

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072918.D
 Acq On : 10 May 2022 17:00
 Operator : VA/SY
 Sample : N2755-01
 Misc : 3.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210

Quant Time: May 11 05:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

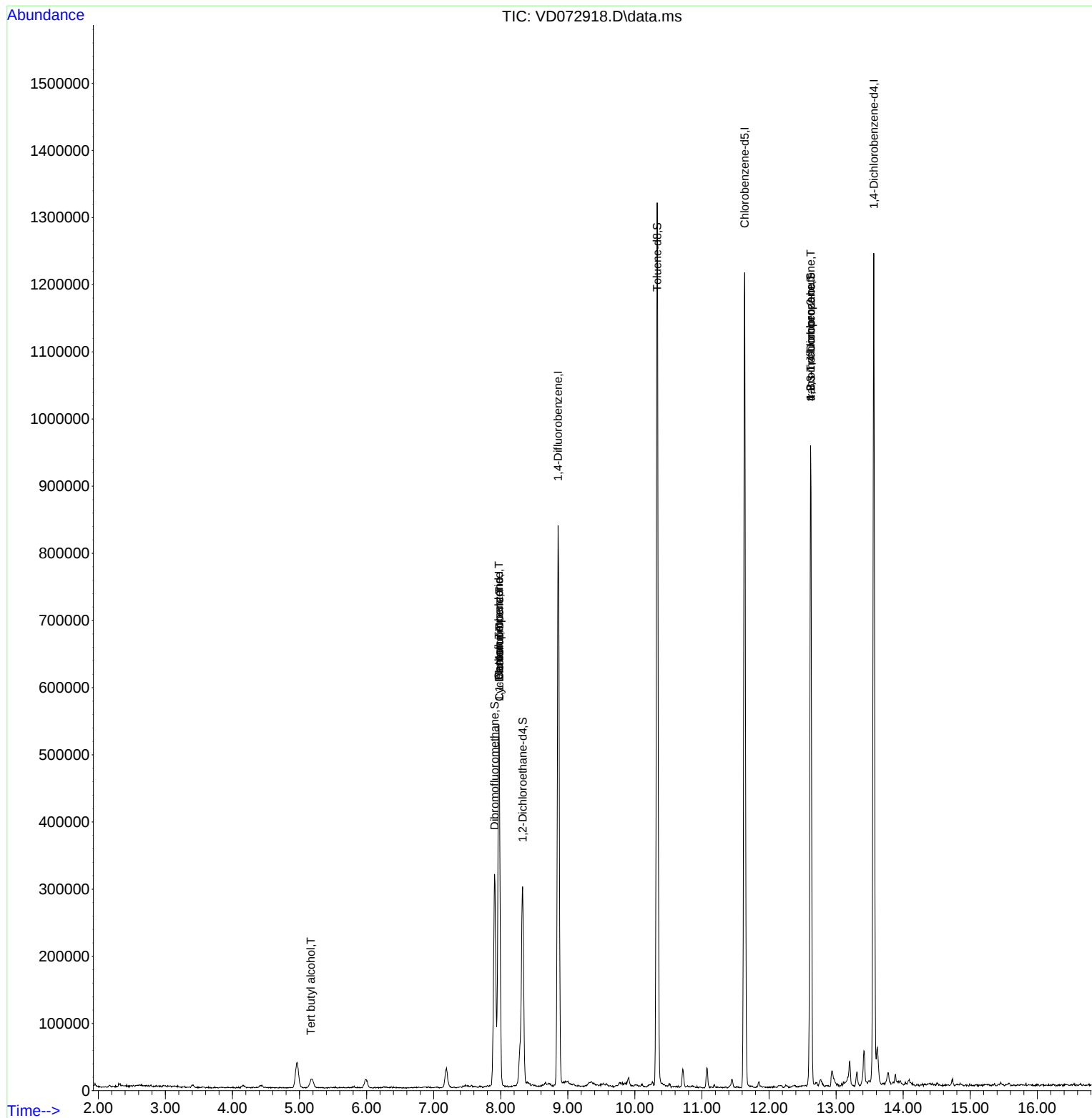
Internal Standards						
1) Pentafluorobenzene	7.973	168	385288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	702905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	681746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	304854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227247	45.437	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.880%		
35) Dibromofluoromethane	7.909	113	225801	45.740	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.480%		
50) Toluene-d8	10.332	98	862400	48.701	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.620	95	319358	48.367	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.740%		
Target Compounds						
5) Bromomethane	2.779	94	868	Below Cal		82
11) Tert butyl alcohol	5.167	59	13573	31.367 ug/l #		74
16) Acetone	4.156	43	6463	Below Cal		90
18) Methyl Acetate	4.738	43	150	Below Cal #		55
20) Methylene Chloride	4.967	84	29015	Below Cal		86
31) Cyclohexane	7.979	56	9365	1.071 ug/l #		1
36) 1,1-Dichloropropene	7.979	75	33740	4.203 ug/l #		52
38) Carbon Tetrachloride	7.973	117	41314	4.958 ug/l #		17
76) 1,2,3-Trichloropropane	12.620	75	169568	49.883 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	169568	114.710 ug/l #		7

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

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Quant Title : SW846 8260
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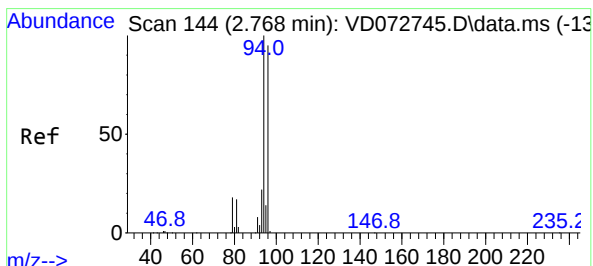
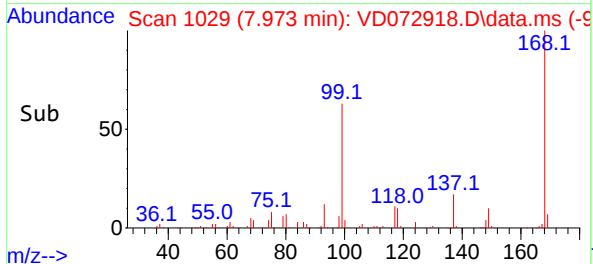
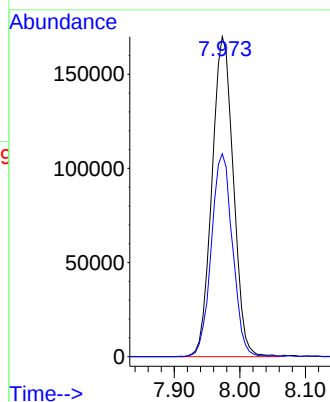
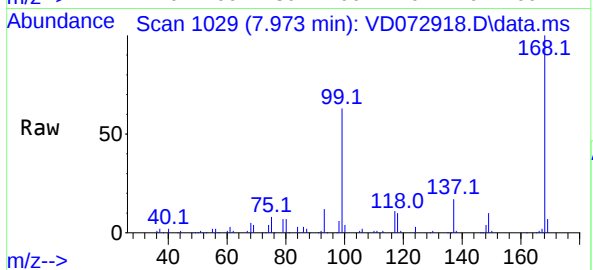




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

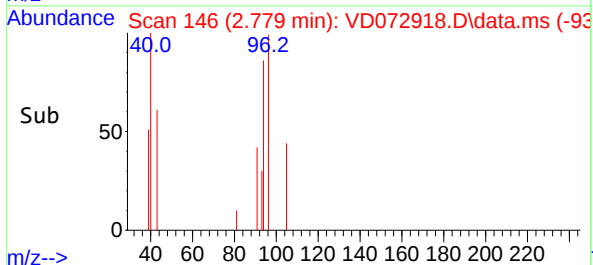
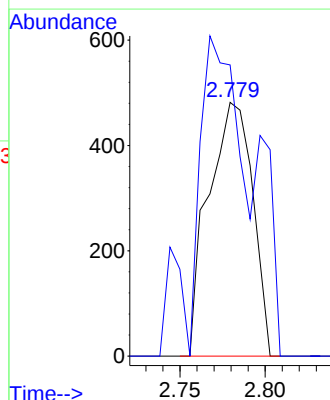
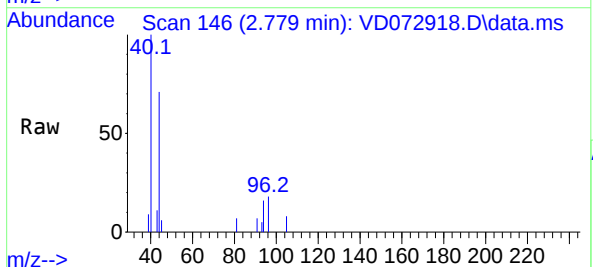
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

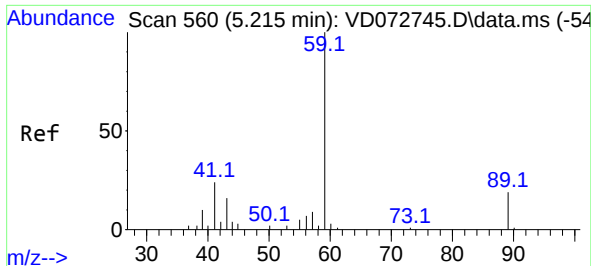
Tgt Ion:168 Resp: 385288
Ion Ratio Lower Upper
168 100
99 63.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

Tgt Ion: 94 Resp: 868
Ion Ratio Lower Upper
94 100
96 114.7 77.6 116.4





#11

Tert butyl alcohol

Concen: 31.367 ug/l

RT: 5.167 min Scan# 51

Delta R.T. -0.048 min

Lab File: VD072918.D

Acq: 10 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

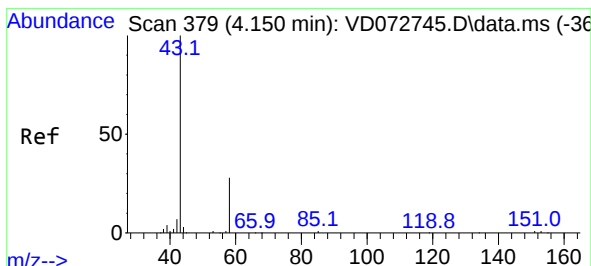
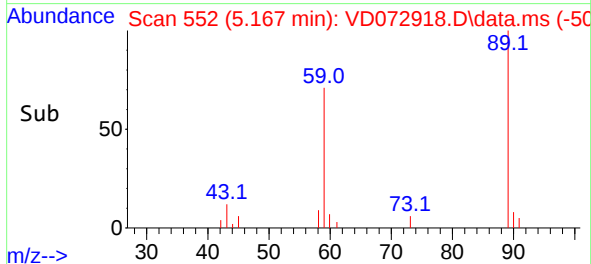
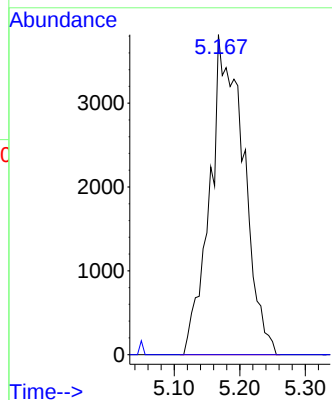
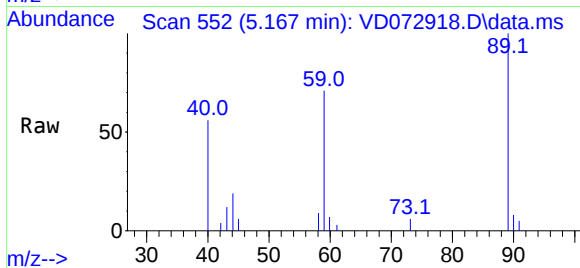
VNJ-210

Tgt Ion: 59 Resp: 13573

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.156 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD072918.D

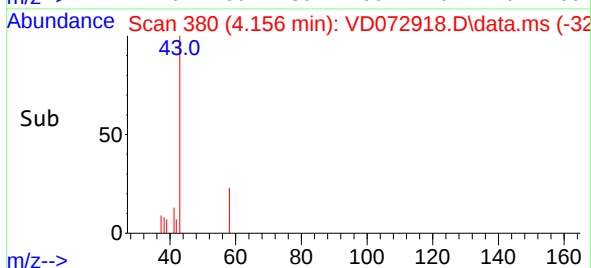
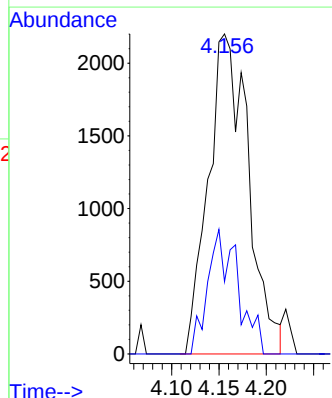
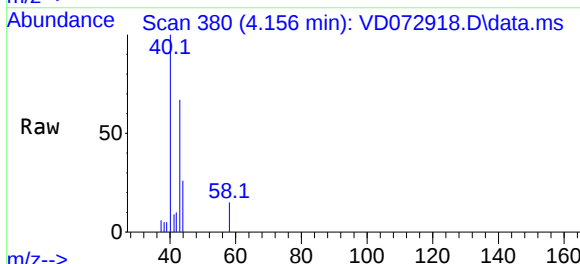
Acq: 10 May 2022 17:00

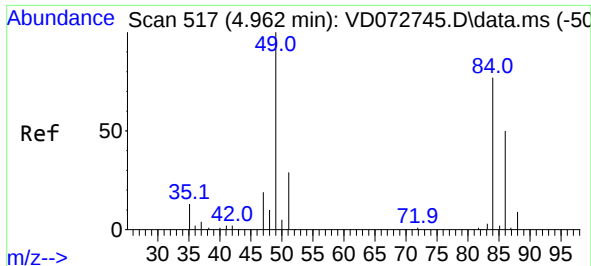
Tgt Ion: 43 Resp: 6463

Ion Ratio Lower Upper

43 100

58 22.6 22.1 33.1



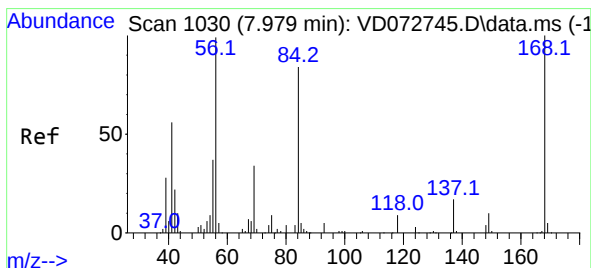
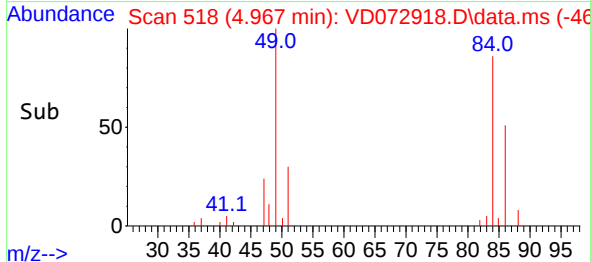
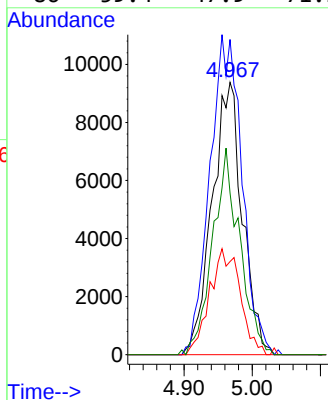
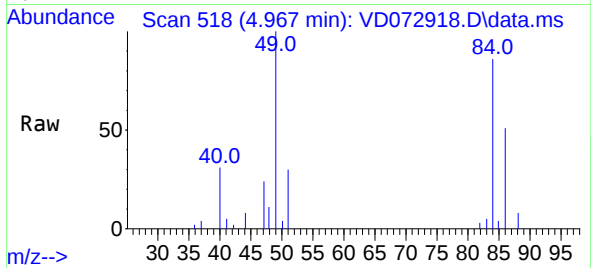


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

Tgt Ion: 84 Resp: 29015

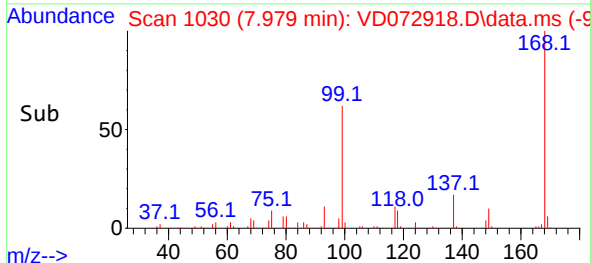
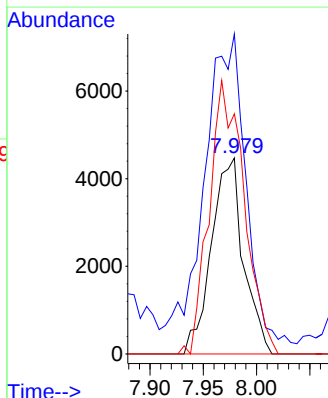
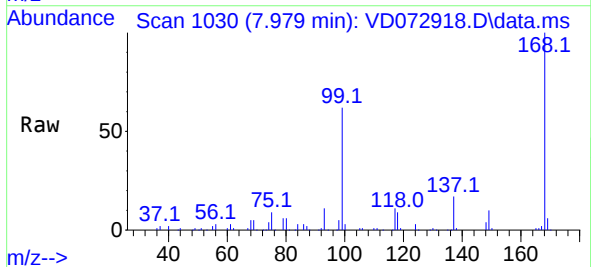
Ion	Ratio	Lower	Upper
84	100		
49	115.8	112.8	169.2
51	34.2	32.6	48.8
86	59.4	47.9	71.9

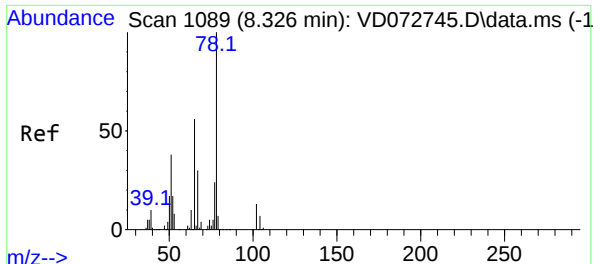


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

Tgt Ion: 56 Resp: 9365

Ion	Ratio	Lower	Upper
56	100		
69	155.9	25.4	38.2#
84	122.5	63.0	94.4#

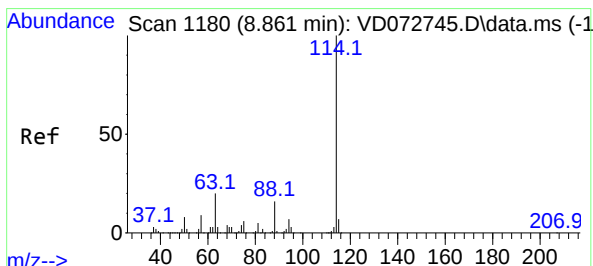
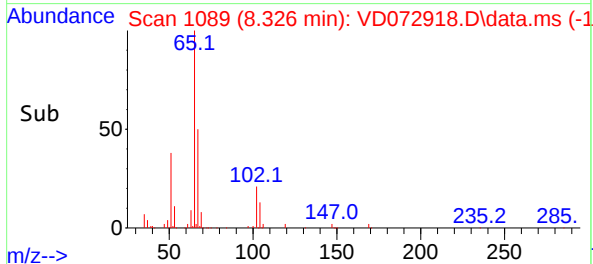
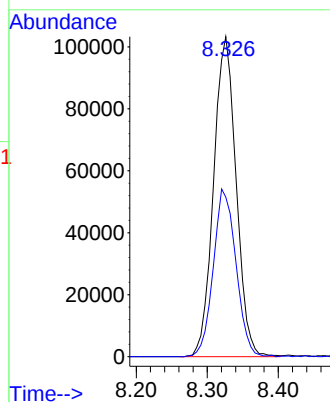
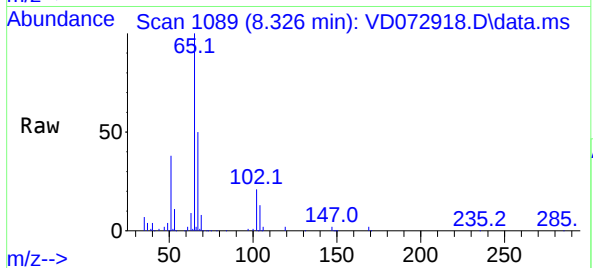




#33
1,2-Dichloroethane-d4
Concen: 45.437 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

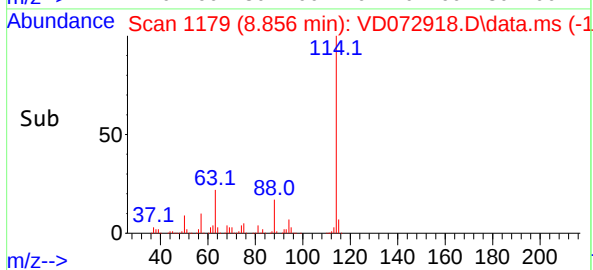
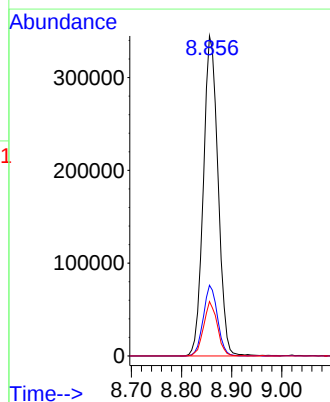
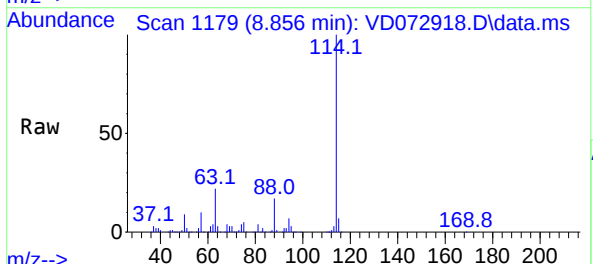
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

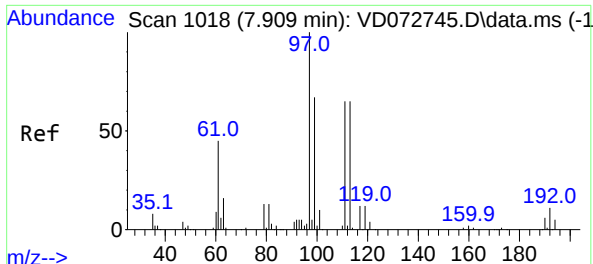
Tgt Ion: 65 Resp: 227247
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

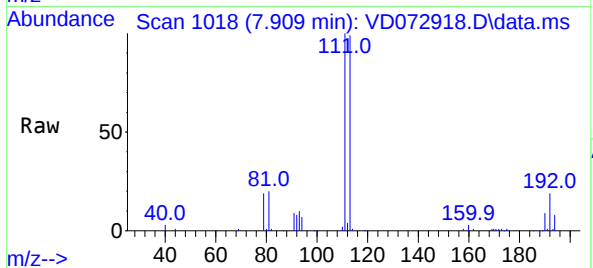
Tgt Ion: 114 Resp: 702905
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.6
88 17.0 0.0 33.2



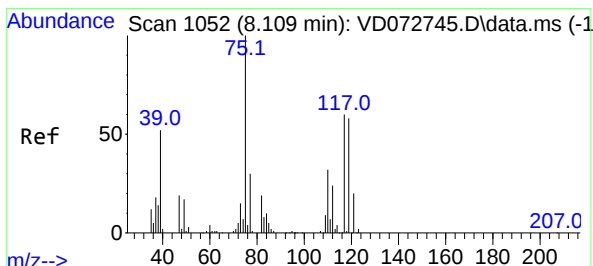
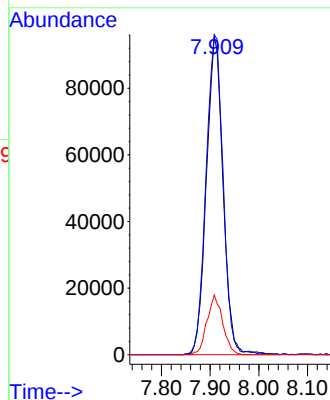
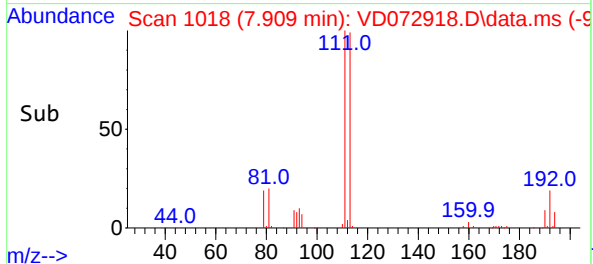


#35
Dibromofluoromethane
Concen: 45.740 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

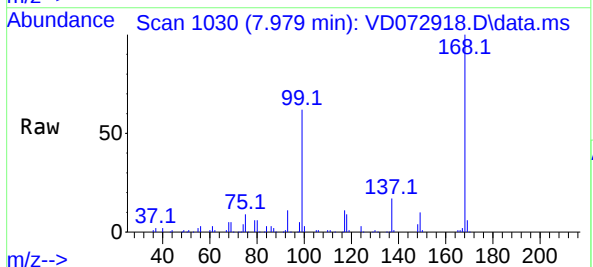
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MSVOA_D
ClientSampleId :
VNJ-210



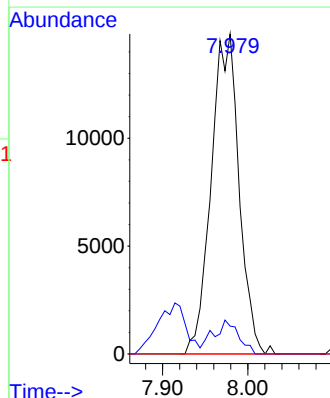
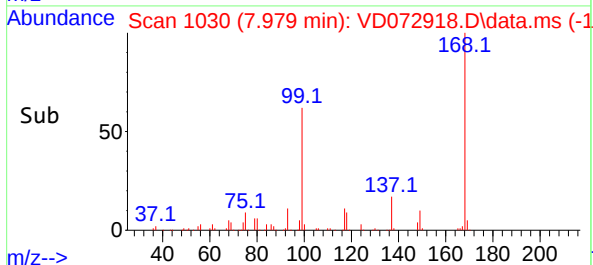
Tgt Ion:113 Resp: 225801
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.7 14.6 21.8

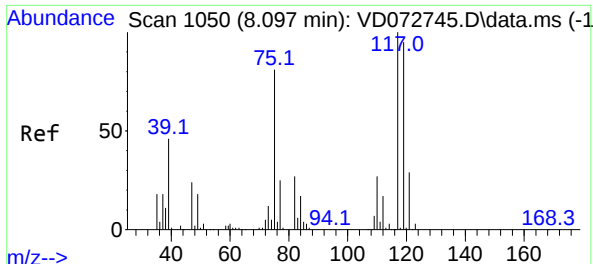


#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00



Tgt Ion: 75 Resp: 33740
Ion Ratio Lower Upper
75 100
110 9.4 16.4 49.1#
77 0.0 24.2 36.2#

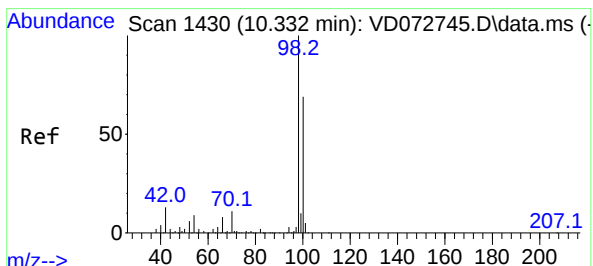
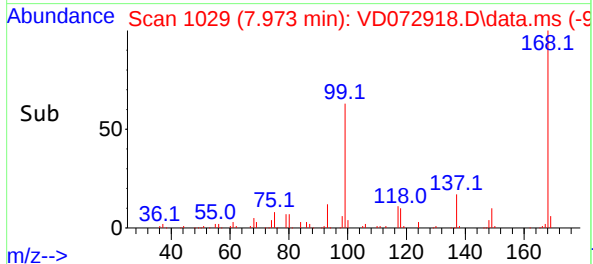
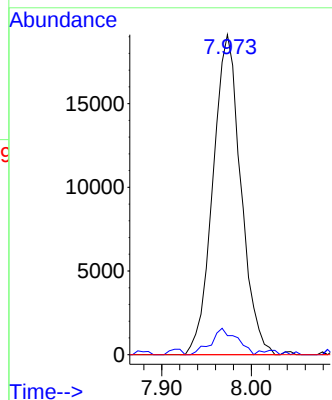
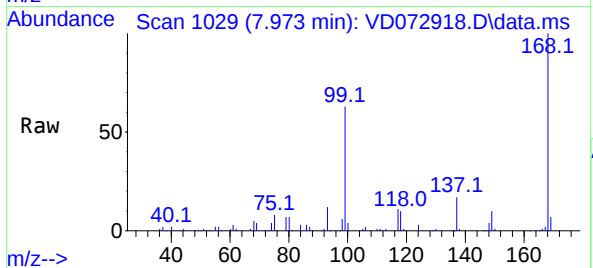




#38
Carbon Tetrachloride
Concen: 4.958 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

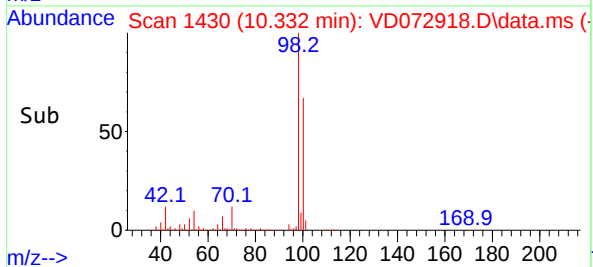
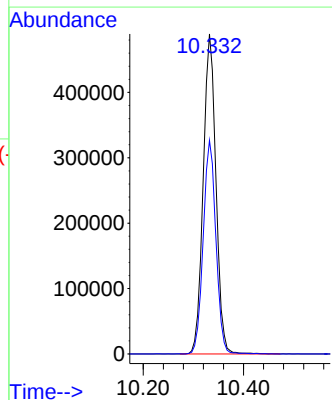
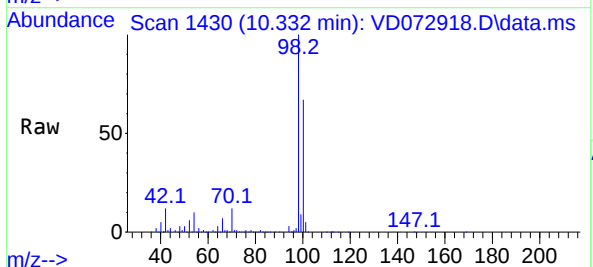
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

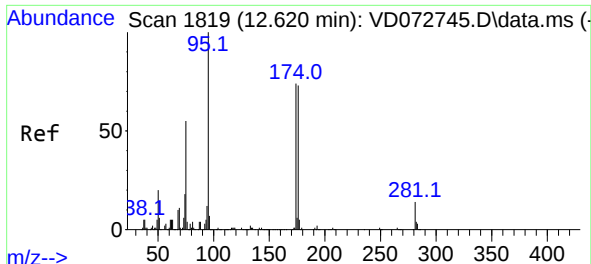
Tgt Ion:117 Resp: 41314
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.701 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

Tgt Ion: 98 Resp: 862400
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

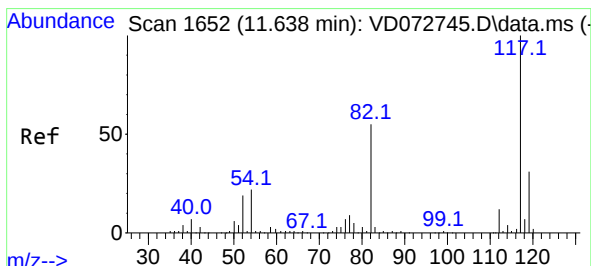
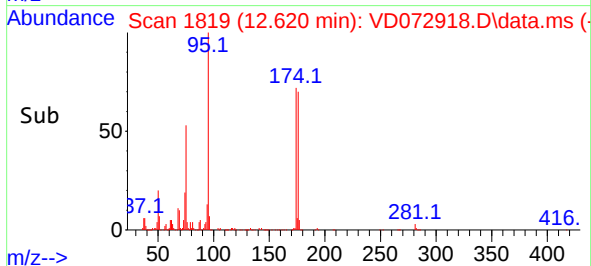
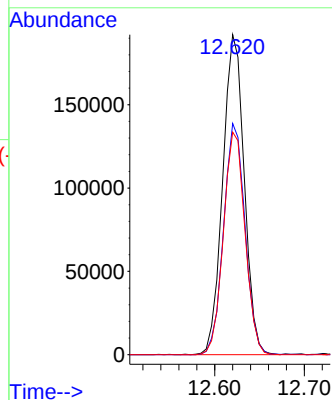
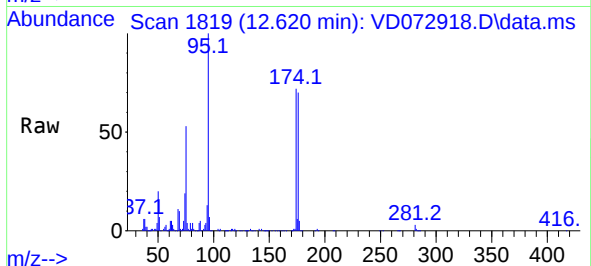




#62
4-Bromofluorobenzene
Concen: 48.367 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

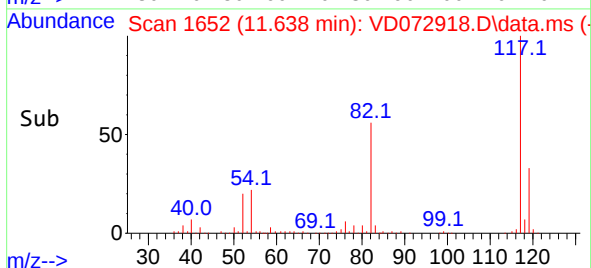
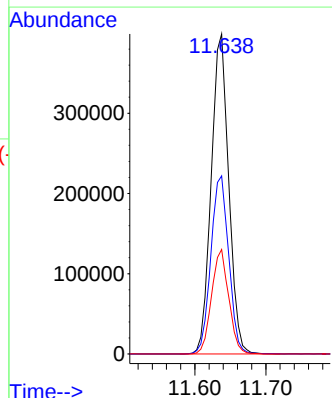
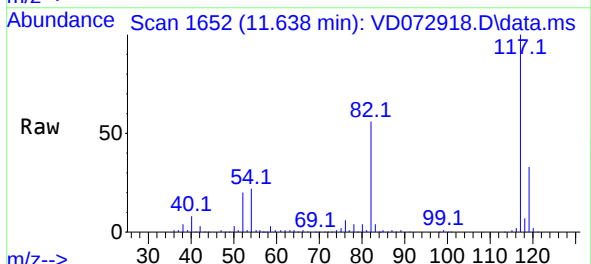
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

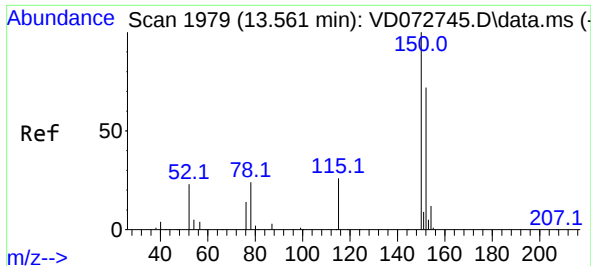
Tgt Ion: 95 Resp: 319358
Ion Ratio Lower Upper
95 100
174 71.9 0.0 152.8
176 69.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

Tgt Ion: 117 Resp: 681746
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.6 26.6 40.0

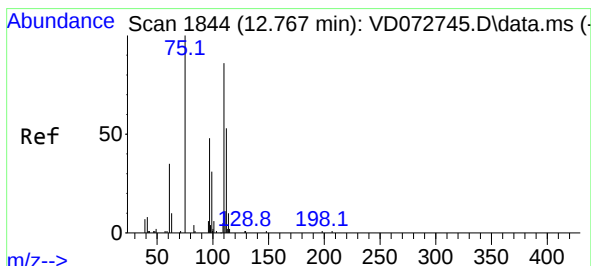
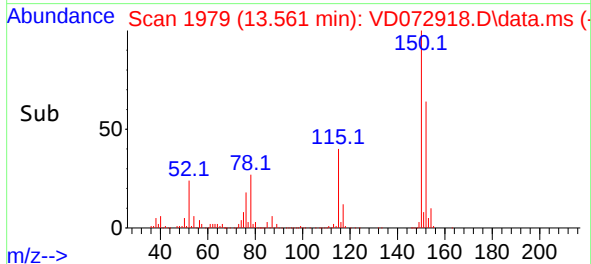
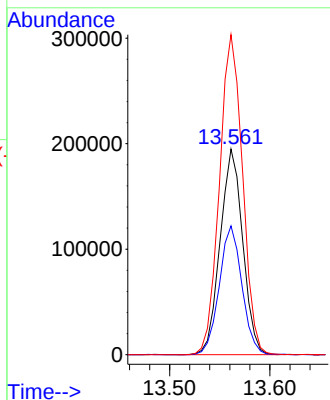
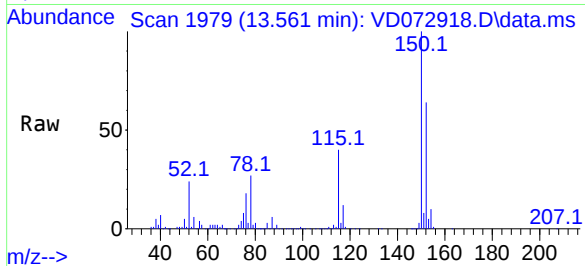




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

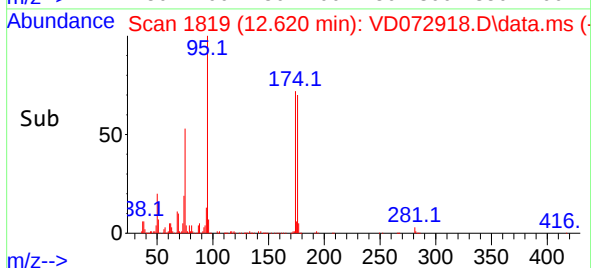
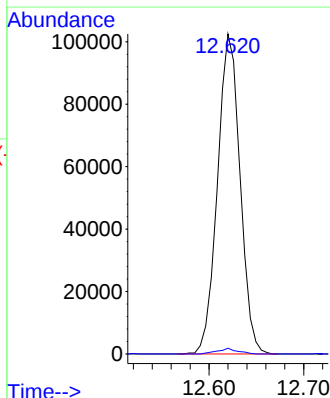
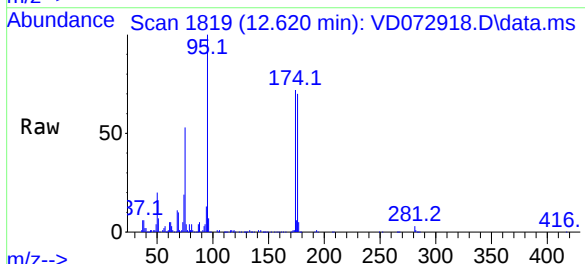
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

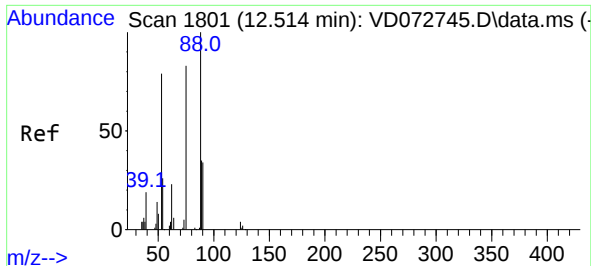
Tgt Ion:152 Resp: 304854
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 158.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 49.883 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

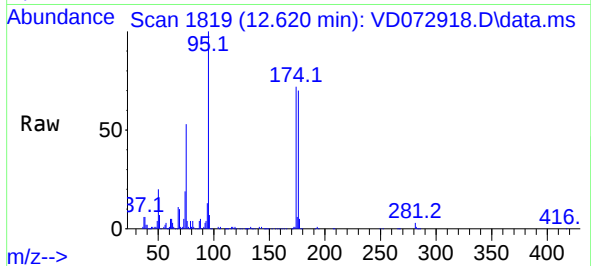
Tgt Ion: 75 Resp: 169568
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.710 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072918.D
Acq: 10 May 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :
VNJ-210



Tgt Ion: 75 Resp: 169568
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#

