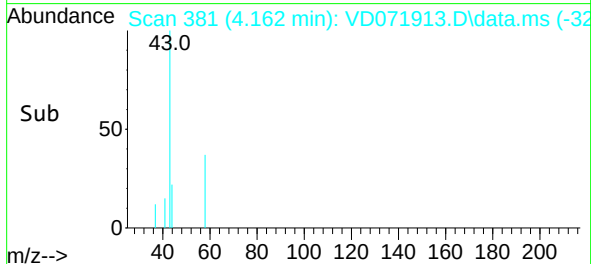
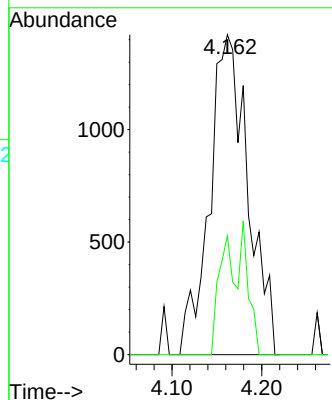
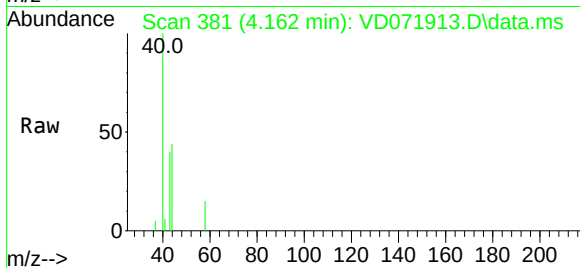
TP-22

Tgt Ion: 43 Resp: 4224

Ion Ratio Lower Upper

43 100

58 37.1 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 516

Delta R.T. -0.012 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

Tgt Ion: 84 Resp: 3270

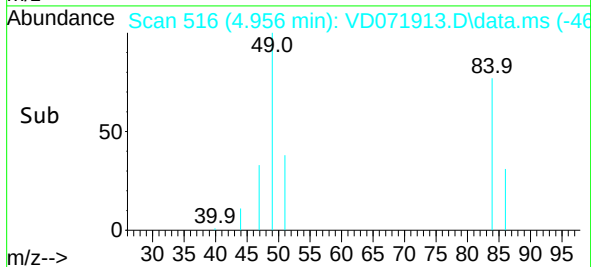
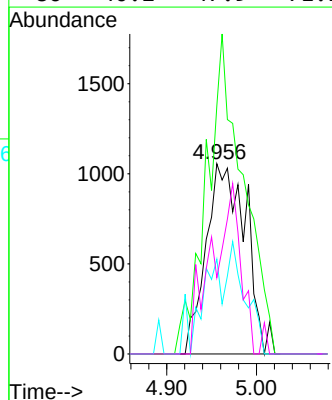
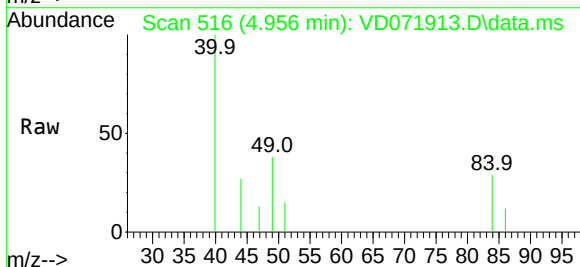
Ion Ratio Lower Upper

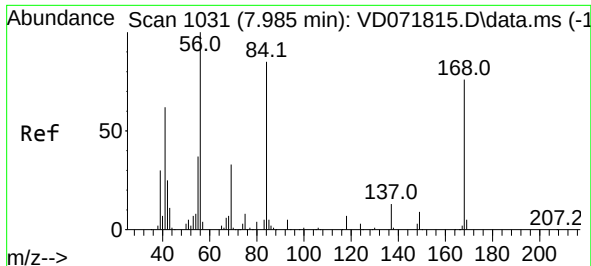
84 100

49 130.4 112.8 169.2

51 49.9 32.6 48.8#

86 40.2 47.9 71.9#





#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

TP-22

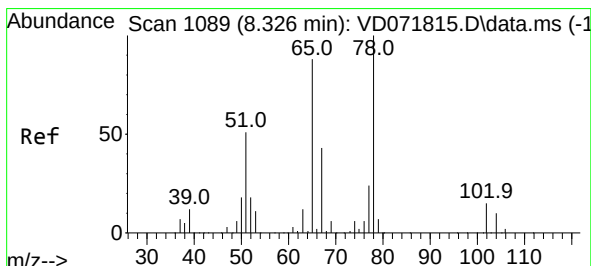
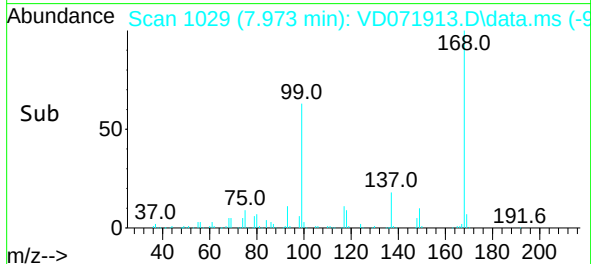
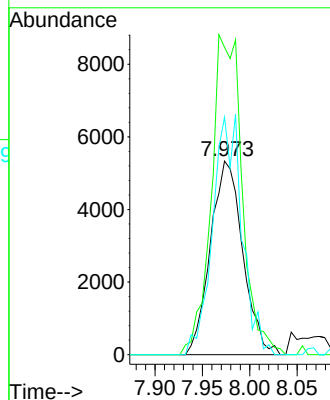
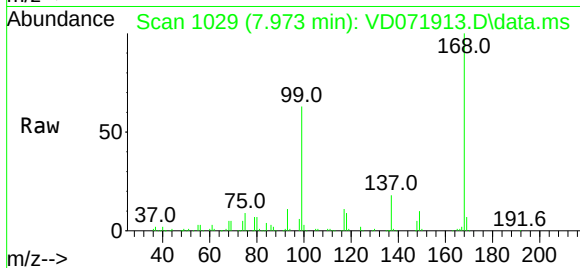
Tgt Ion: 56 Resp: 12689

Ion Ratio Lower Upper

56 100

69 158.7 25.4 38.2#

84 122.7 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 53.399 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071913.D

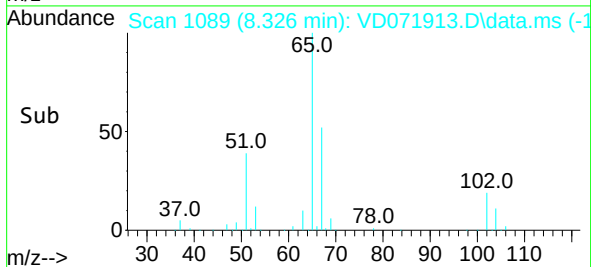
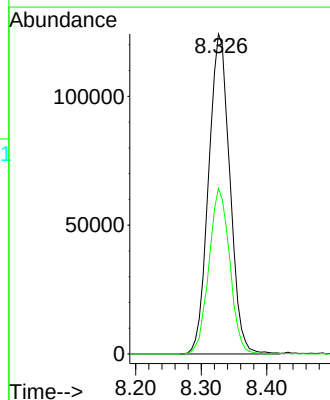
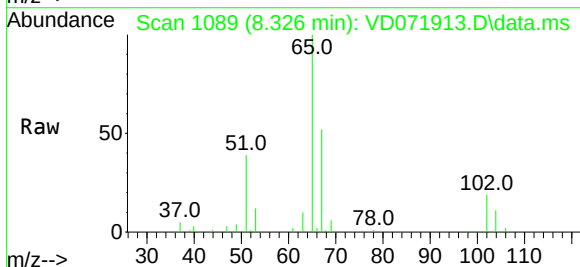
Acq: 08 Feb 2022 12:58

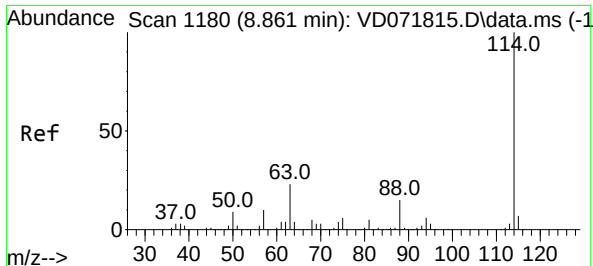
Tgt Ion: 65 Resp: 279775

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071913.D

Acq: 08 Feb 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

TP-22

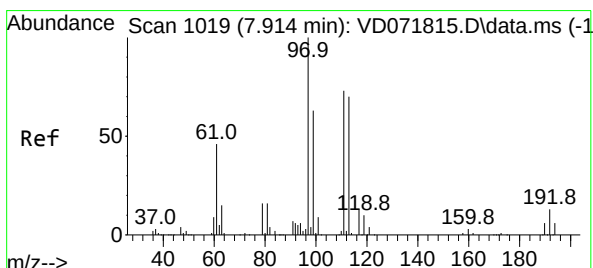
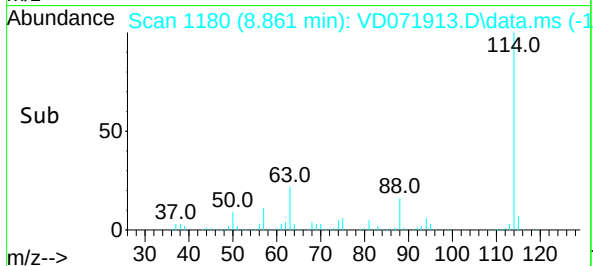
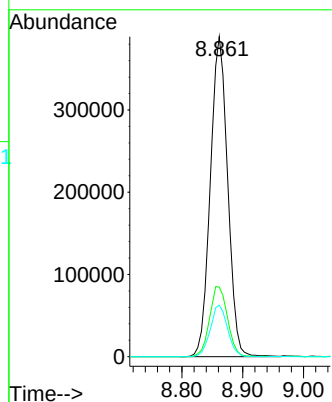
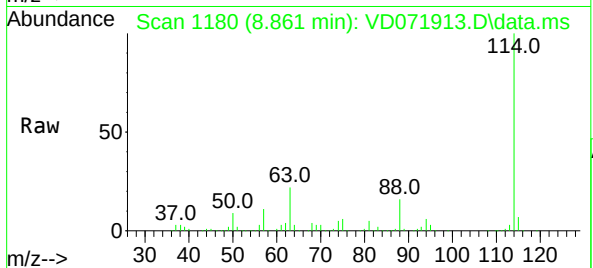
Tgt Ion:114 Resp: 768956

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.121 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

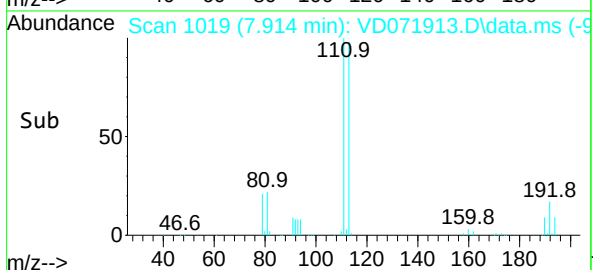
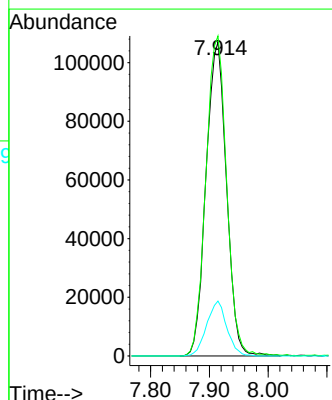
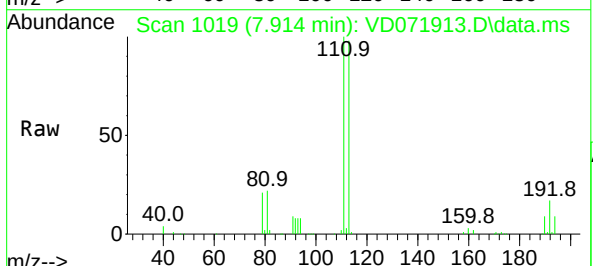
Tgt Ion:113 Resp: 258395

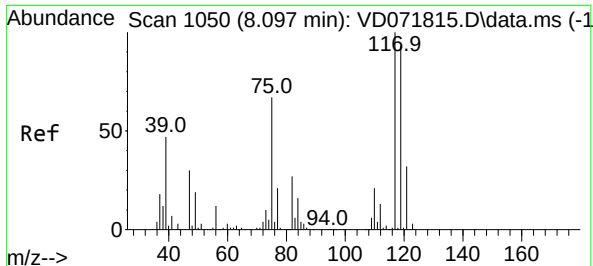
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.3 14.6 21.8

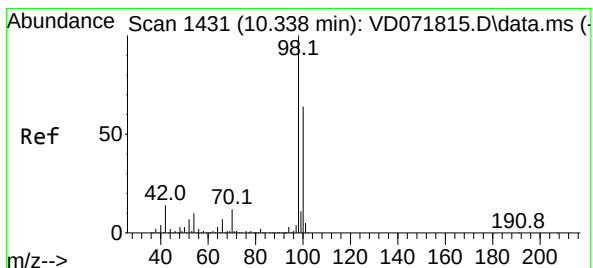
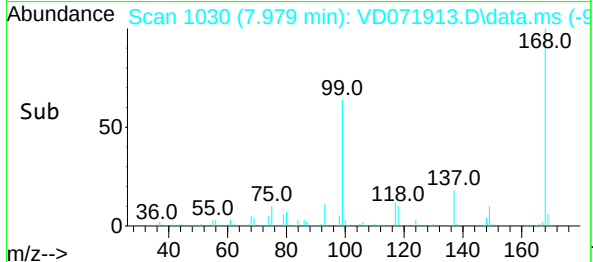
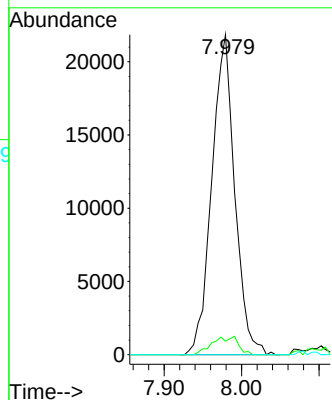
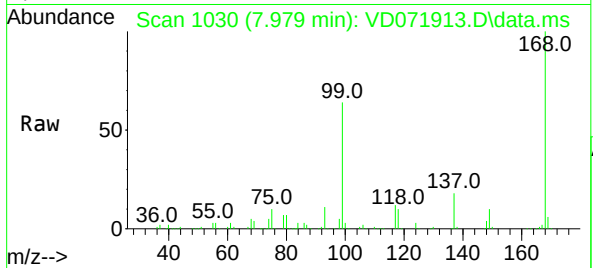




#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

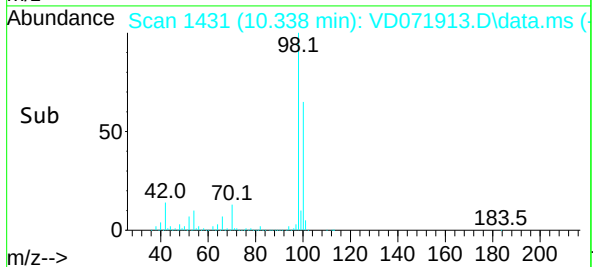
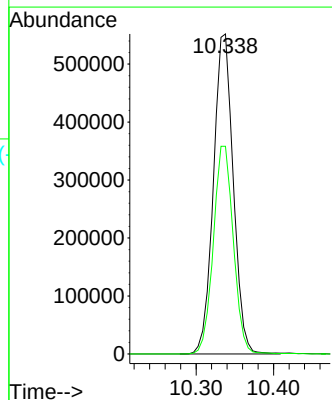
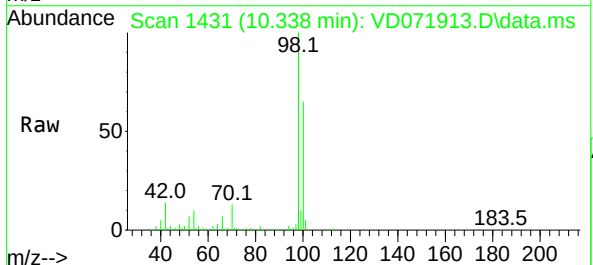
Instrument :
MSVOA_D
ClientSampleId :
TP-22

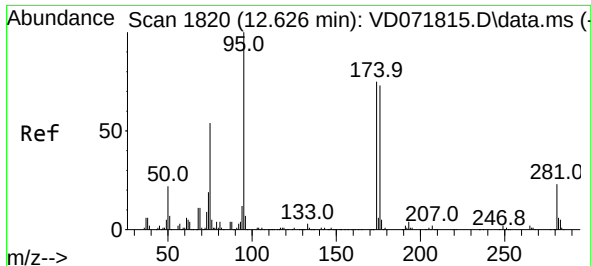
Tgt Ion:117 Resp: 44957
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.065 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion: 98 Resp: 982834
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

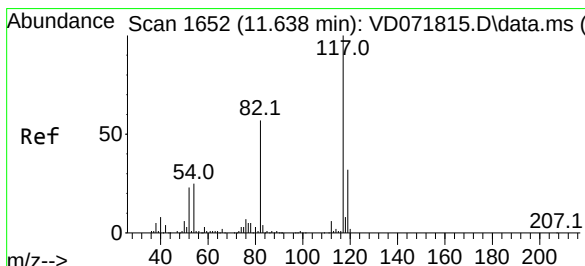
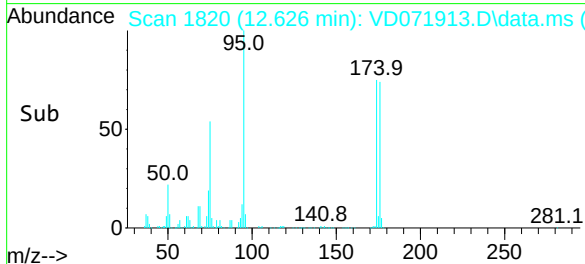
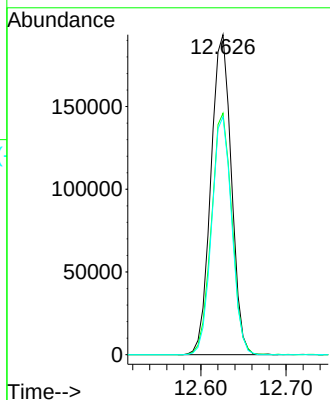
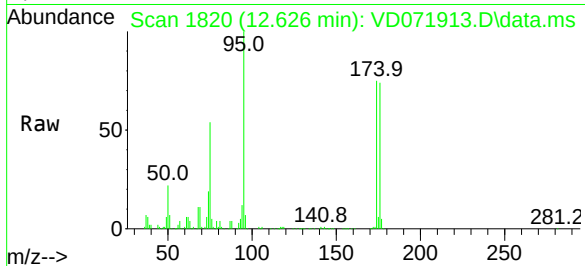




#62
4-Bromofluorobenzene
Concen: 48.995 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

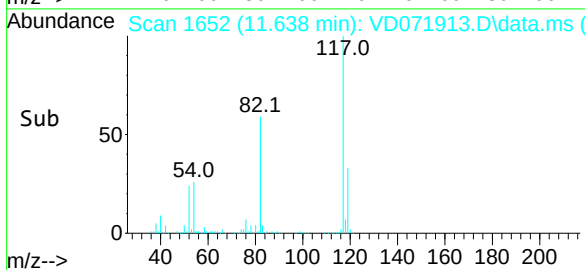
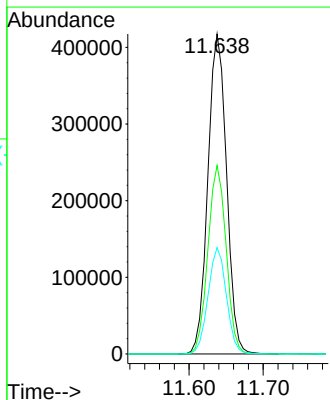
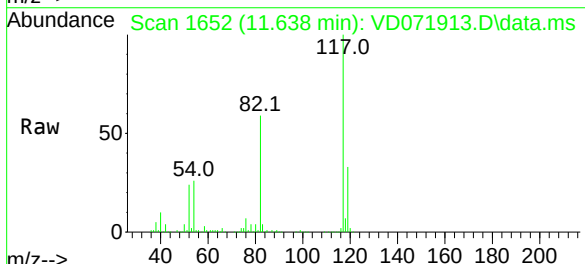
Instrument :
MSVOA_D
ClientSampleId :
TP-22

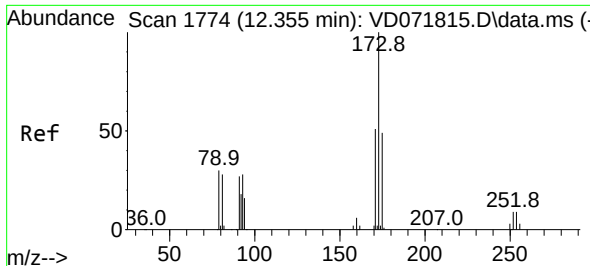
Tgt Ion: 95 Resp: 322981
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 72.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion: 117 Resp: 731013
Ion Ratio Lower Upper
117 100
82 58.9 45.3 67.9
119 33.3 26.6 40.0

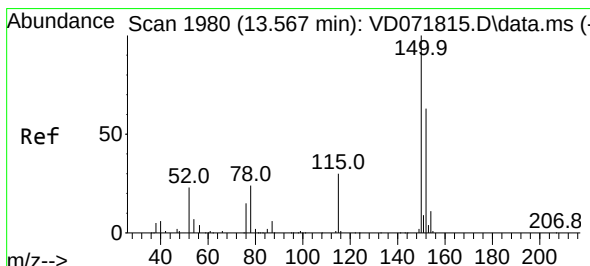
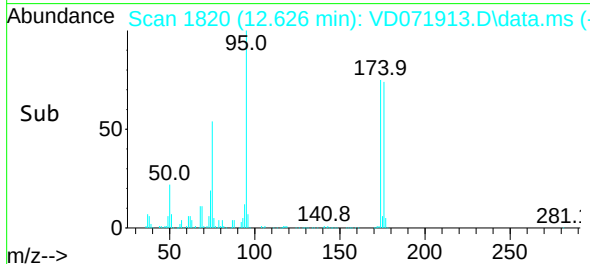
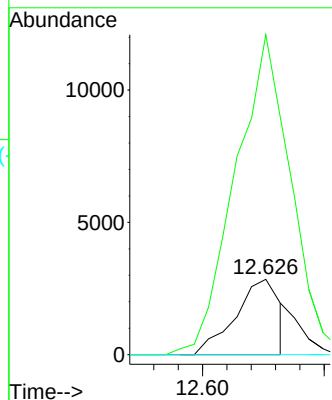
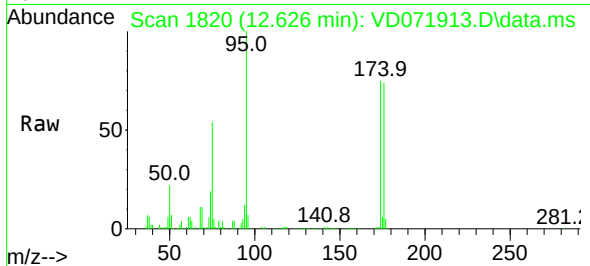




#71
Bromoform
Concen: 1.206 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

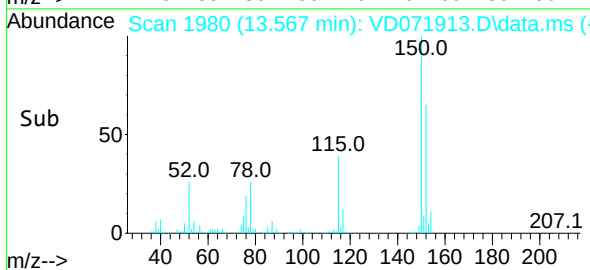
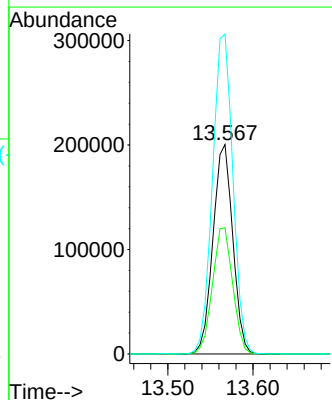
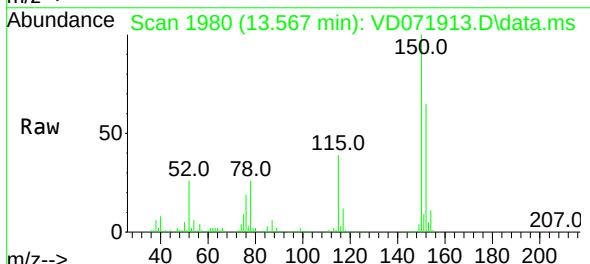
Instrument :
MSVOA_D
ClientSampleId :
TP-22

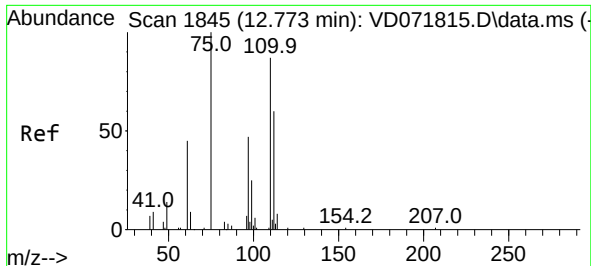
Tgt Ion:173 Resp: 3624
Ion Ratio Lower Upper
173 100
175 432.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion:152 Resp: 323996
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 157.0 0.0 348.6

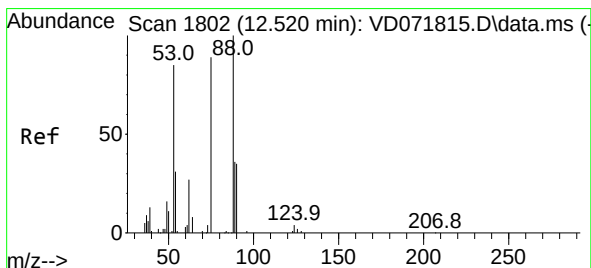
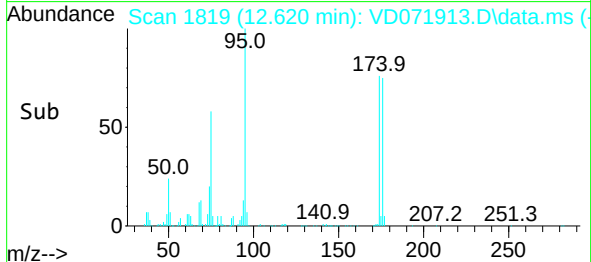
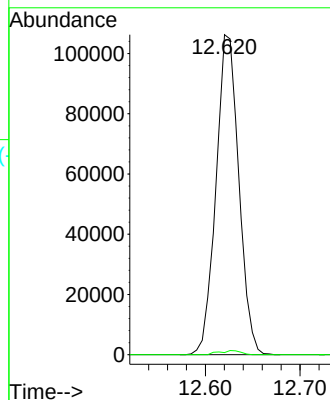
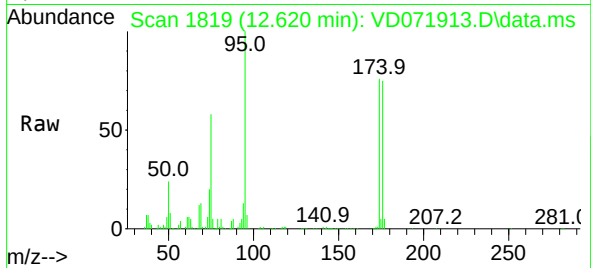




#76
1,2,3-Trichloropropane
Concen: 52.159 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

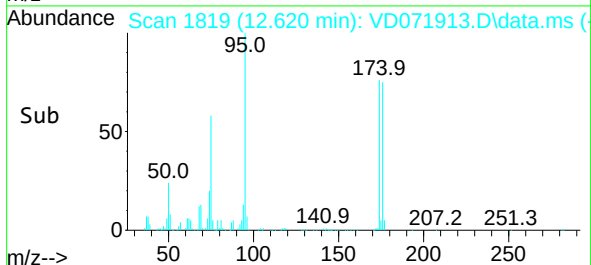
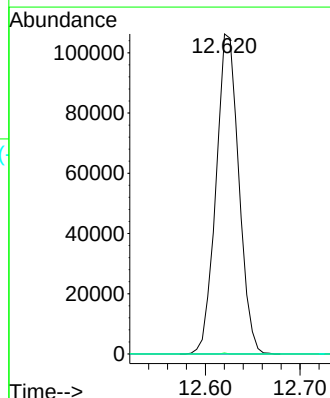
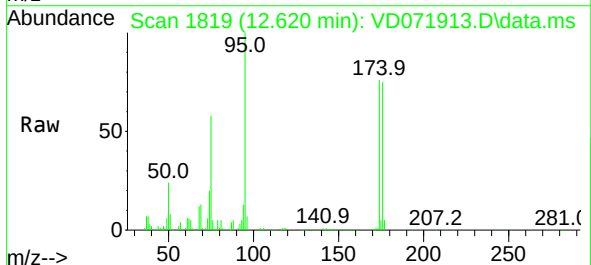
Instrument :
MSVOA_D
ClientSampleId :
TP-22

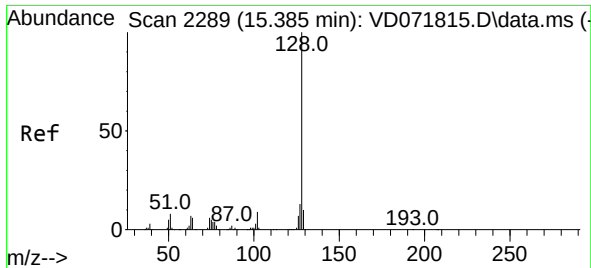
Tgt Ion: 75 Resp: 178098
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.247 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion: 75 Resp: 178098
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 1.557 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071913.D

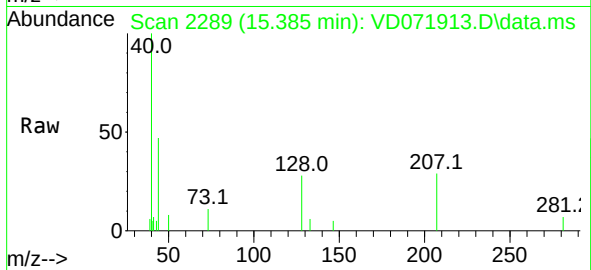
Acq: 08 Feb 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

TP-22



Tgt Ion:	128	Resp:	1196
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

