

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071918.D
 Acq On : 08 Feb 2022 15:20
 Operator : VA/SY
 Sample : N1424-03
 Misc : 6.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Feb 09 03:51:53 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)

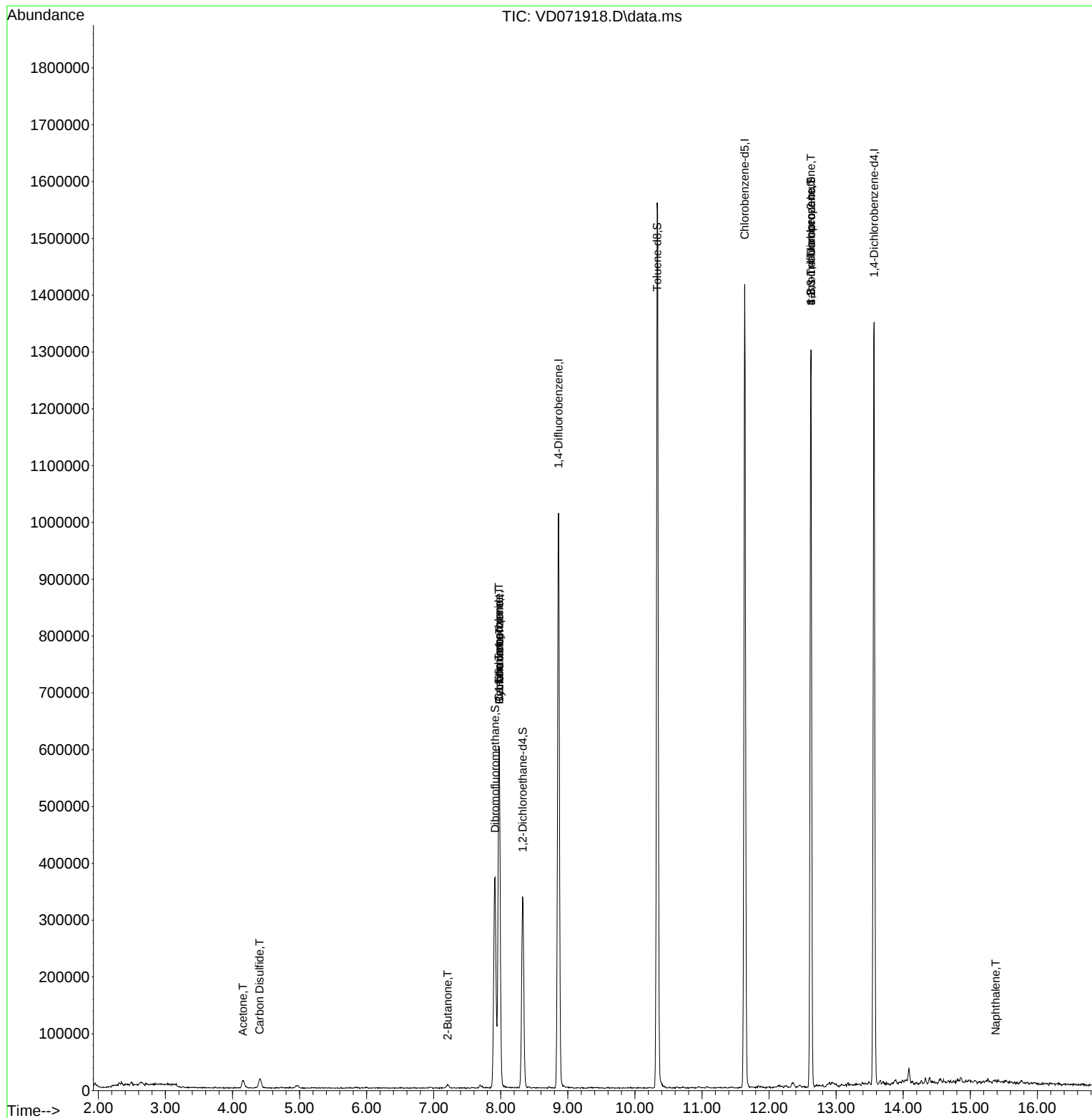
Internal Standards						
1) Pentafluorobenzene	7.979	168	422027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	799802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	755475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268778	50.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.914	113	267591	50.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.332	98	1031814	52.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.626	95	342130	49.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.232	59	189	Below Cal	#	74
16) Acetone	4.156	43	23371	16.005	ug/l #	89
17) Carbon Disulfide	4.403	76	34924	2.160	ug/l	96
20) Methylene Chloride	4.967	84	3502	Below Cal	#	76
25) 2-Butanone	7.208	43	2927	1.719	ug/l	93
31) Cyclohexane	7.979	56	12000	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	40588	4.498	ug/l #	52
38) Carbon Tetrachloride	7.973	117	46204	5.178	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	191756	53.723	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	191756	132.093	ug/l #	7
95) Naphthalene	15.379	128	3311	1.727	ug/l #	96

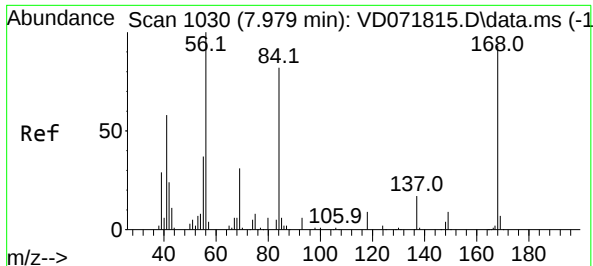
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
Data File : VD071918.D
Acq On : 08 Feb 2022 15:20
Operator : VA/SY
Sample : N1424-03
Misc : 6.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

Quant Time: Feb 09 03:51:53 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

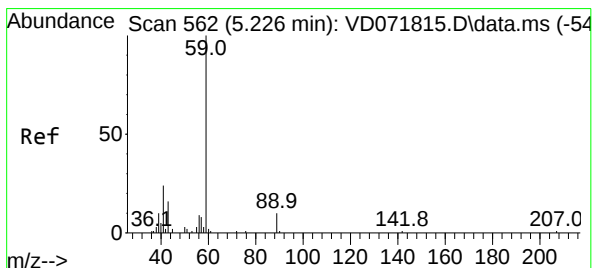
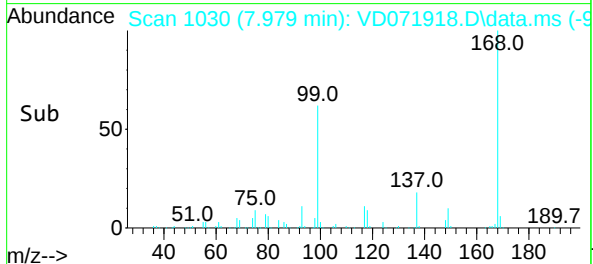
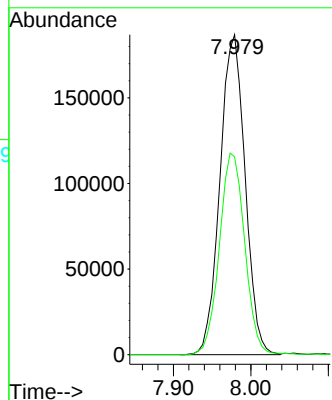
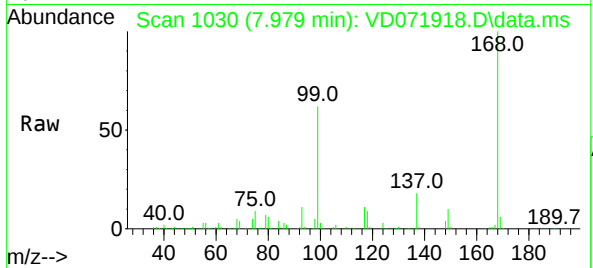




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

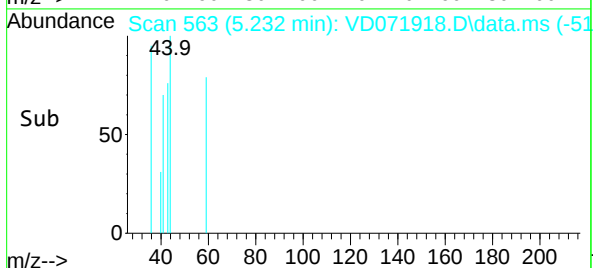
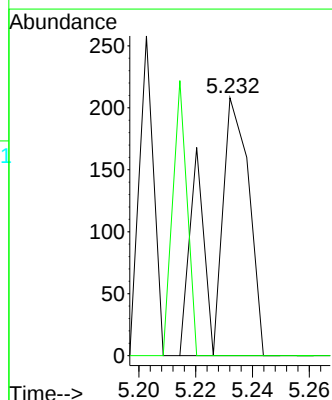
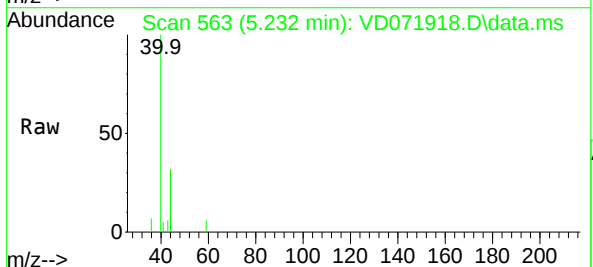
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

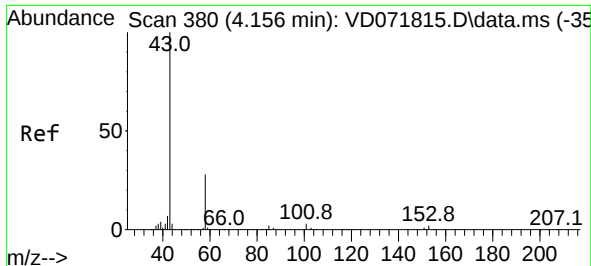
Tgt Ion:168 Resp: 422027
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

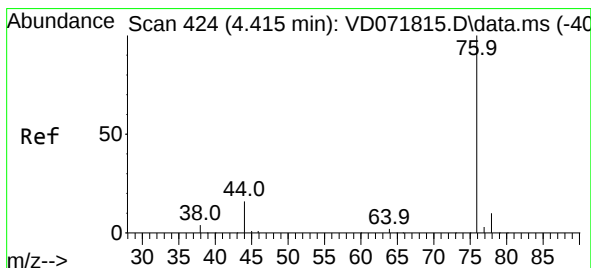
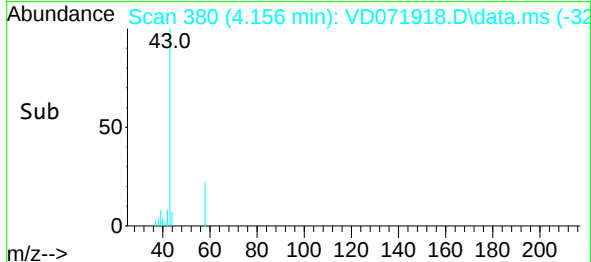
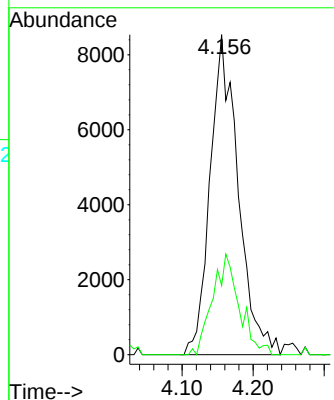
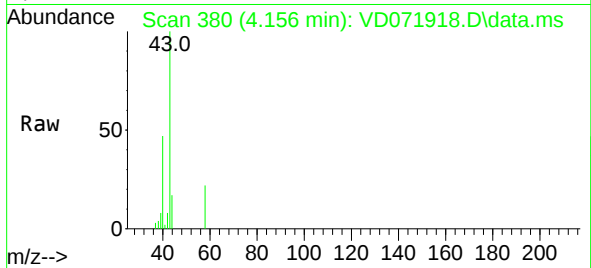




#16
Acetone
Concen: 16.005 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

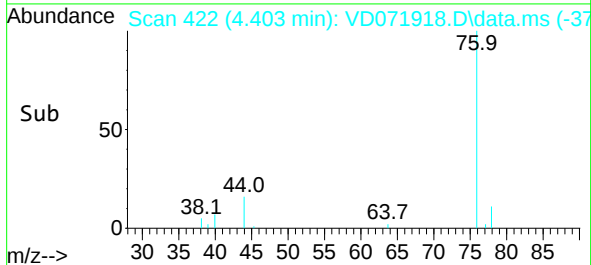
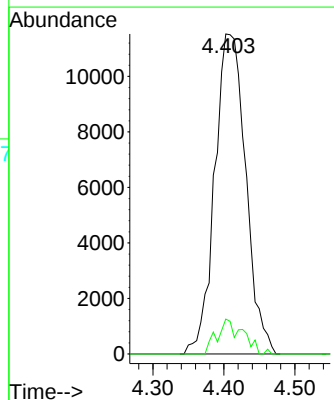
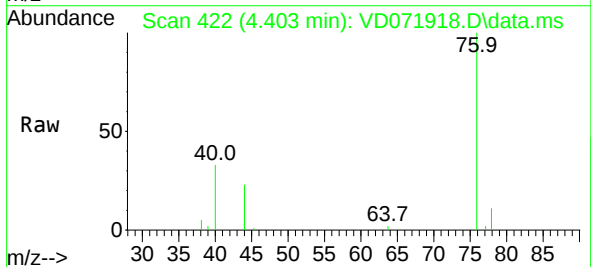
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

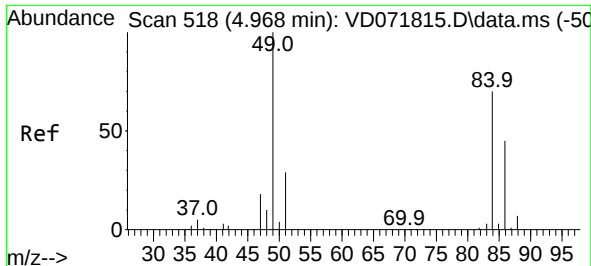
Tgt Ion: 43 Resp: 23371
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.160 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.012 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

Tgt Ion: 76 Resp: 34924
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3

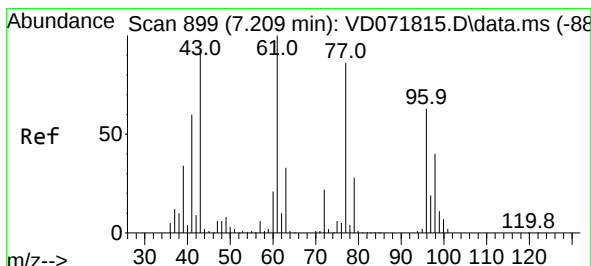
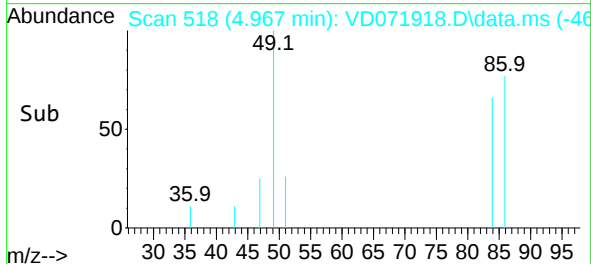
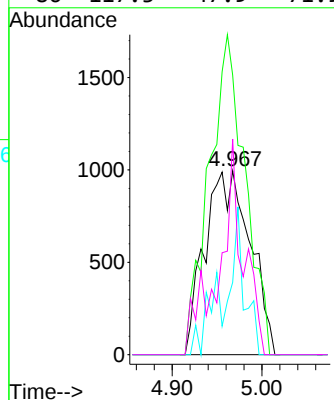
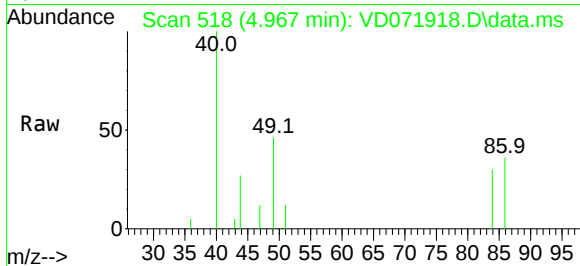




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

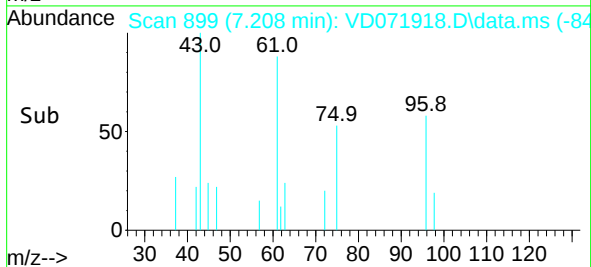
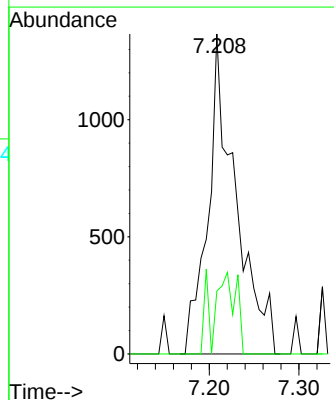
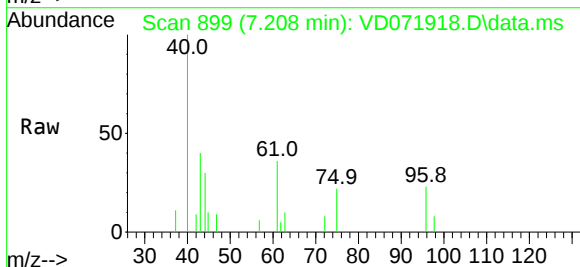
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

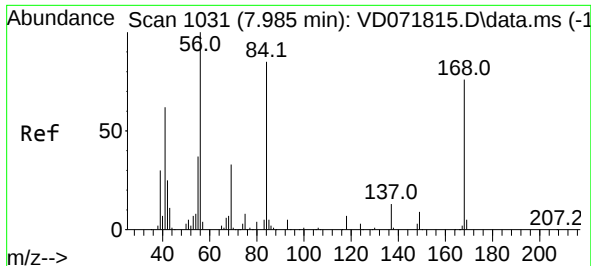
Tgt Ion:	84	Resp:	3502
Ion	Ratio	Lower	Upper
84	100		
49	152.1	112.8	169.2
51	39.3	32.6	48.8
86	117.3	47.9	71.9



#25
2-Butanone
Concen: 1.719 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

Tgt Ion:	43	Resp:	2927
Ion	Ratio	Lower	Upper
43	100		
72	19.7	18.6	27.8





#31

Cyclohexane

Concen: 1.178 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071918.D

Acq: 08 Feb 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

BLIND-DUPLICATE

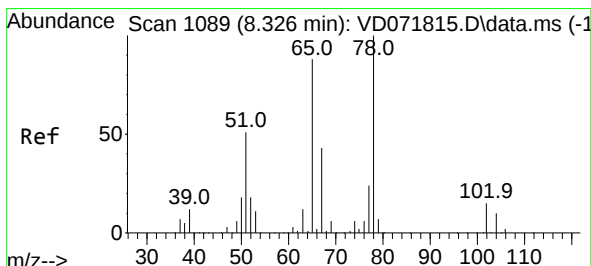
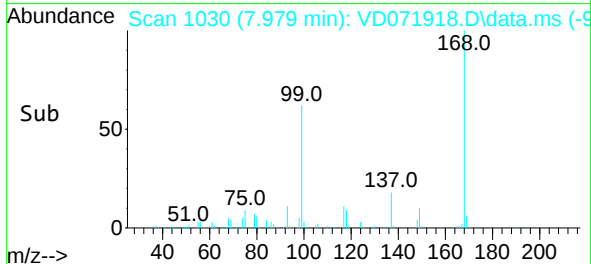
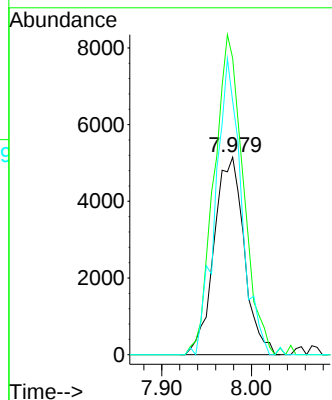
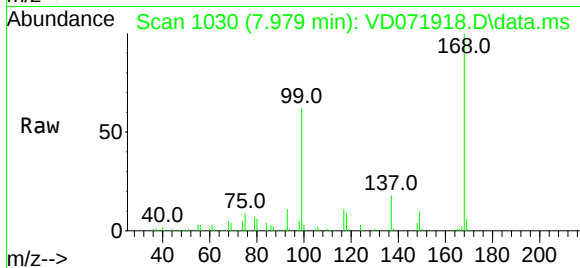
Tgt Ion: 56 Resp: 12000

Ion Ratio Lower Upper

56 100

69 150.1 25.4 38.2#

84 128.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071918.D

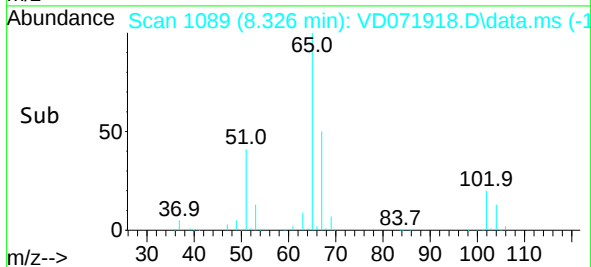
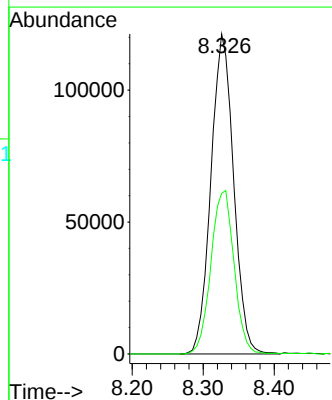
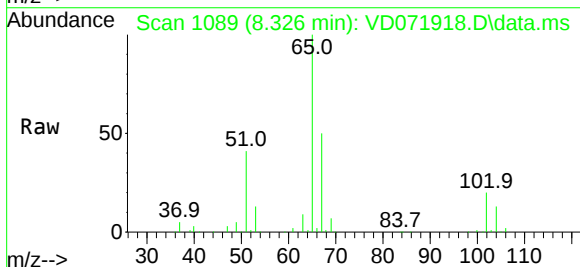
Acq: 08 Feb 2022 15:20

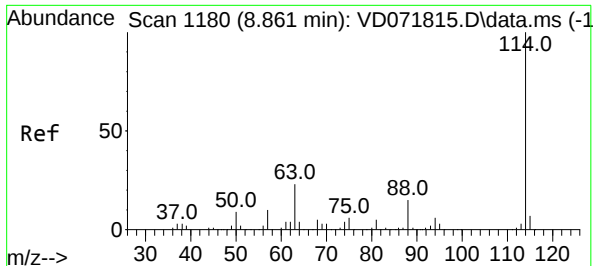
Tgt Ion: 65 Resp: 268778

Ion Ratio Lower Upper

65 100

67 52.1 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: VD071918.D

Acq: 08 Feb 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

BLIND-DUPLICATE

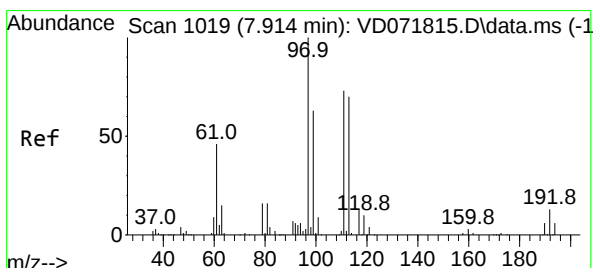
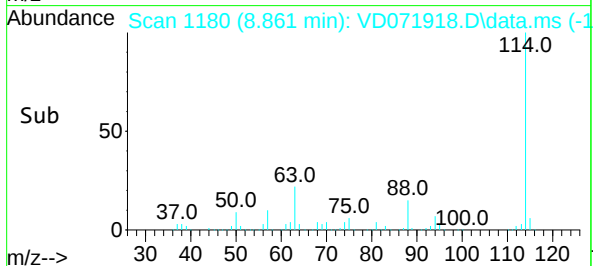
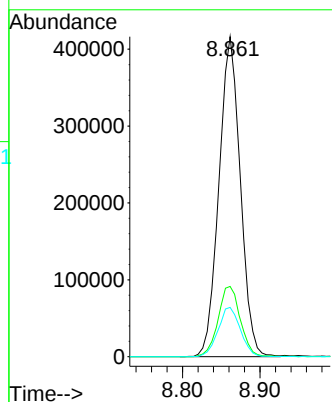
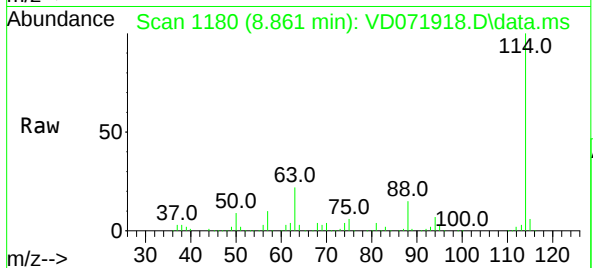
Tgt Ion:114 Resp: 799802

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.899 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071918.D

Acq: 08 Feb 2022 15:20

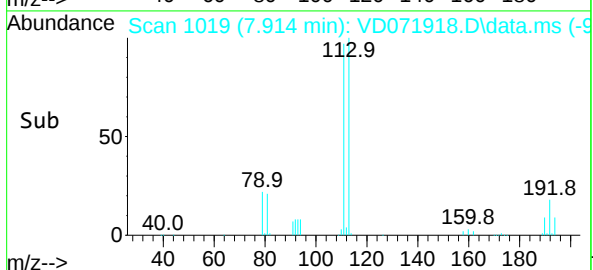
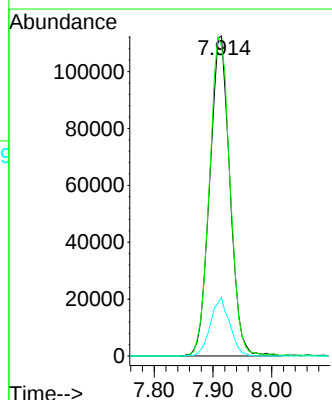
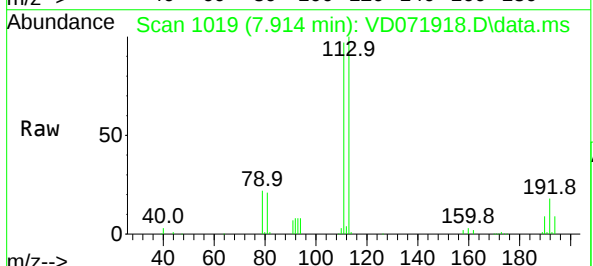
Tgt Ion:113 Resp: 267591

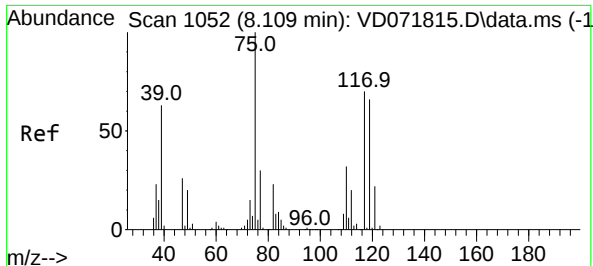
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.498 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071918.D

Acq: 08 Feb 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

BLIND-DUPLICATE

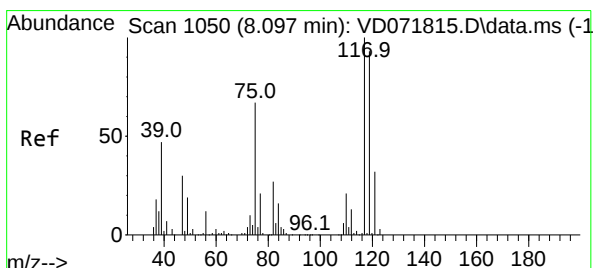
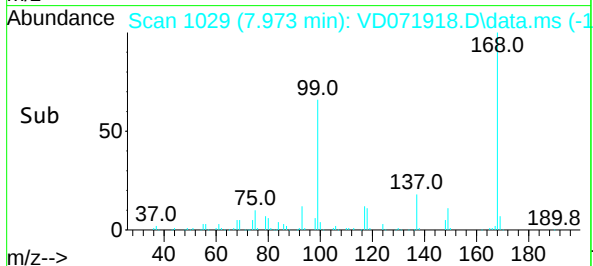
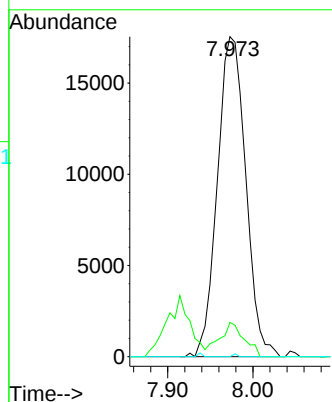
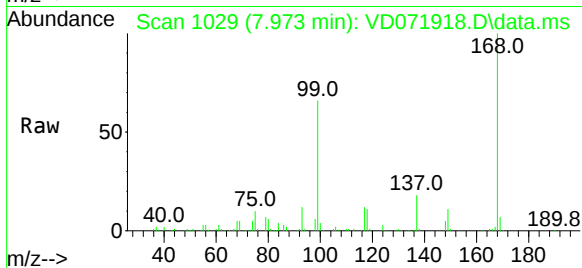
Tgt Ion: 75 Resp: 40588

Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

77 0.1 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.178 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071918.D

Acq: 08 Feb 2022 15:20

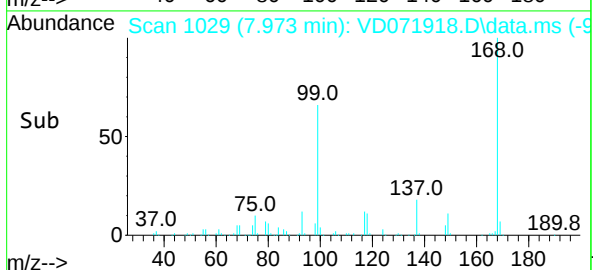
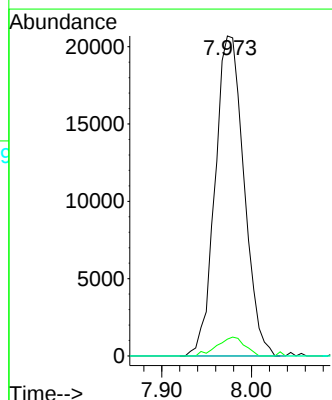
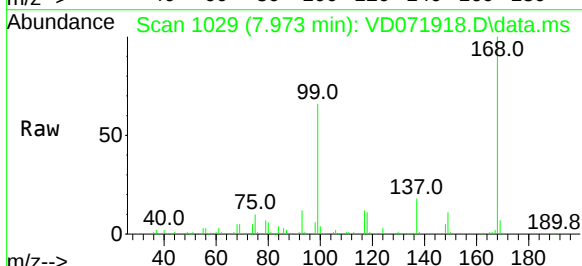
Tgt Ion: 117 Resp: 46204

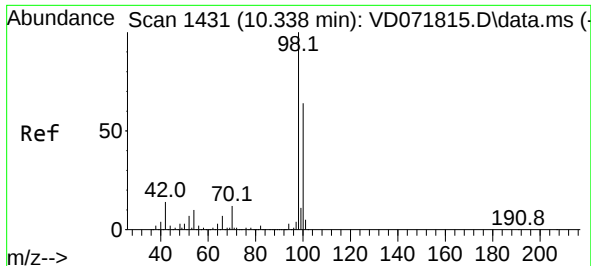
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.5 36.7#

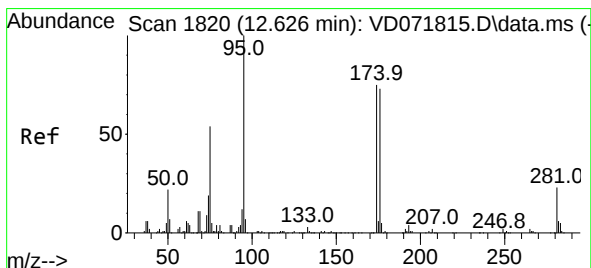
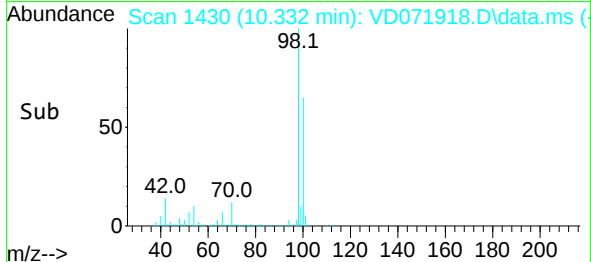
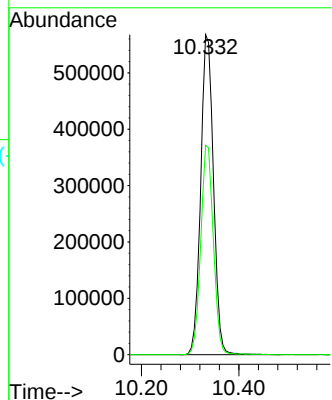
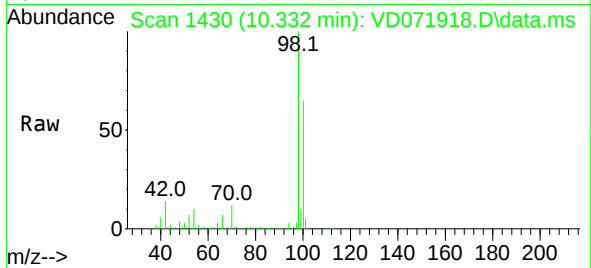




#50
Toluene-d8
Concen: 52.551 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

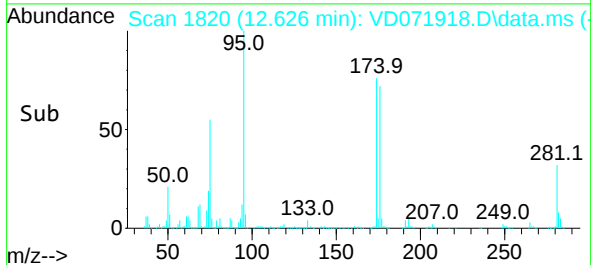
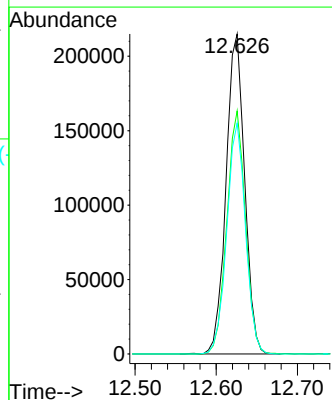
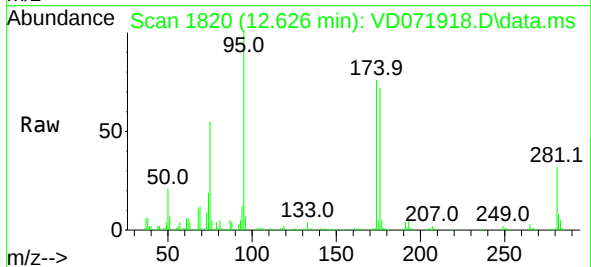
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

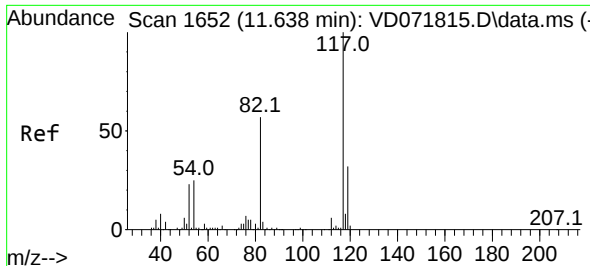
Tgt Ion: 98 Resp: 1031814
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.898 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

Tgt Ion: 95 Resp: 342130
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.4 0.0 145.4

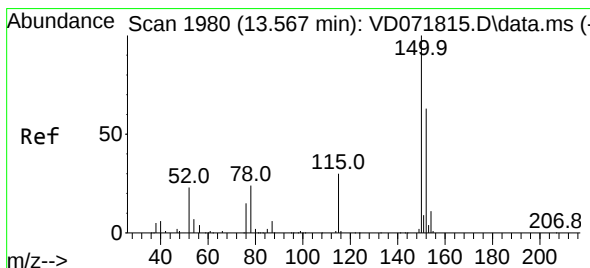
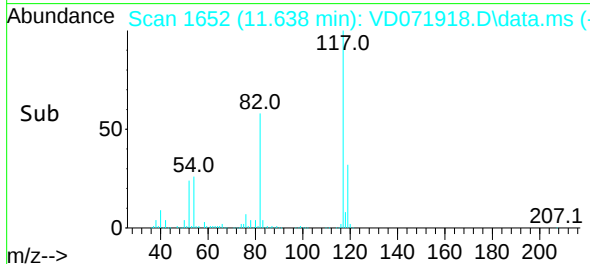
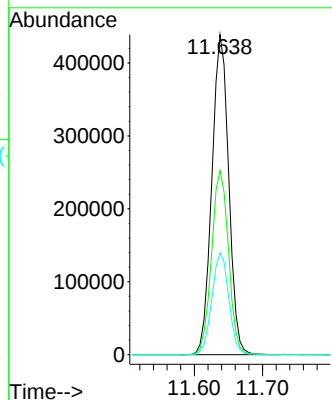
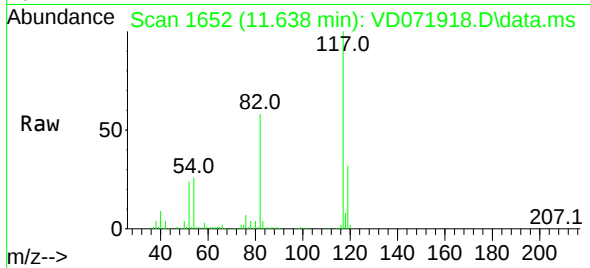




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

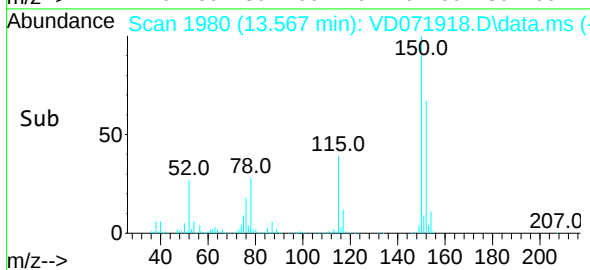
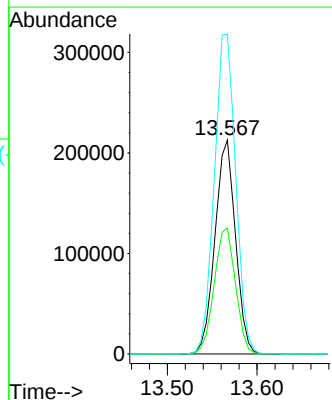
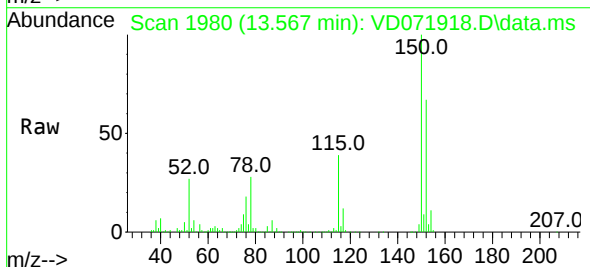
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

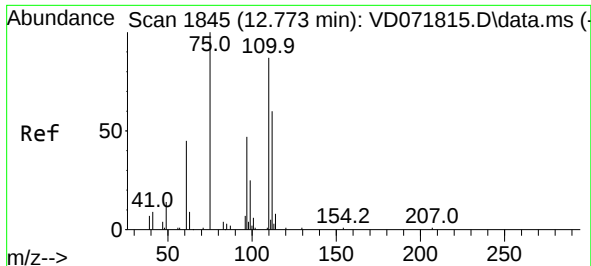
Tgt Ion:117 Resp: 755475
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

Tgt Ion:152 Resp: 338685
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 155.7 0.0 348.6

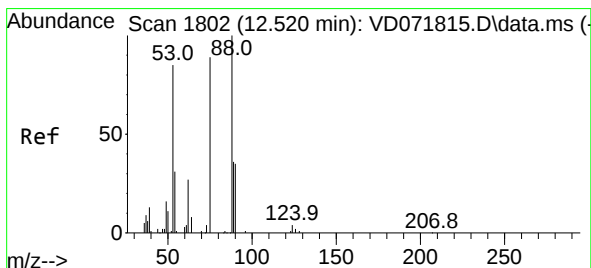
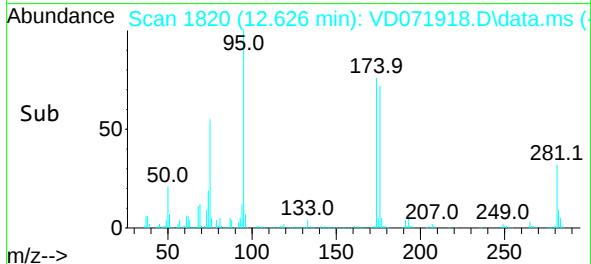
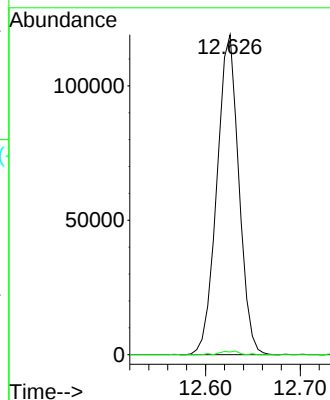
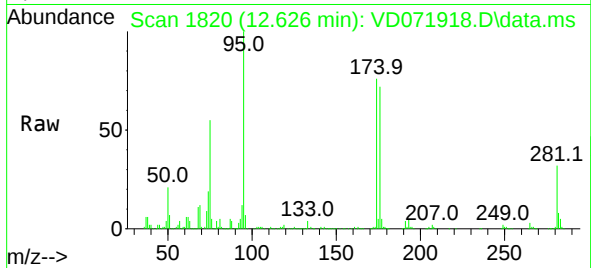




#76
1,2,3-Trichloropropane
Concen: 53.723 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

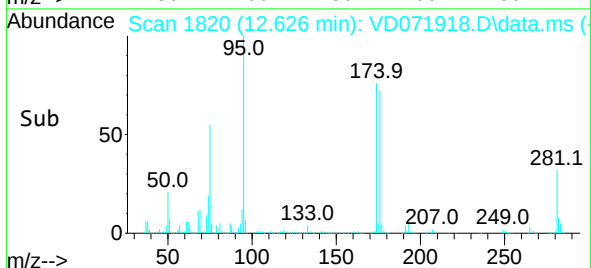
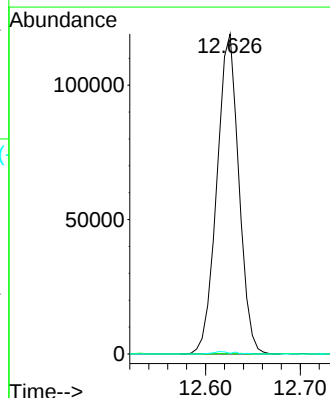
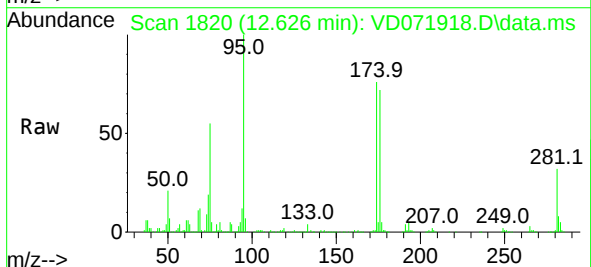
Instrument :
MSVOA_D
ClientSampleId :
BLIND-DUPLICATE

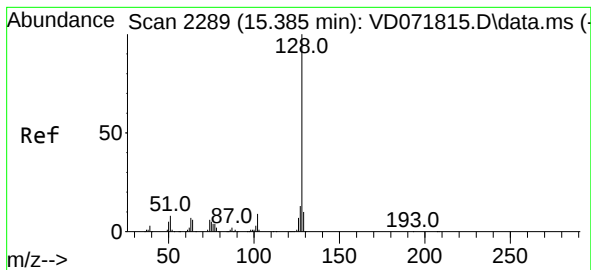
Tgt Ion: 75 Resp: 191756
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.093 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071918.D
Acq: 08 Feb 2022 15:20

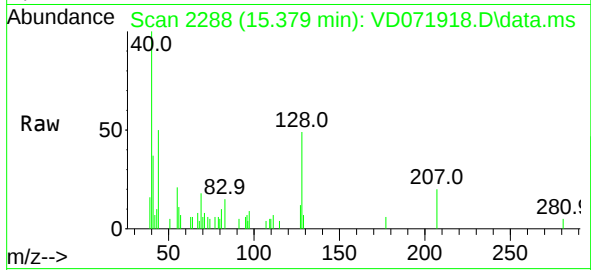
Tgt Ion: 75 Resp: 191756
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 1.727 ug/l
 RT: 15.379 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD071918.D
 Acq: 08 Feb 2022 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 BLIND-DUPLICATE



Tgt Ion:	128	Resp:	3311
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	13.1	8.4	12.6#

