

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072919.D
 Acq On : 10 May 2022 17:28
 Operator : VA/SY
 Sample : N2755-04
 Misc : 4.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221

Quant Time: May 11 05:53:02 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)

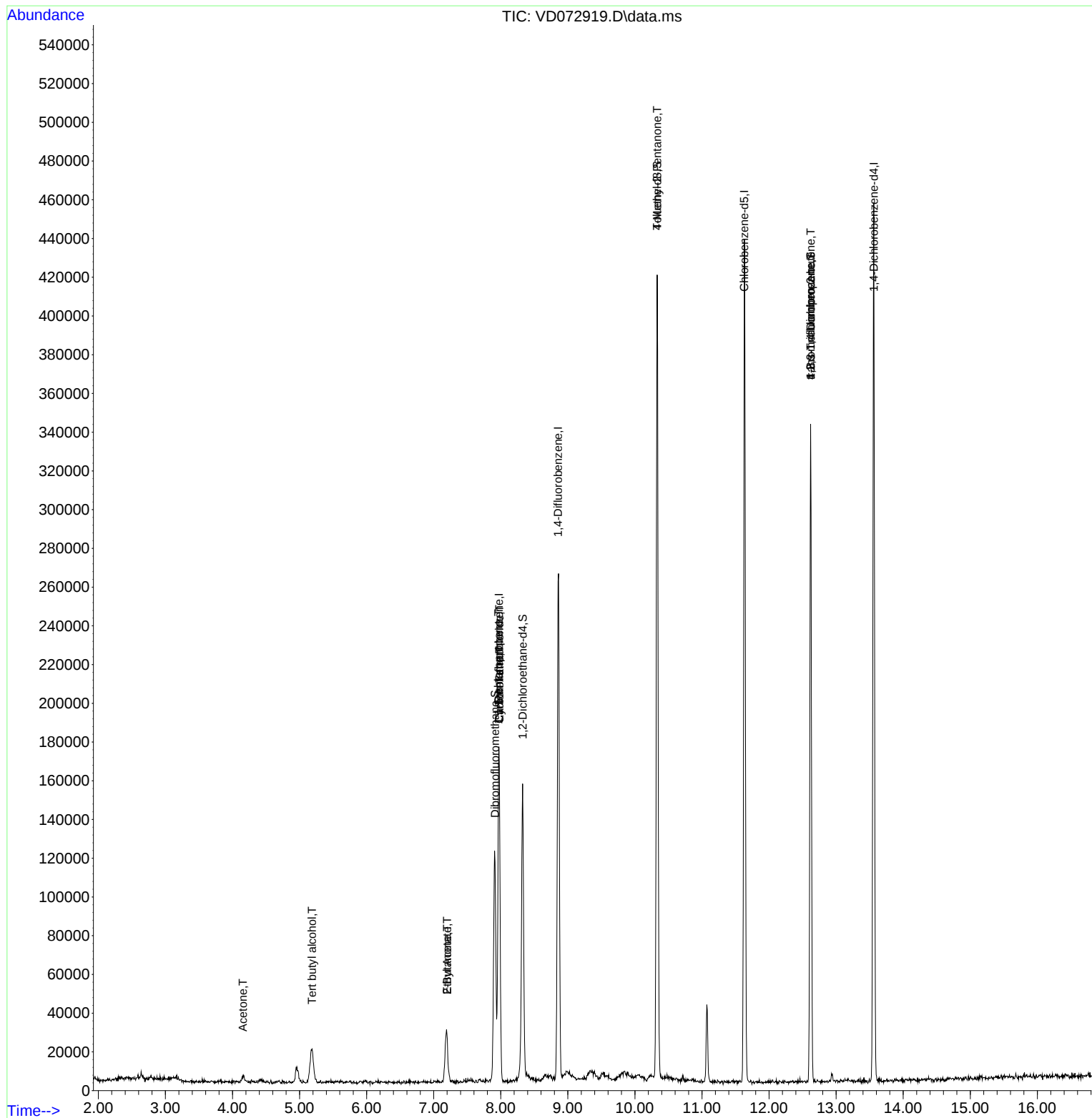
Internal Standards						
1) Pentafluorobenzene	7.973	168	122220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	221022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	244201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	115399	72.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.480%	
35) Dibromofluoromethane	7.914	113	88359	56.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.332	98	278995	50.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.620	95	113653	54.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1017	Below Cal	#	65
11) Tert butyl alcohol	5.185	59	16721	121.814	ug/l #	74
16) Acetone	4.156	43	5790	5.884	ug/l	95
18) Methyl Acetate	4.632	43	66	Below Cal	#	55
20) Methylene Chloride	4.956	84	6357	Below Cal	#	74
25) 2-Butanone	7.203	43	2059	4.454	ug/l #	52
31) Cyclohexane	7.979	56	3134	1.130	ug/l #	10
36) 1,1-Dichloropropene	7.967	75	11457	4.539	ug/l #	52
37) Ethyl Acetate	7.203	43	2059	1.775	ug/l #	1
38) Carbon Tetrachloride	7.979	117	13231	5.050	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	1318	1.184	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	59534	45.595	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	59534	104.850	ug/l #	7

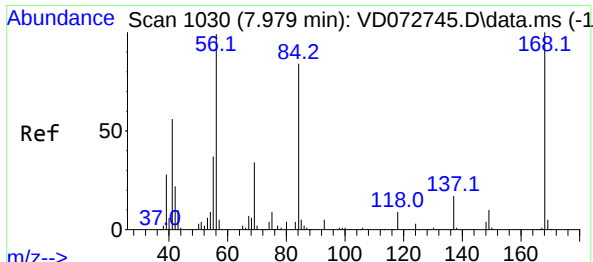
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
Data File : VD072919.D
Acq On : 10 May 2022 17:28
Operator : VA/SY
Sample : N2755-04
Misc : 4.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

Quant Time: May 11 05:53:02 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





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

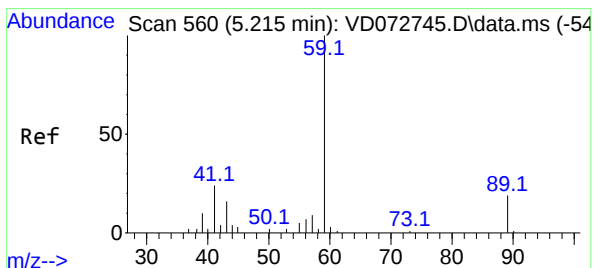
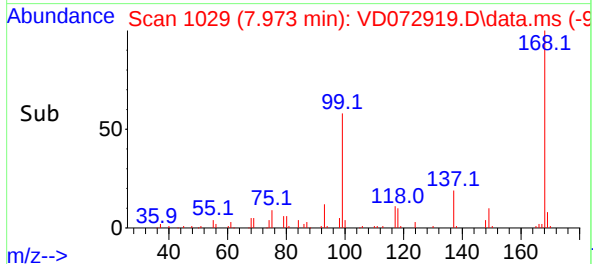
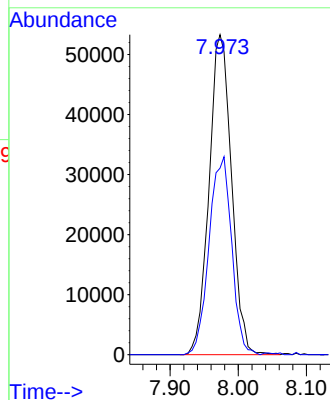
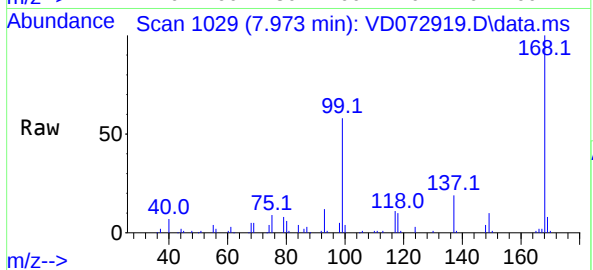
VNJ-221

Tgt Ion:168 Resp: 122220

Ion Ratio Lower Upper

168 100

99 58.3 49.8 74.6



#11

Tert butyl alcohol

Concen: 121.814 ug/l

RT: 5.185 min Scan# 555

Delta R.T. -0.030 min

Lab File: VD072919.D

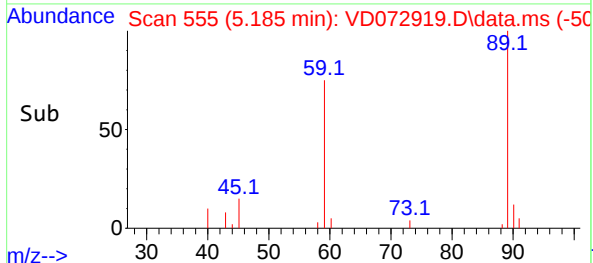
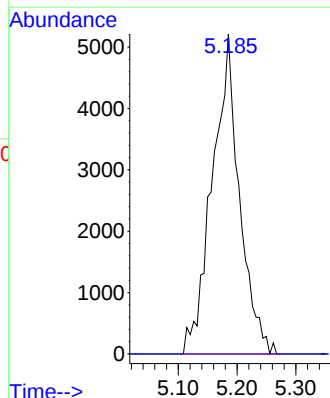
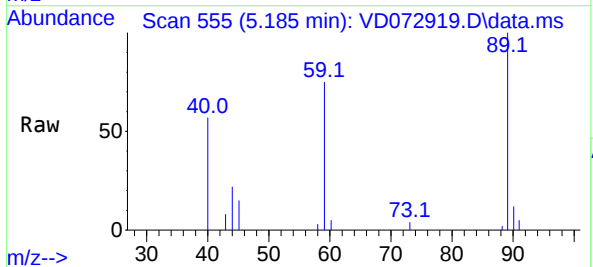
Acq: 10 May 2022 17:28

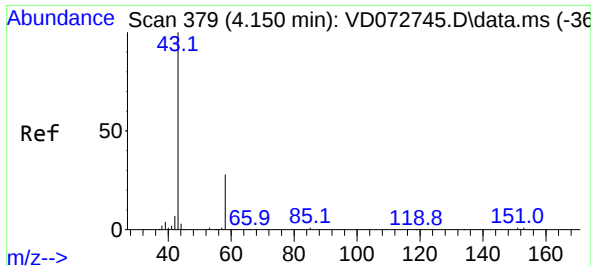
Tgt Ion: 59 Resp: 16721

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

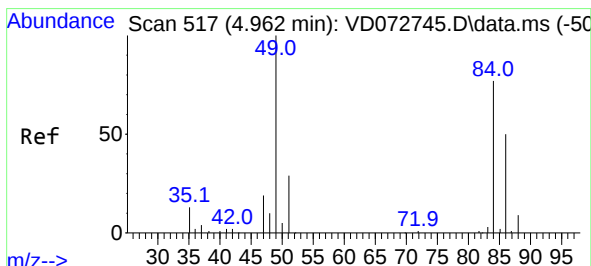
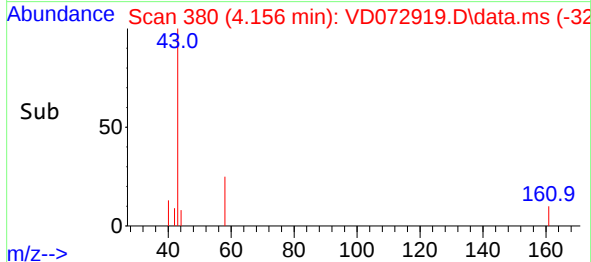
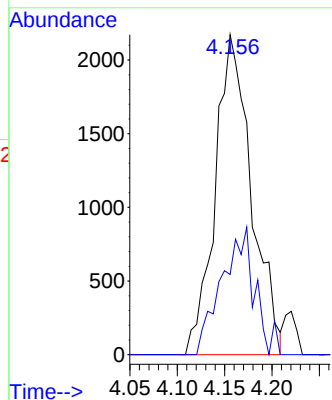
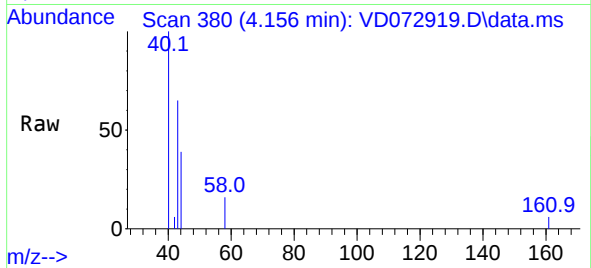




#16
Acetone
Concen: 5.884 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

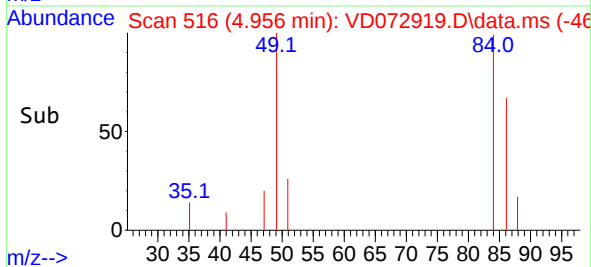
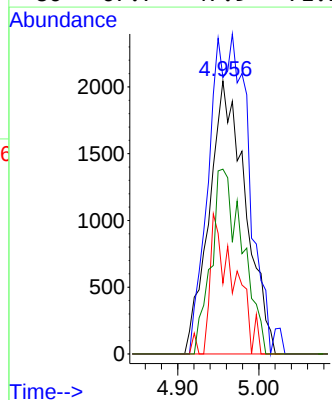
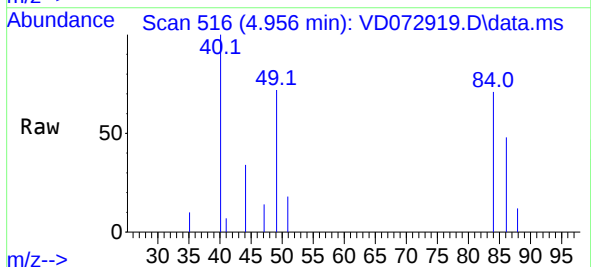
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

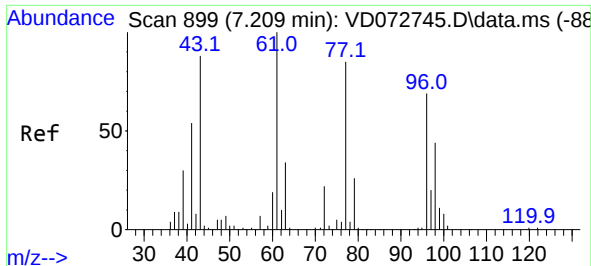
Tgt Ion: 43 Resp: 5790
Ion Ratio Lower Upper
43 100
58 25.0 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 84 Resp: 6357
Ion Ratio Lower Upper
84 100
49 101.3 112.8 169.2#
51 25.9 32.6 48.8#
86 67.7 47.9 71.9

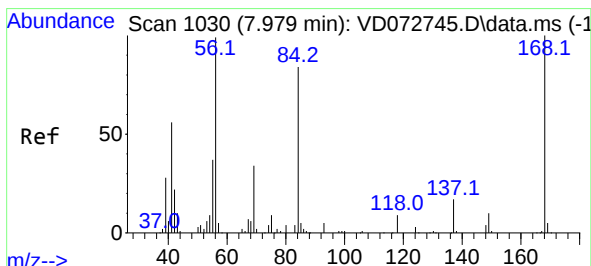
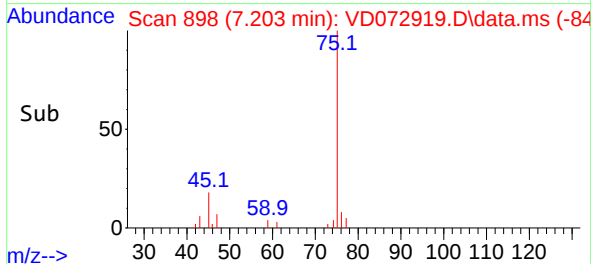
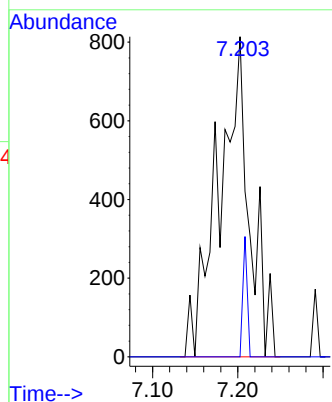
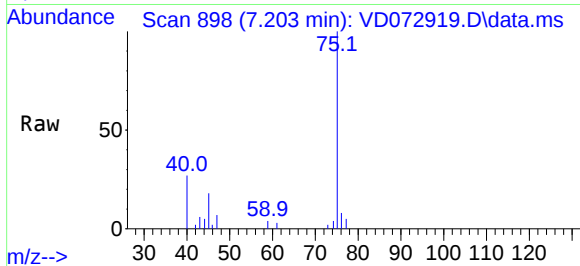




#25
2-Butanone
Concen: 4.454 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

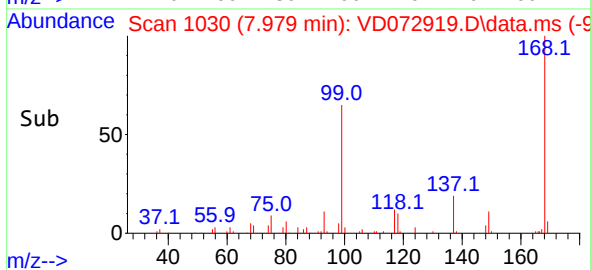
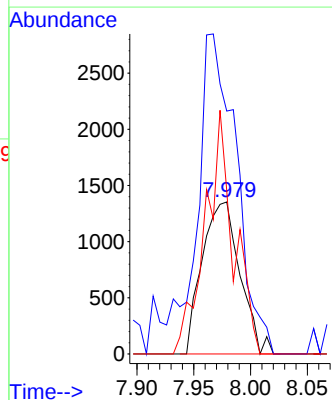
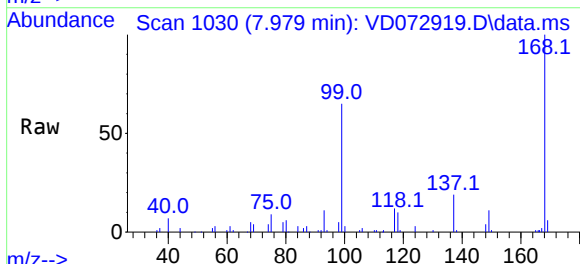
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

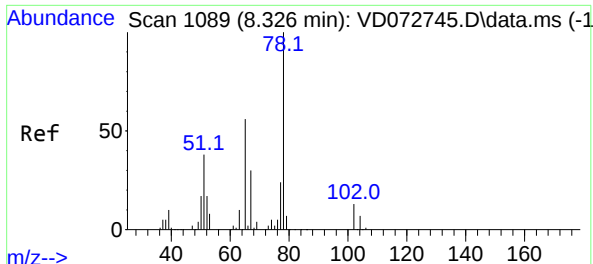
Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 56 Resp: 3134
Ion Ratio Lower Upper
56 100
69 159.8 25.4 38.2#
84 107.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 72.738 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

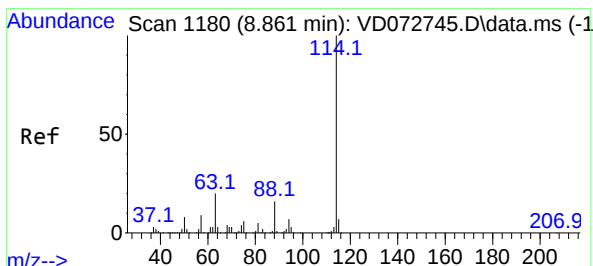
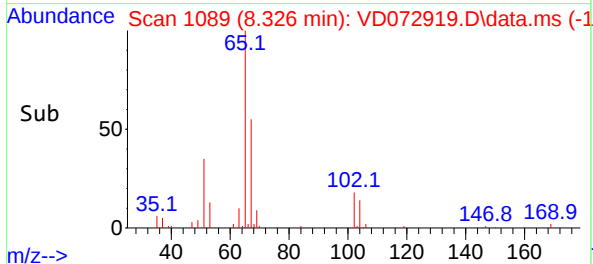
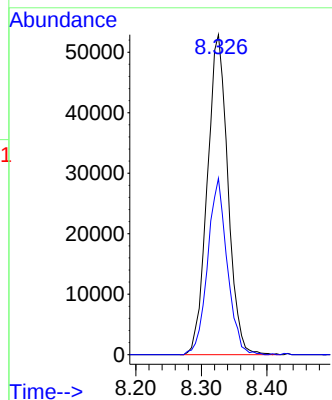
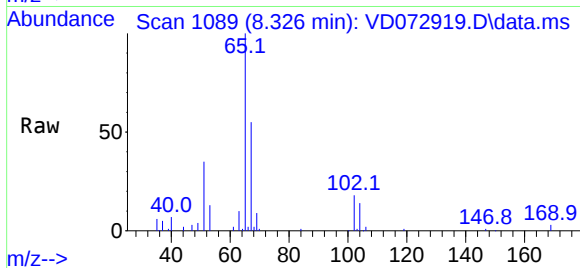
VNJ-221

Tgt Ion: 65 Resp: 115399

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

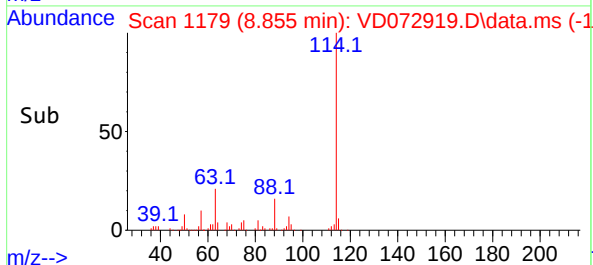
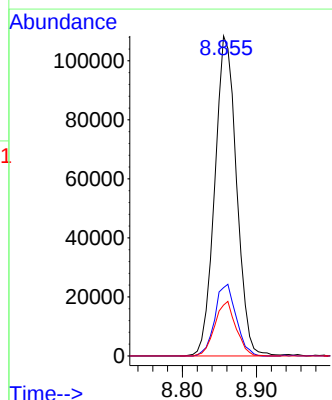
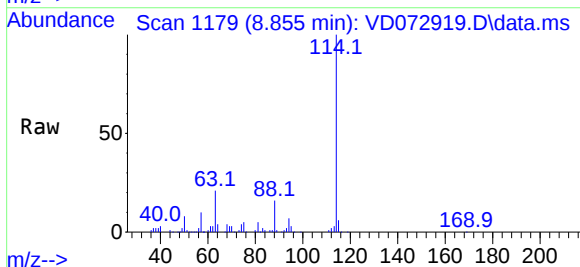
Tgt Ion: 114 Resp: 221022

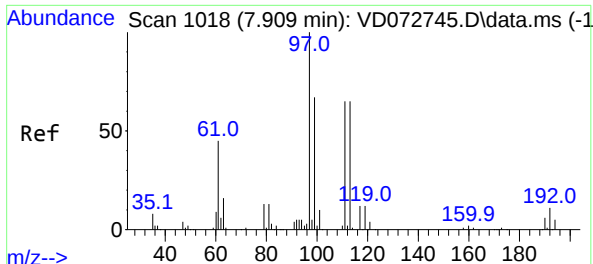
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.9 0.0 33.2

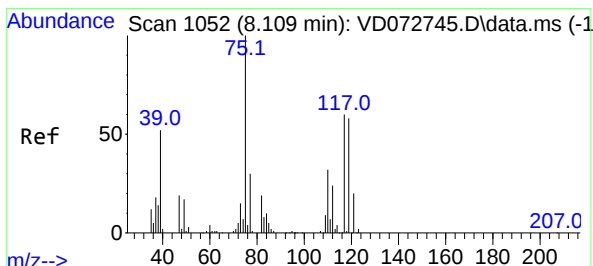
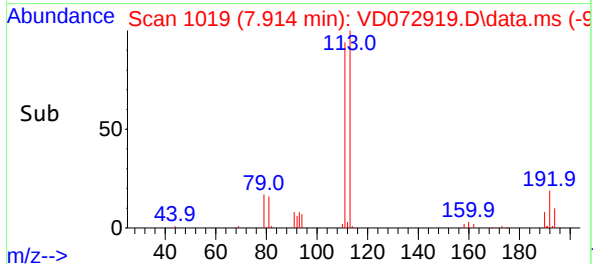
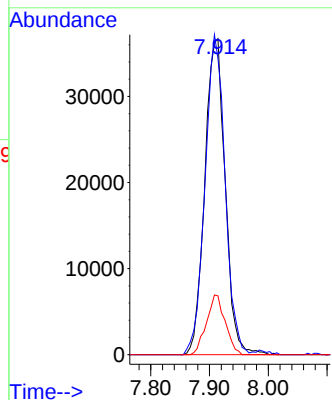
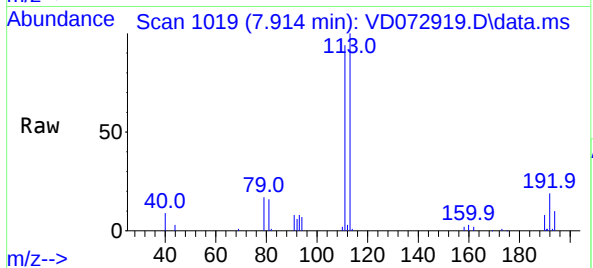




#35
Dibromofluoromethane
Concen: 56.923 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

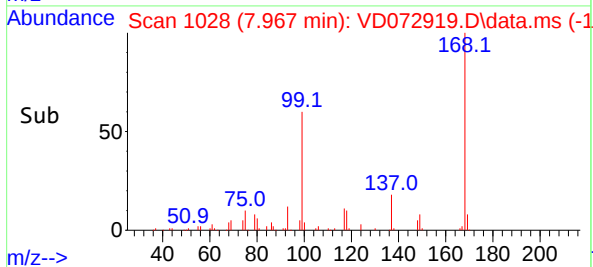
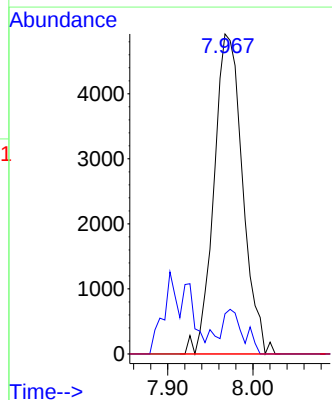
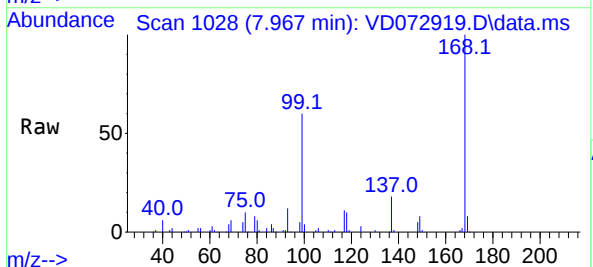
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

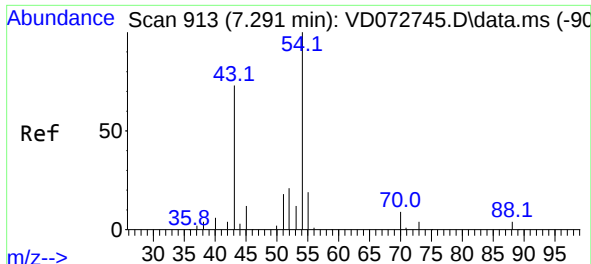
Tgt Ion:113 Resp: 88359
Ion Ratio Lower Upper
113 100
111 99.6 83.8 125.6
192 17.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.142 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 75 Resp: 11457
Ion Ratio Lower Upper
75 100
110 10.1 16.4 49.1#
77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.775 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.088 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-221

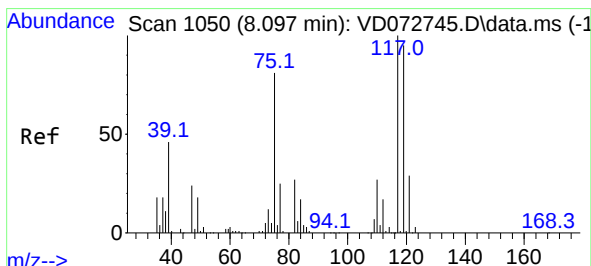
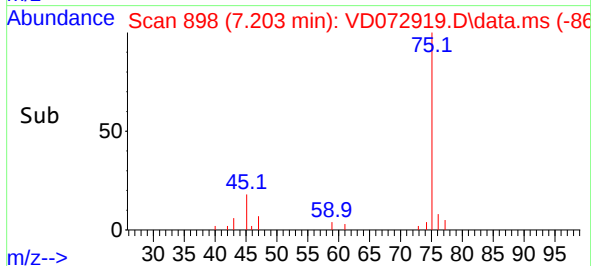
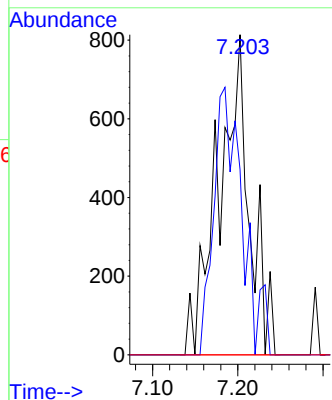
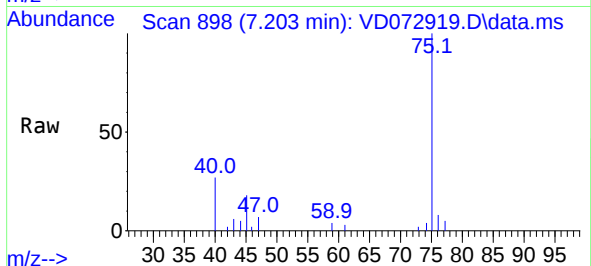
Tgt Ion: 43 Resp: 2059

Ion Ratio Lower Upper

43 100

61 77.6 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.050 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

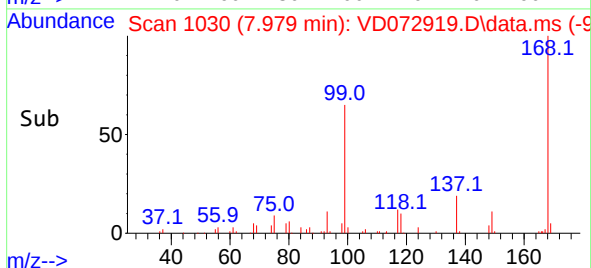
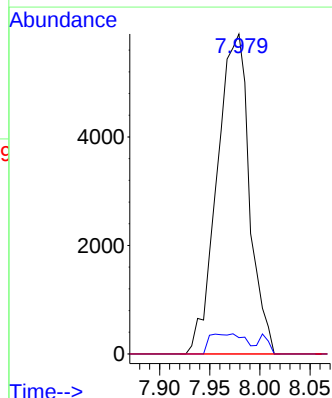
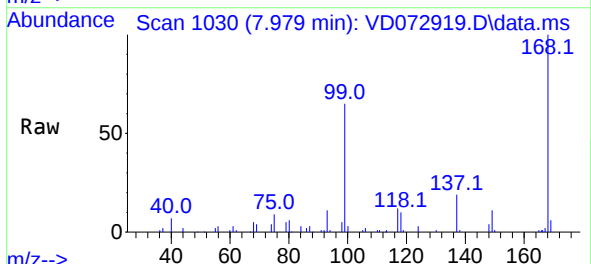
Tgt Ion: 117 Resp: 13231

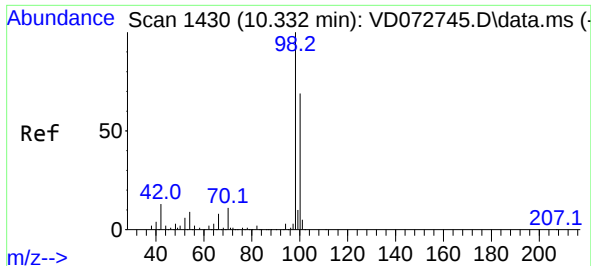
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.5 36.7#

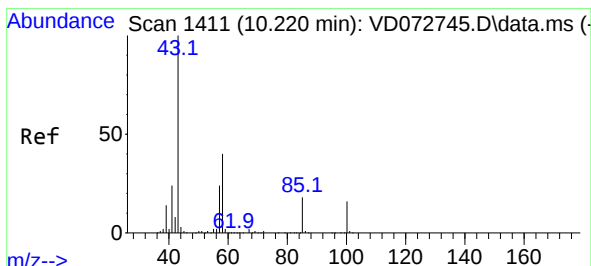
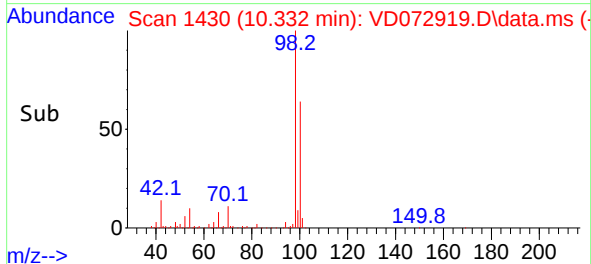
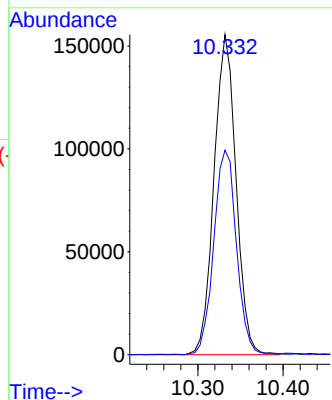
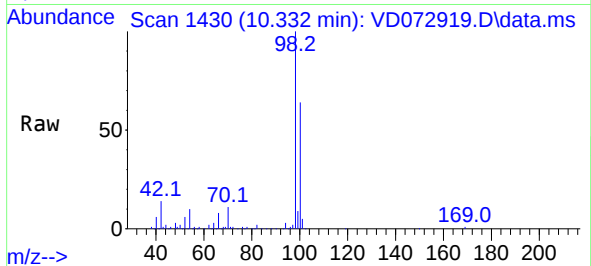




#50
Toluene-d8
Concen: 50.106 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

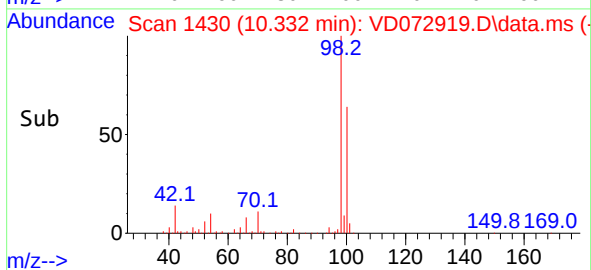
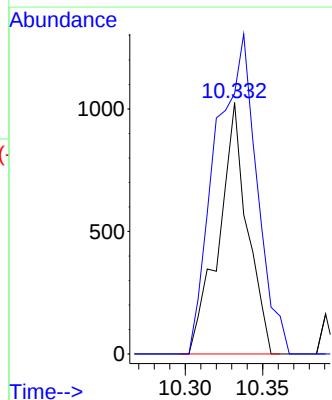
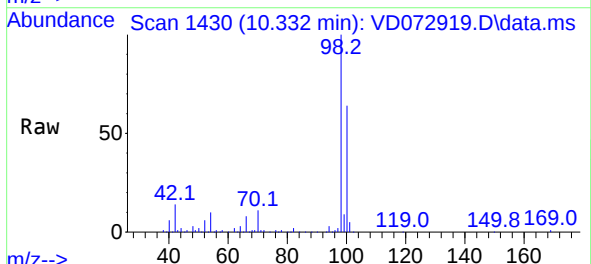
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

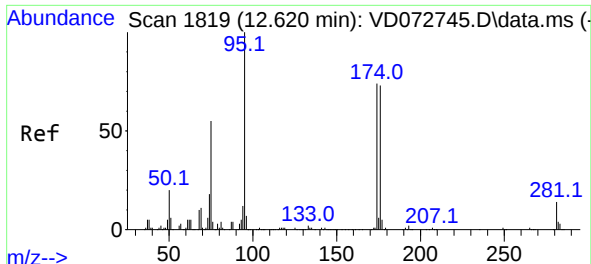
Tgt Ion: 98 Resp: 278995
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.184 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 183.4 28.6 43.0#

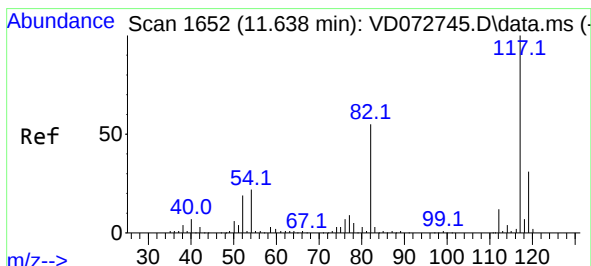
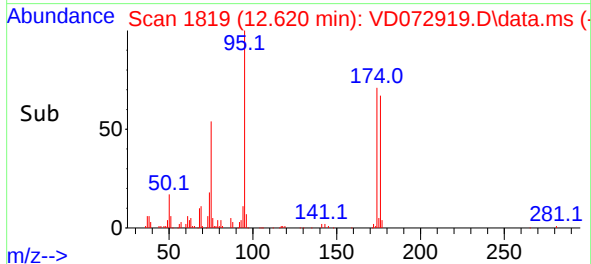
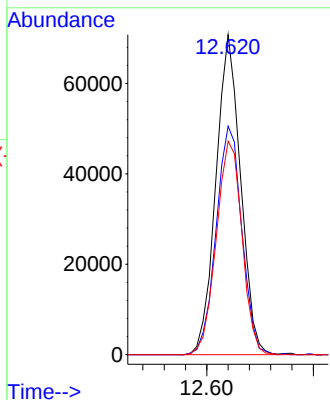
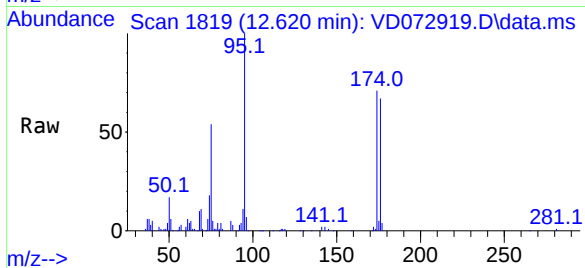




#62
4-Bromofluorobenzene
Concen: 54.741 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

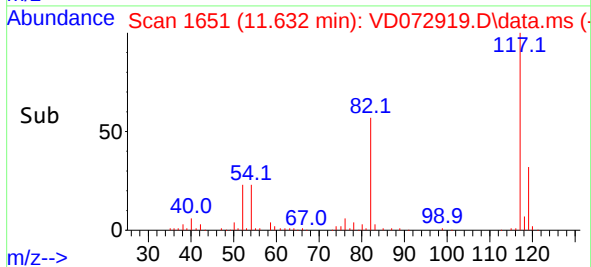
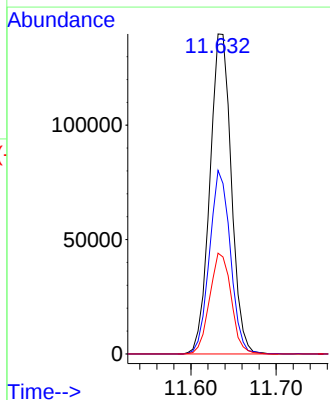
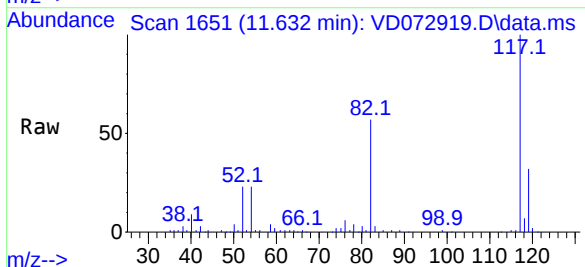
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

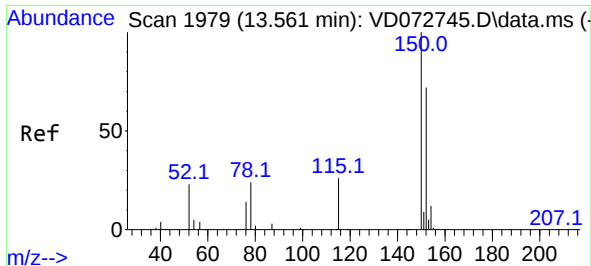
Tgt Ion: 95 Resp: 113653
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 69.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 117 Resp: 244201
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 31.5 26.6 40.0

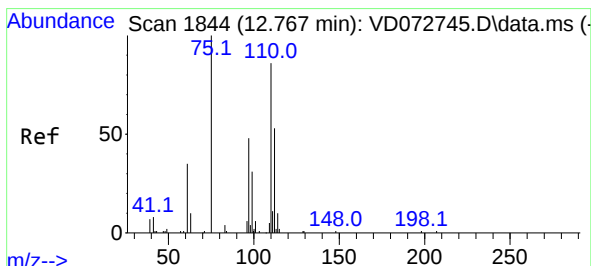
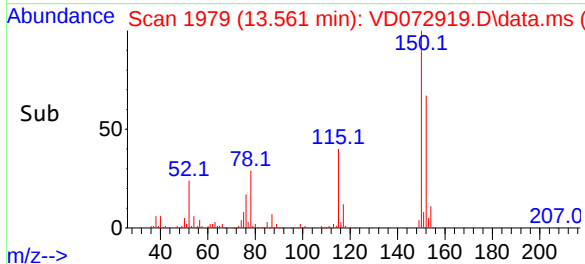
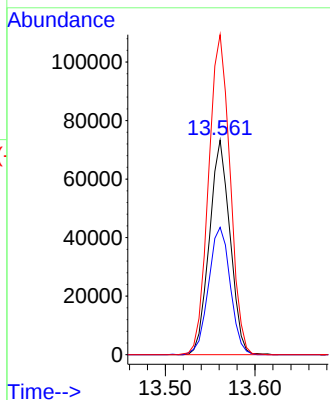
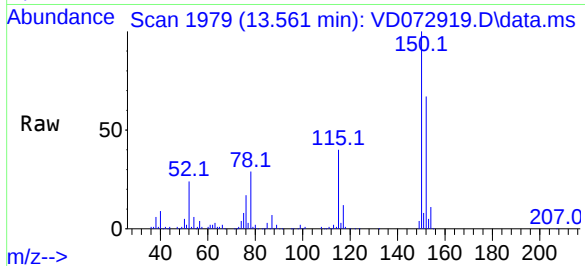




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

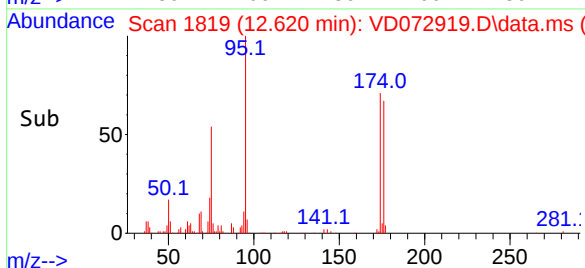
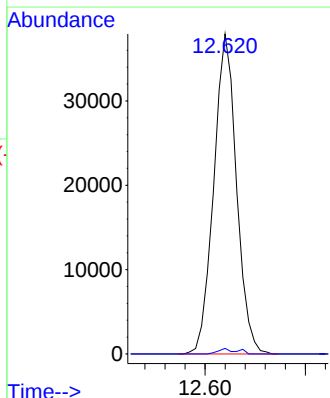
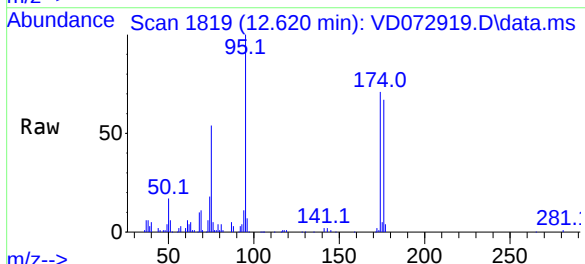
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

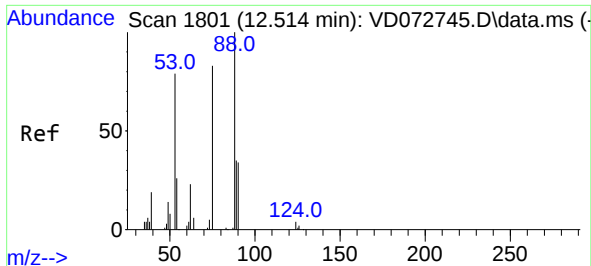
Tgt Ion:152 Resp: 117097
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 155.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.595 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 75 Resp: 59534
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.850 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072919.D
 Acq: 10 May 2022 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221

Tgt Ion: 75 Resp: 59534
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

