

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073481.D
 Acq On : 06 Jun 2022 18:17
 Operator : VA/SY
 Sample : N3186-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-218

Quant Time: Jun 07 01:13:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

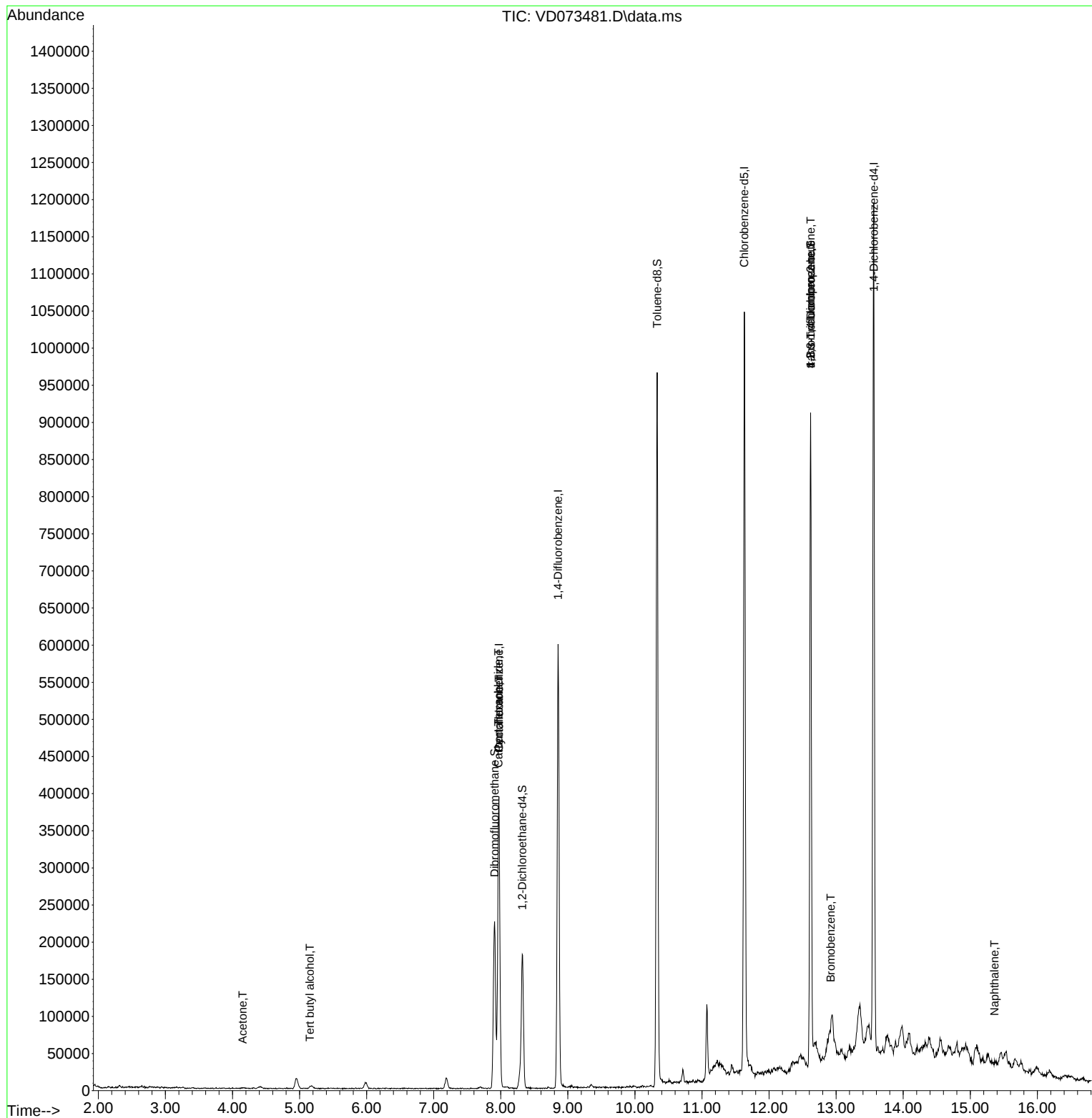
Internal Standards						
1) Pentafluorobenzene	7.973	168	283785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	518808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	600271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	310845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	144748	46.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.300%
35) Dibromofluoromethane	7.908	113	163506	47.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.520%
50) Toluene-d8	10.332	98	644728	51.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.620	95	301081	67.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.960%
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	947	Below Cal	#	45
11) Tert butyl alcohol	5.155	59	1542	3.169	ug/l #	74
16) Acetone	4.150	43	1673	3.080	ug/l #	47
20) Methylene Chloride	4.950	84	11214	Below Cal	#	71
31) Cyclohexane	7.973	56	7361	1.343	ug/l #	22
38) Carbon Tetrachloride	7.967	117	30647	5.872	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	144728	47.453	ug/l #	100
77) Bromobenzene	12.920	156	48924	9.379	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	144728	113.920	ug/l #	8
95) Naphthalene	15.361	128	1288	3.659	ug/l #	65

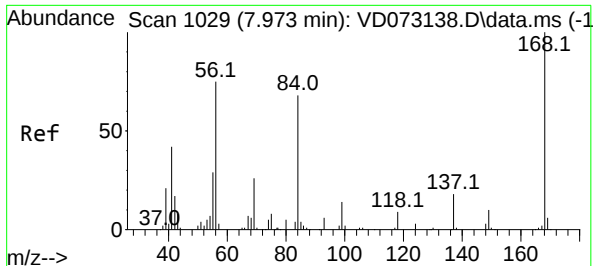
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
Data File : VD073481.D
Acq On : 06 Jun 2022 18:17
Operator : VA/SY
Sample : N3186-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

Quant Time: Jun 07 01:13:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

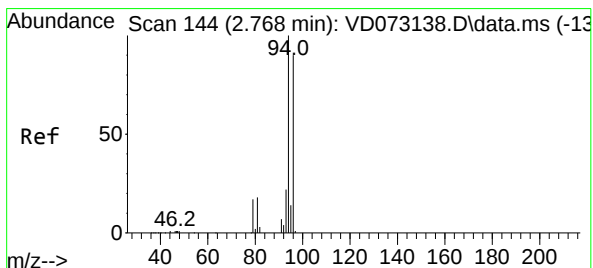
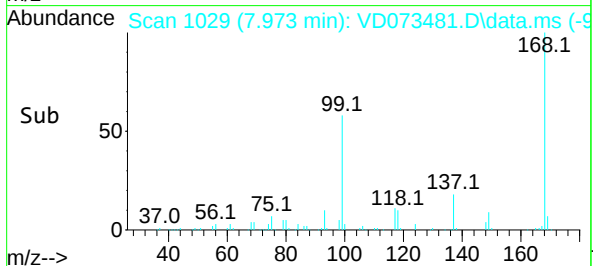
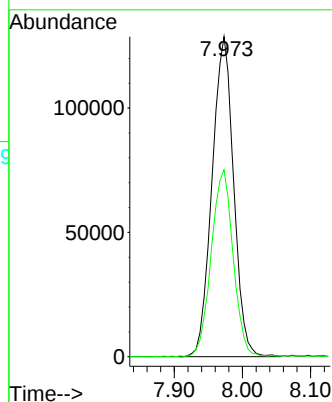
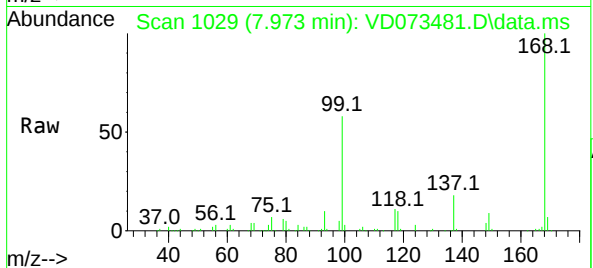




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

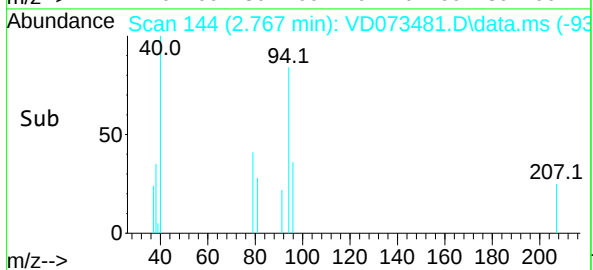
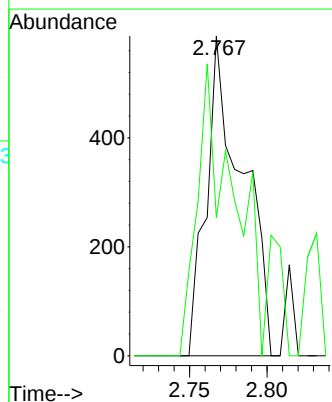
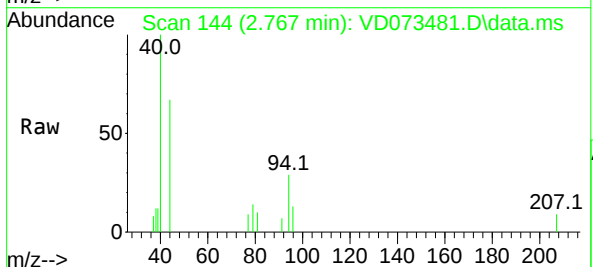
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

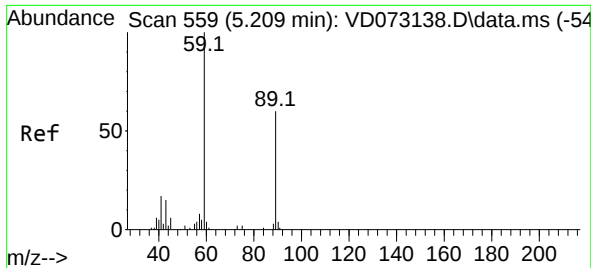
Tgt Ion:168 Resp: 283785
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 94 Resp: 947
Ion Ratio Lower Upper
94 100
96 43.1 77.6 116.4#

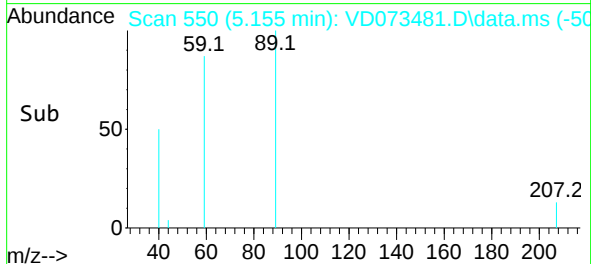
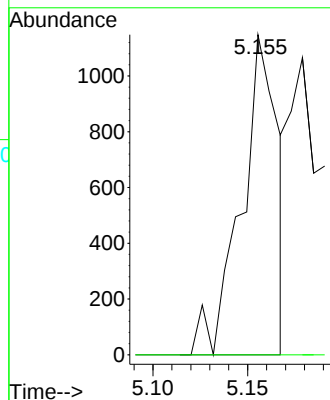
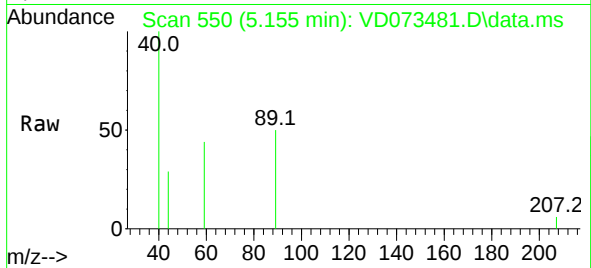




#11
Tert butyl alcohol
Concen: 3.169 ug/l
RT: 5.155 min Scan# 511
Delta R.T. -0.054 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

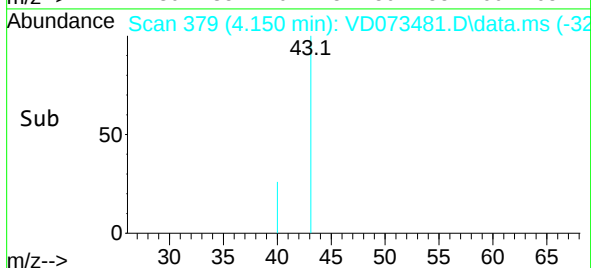
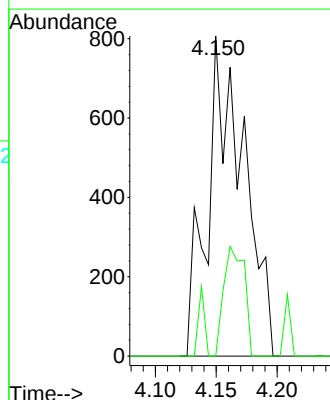
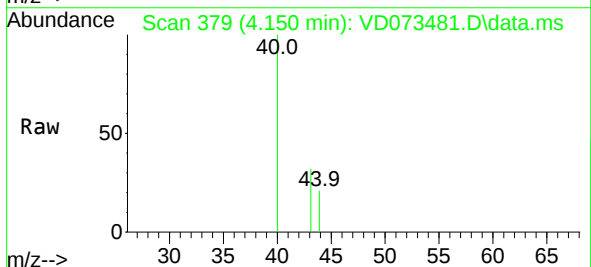
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

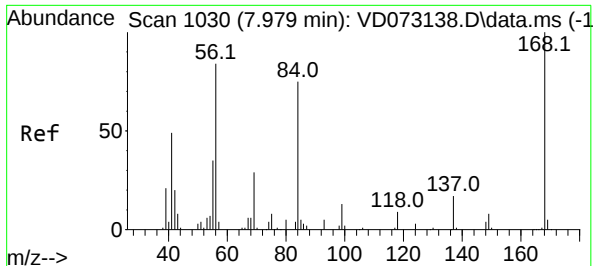
Tgt Ion: 59 Resp: 1542
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.080 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

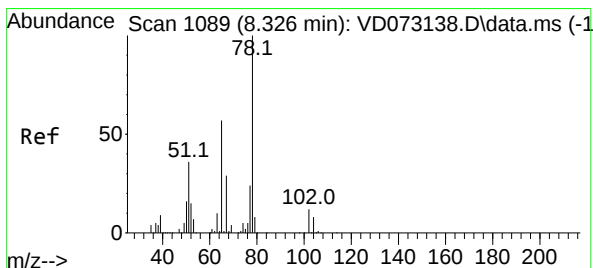
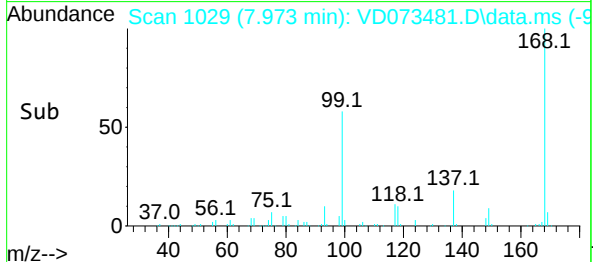
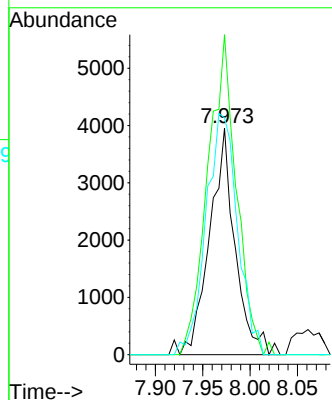
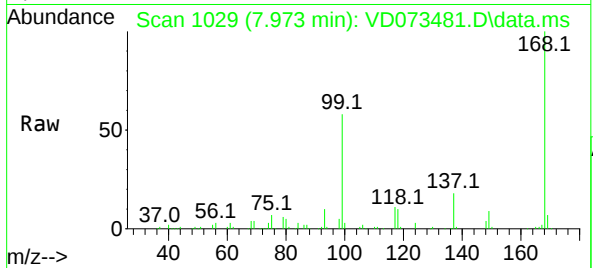




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

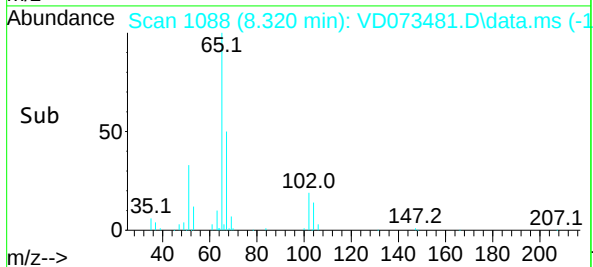
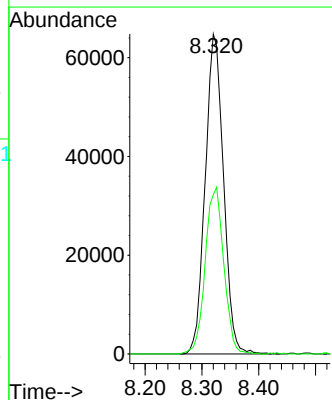
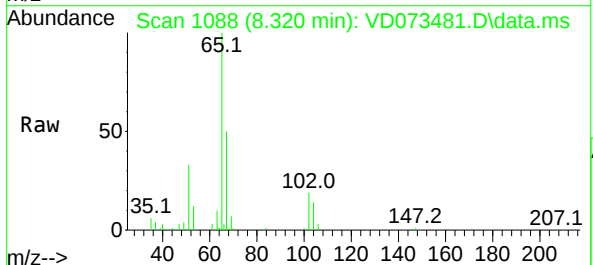
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

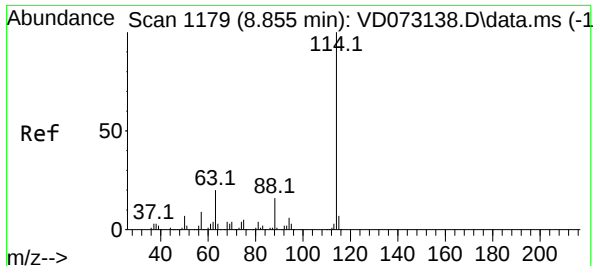
Tgt Ion: 56 Resp: 7361
Ion Ratio Lower Upper
56 100
69 141.2 25.4 38.2#
84 104.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.154 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 65 Resp: 144748
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073481.D

Acq: 06 Jun 2022 18:17

Instrument :

MSVOA_D

ClientSampleId :

VNJ-218

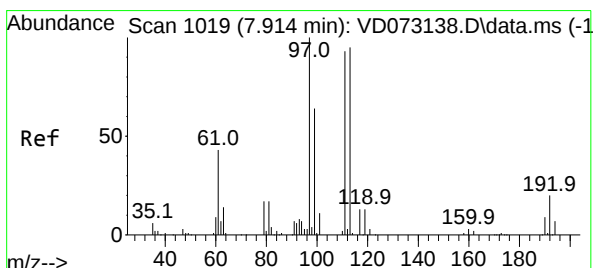
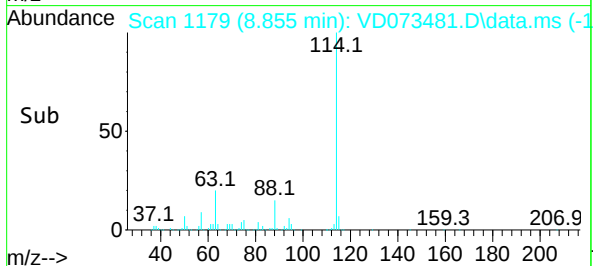
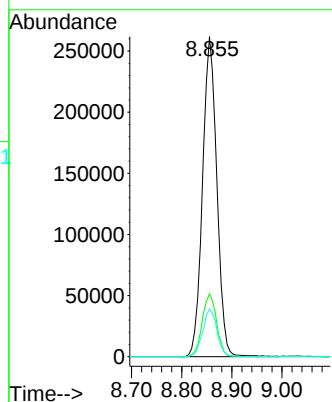
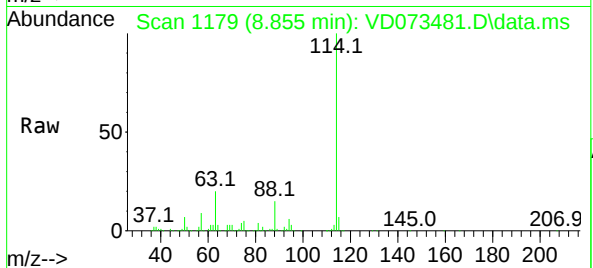
Tgt Ion:114 Resp: 518808

Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.761 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073481.D

Acq: 06 Jun 2022 18:17

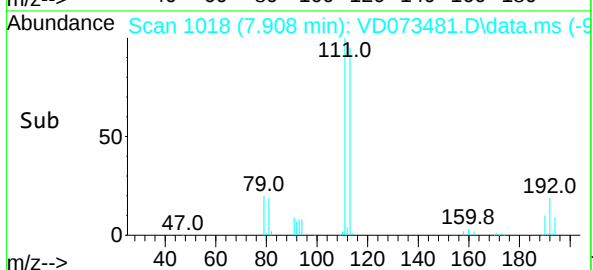
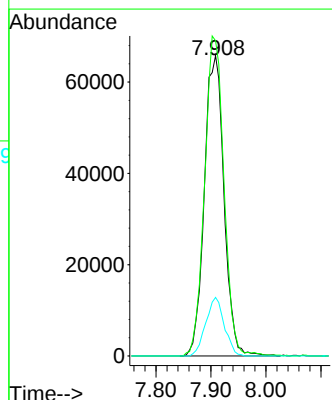
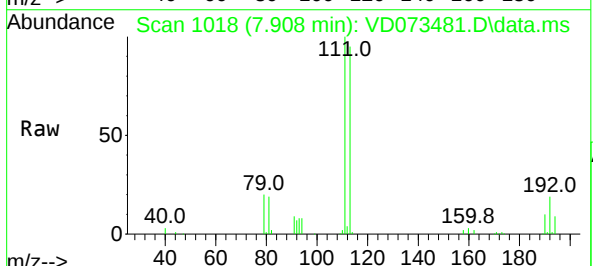
Tgt Ion:113 Resp: 163506

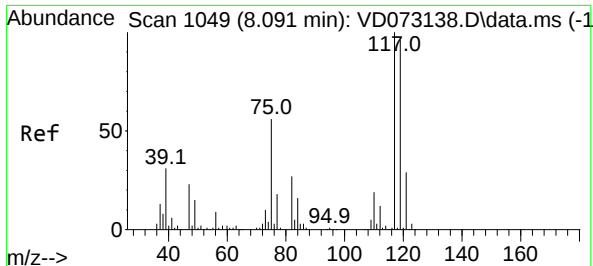
Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 18.4 14.6 21.8

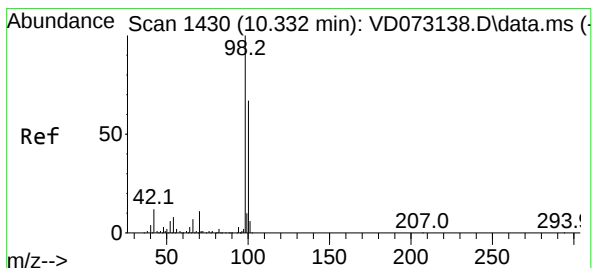
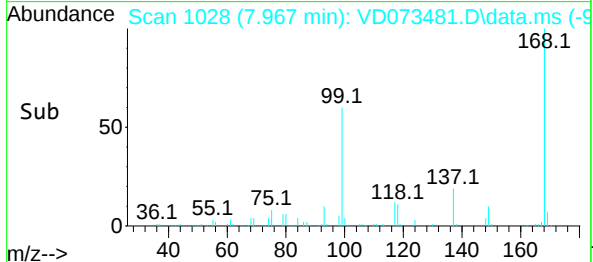
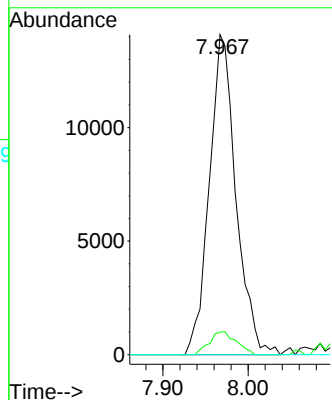
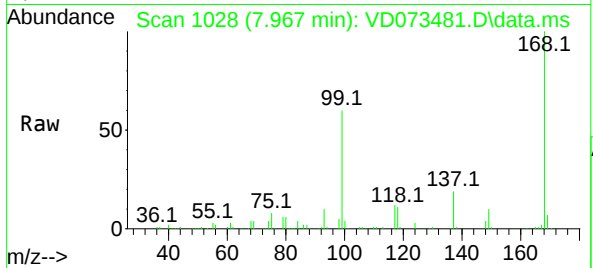




#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

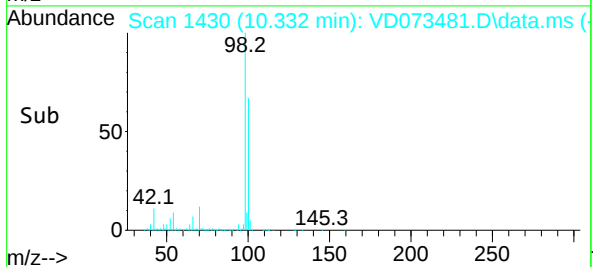
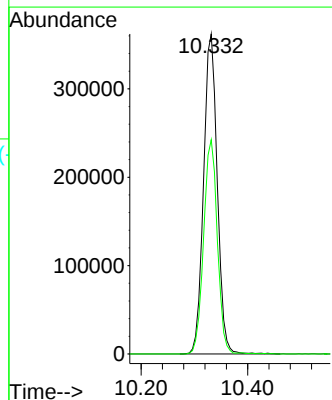
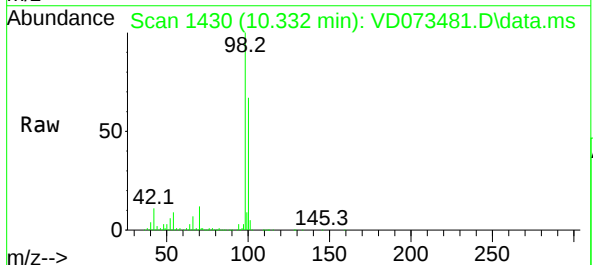
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

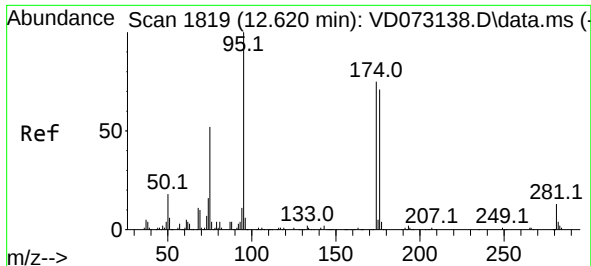
Tgt Ion:117 Resp: 30647
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.089 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 98 Resp: 644728
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

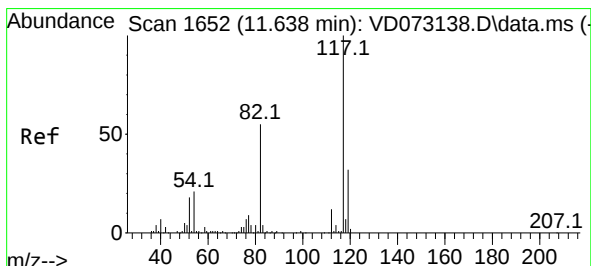
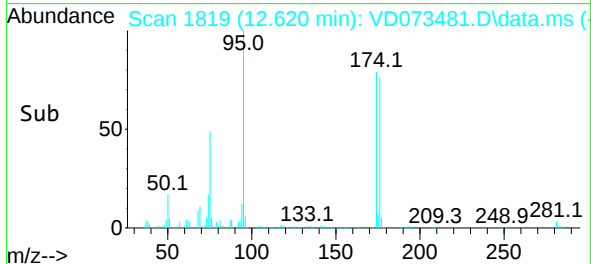
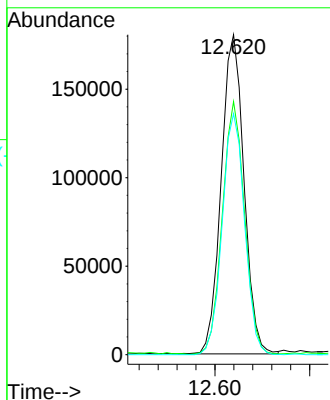
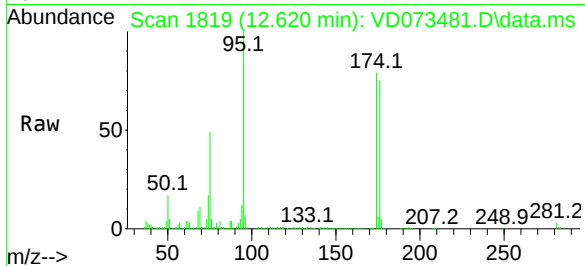




#62
4-Bromofluorobenzene
Concen: 67.983 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

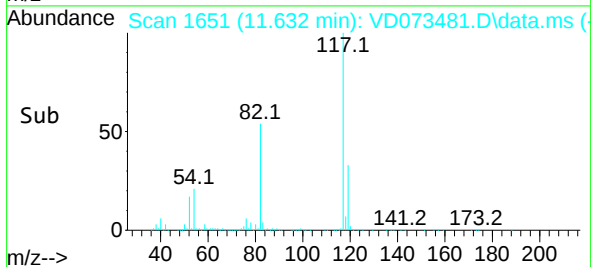
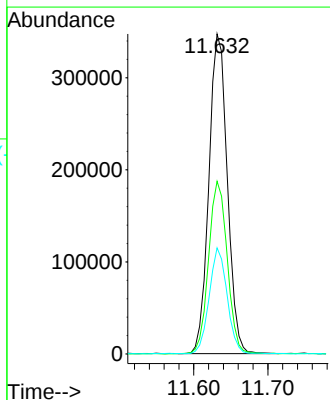
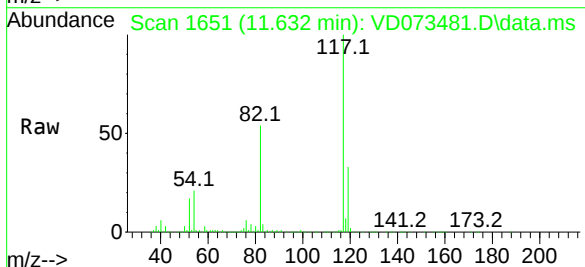
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

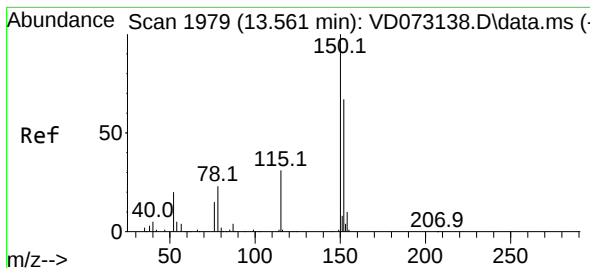
Tgt Ion: 95 Resp: 301081
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 117 Resp: 600271
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 33.1 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073481.D

Acq: 06 Jun 2022 18:17

Instrument :

MSVOA_D

ClientSampleId :

VNJ-218

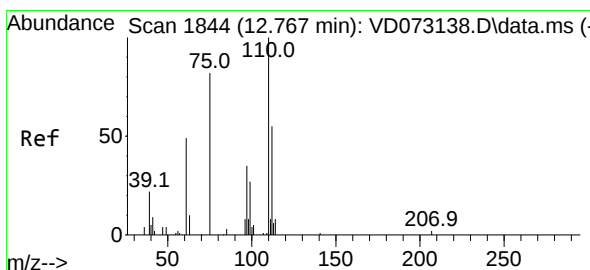
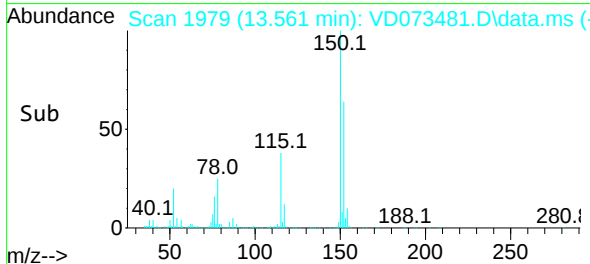
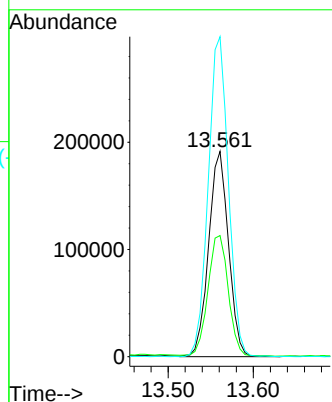
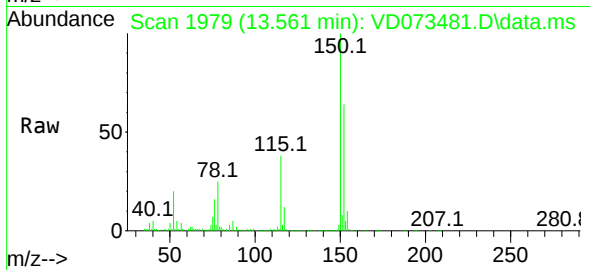
Tgt Ion:152 Resp: 310845

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 158.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 47.453 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073481.D

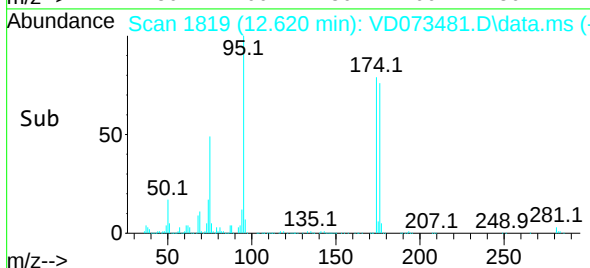
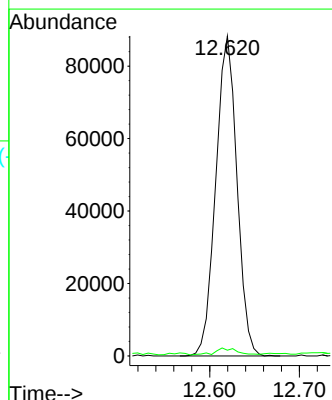
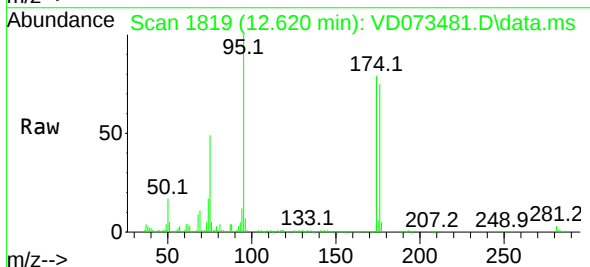
Acq: 06 Jun 2022 18:17

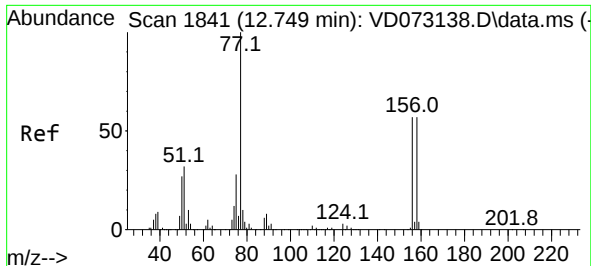
Tgt Ion: 75 Resp: 144728

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#

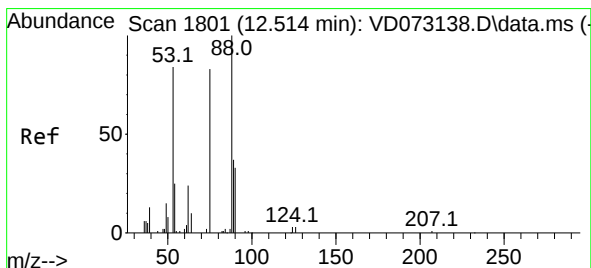
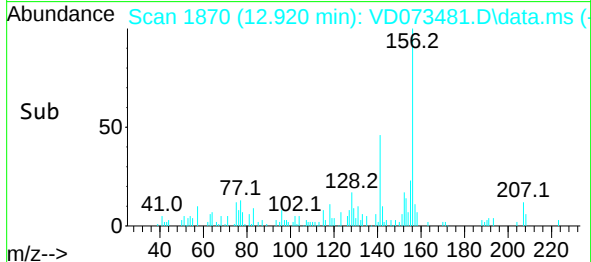
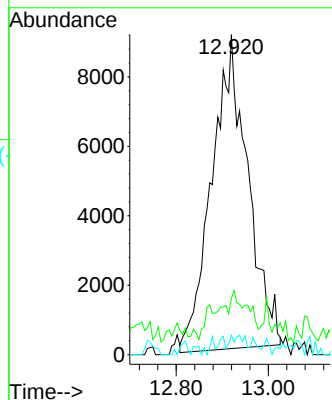
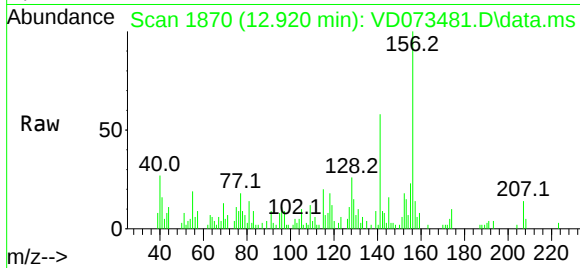




#77
Bromobenzene
Concen: 9.379 ug/l
RT: 12.920 min Scan# 1819
Delta R.T. 0.171 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

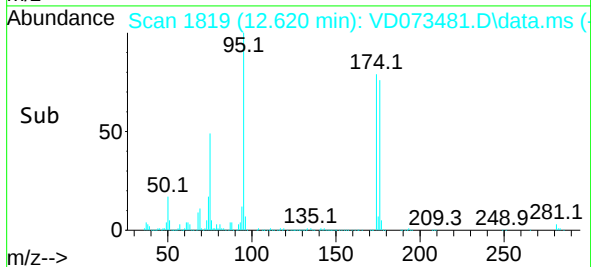
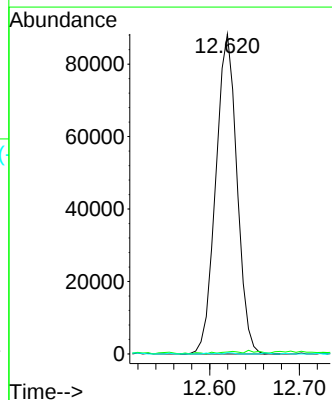
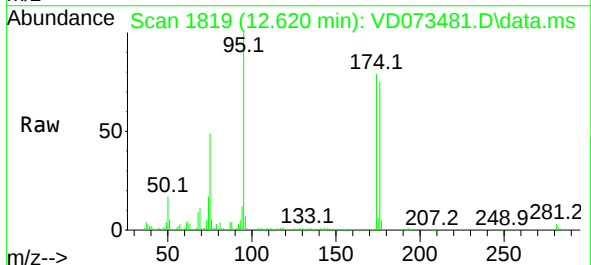
Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

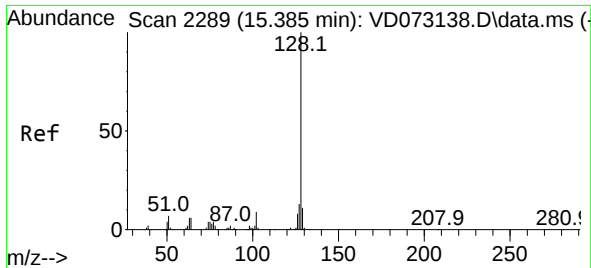
Tgt Ion:156 Resp: 48924
Ion Ratio Lower Upper
156 100
77 6.0 102.8 308.3#
158 2.5 48.7 146.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.920 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 75 Resp: 144728
Ion Ratio Lower Upper
75 100
53 0.8 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 3.659 ug/l
RT: 15.361 min Scan# 21
Delta R.T. -0.024 min
Lab File: VD073481.D
Acq: 06 Jun 2022 18:17

Instrument :
MSVOA_D
ClientSampleId :
VNJ-218

Tgt Ion:128 Resp: 1288
Ion Ratio Lower Upper
128 100
127 34.2 10.3 15.5#
129 5.7 8.4 12.6#

