

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071842.D
 Acq On : 31 Jan 2022 13:48
 Operator : VA/SY
 Sample : N1325-10
 Misc : 4.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-4

Quant Time: Jan 31 15:40:56 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)

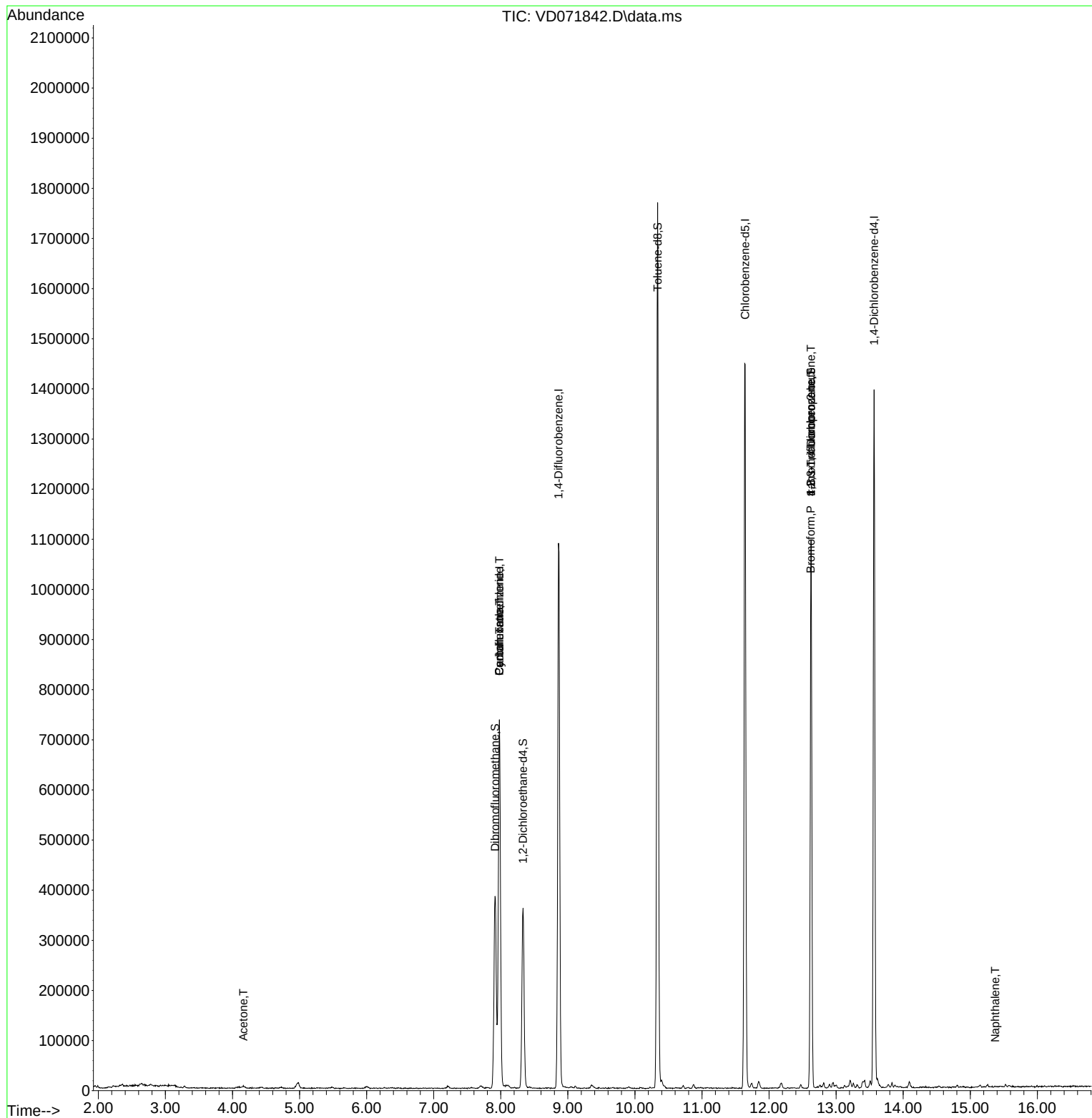
Internal Standards						
1) Pentafluorobenzene	7.979	168	496183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	791477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	341761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	293552	46.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.914	113	280162	47.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.338	98	1111567	50.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.626	95	341160	44.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.520%
Target Compounds						
16) Acetone	4.162	43	7789	4.537	ug/l	95
20) Methylene Chloride	4.985	84	7760	Below Cal	#	70
31) Cyclohexane	7.979	56	16014	1.338	ug/l #	7
38) Carbon Tetrachloride	7.979	117	54703	5.514	ug/l #	17
71) Bromoform	12.620	173	4725	1.453	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	190286	52.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	190286	129.901	ug/l #	7
95) Naphthalene	15.373	128	1601	1.585	ug/l #	74

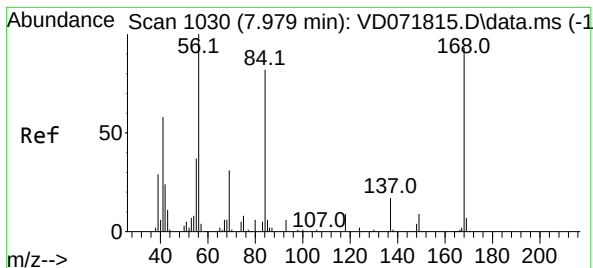
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
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Misc : 4.88G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
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TES-4

Quant Time: Jan 31 15:40:56 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

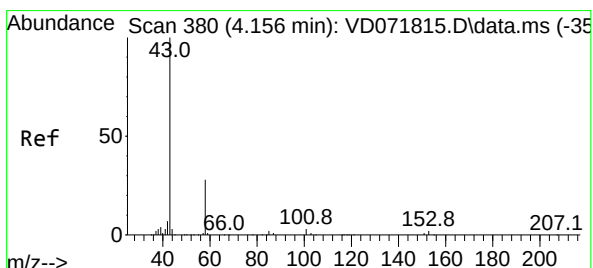
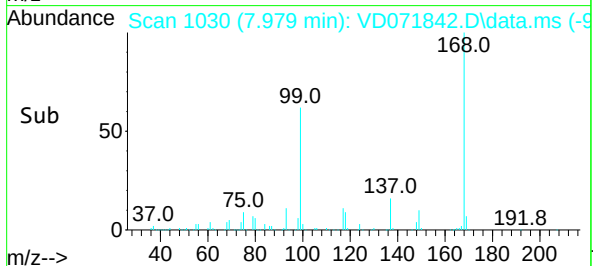
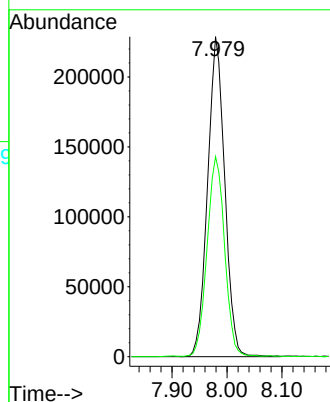
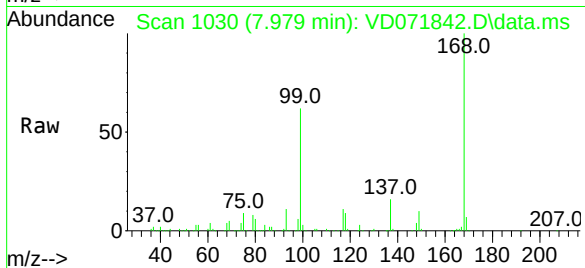




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

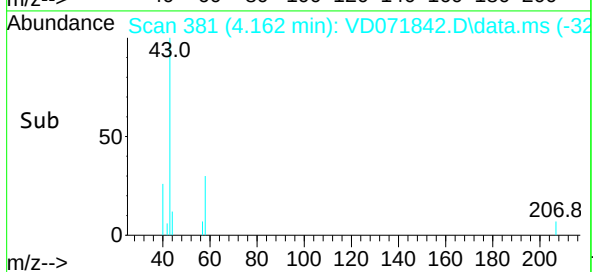
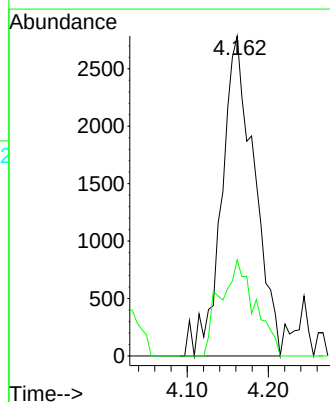
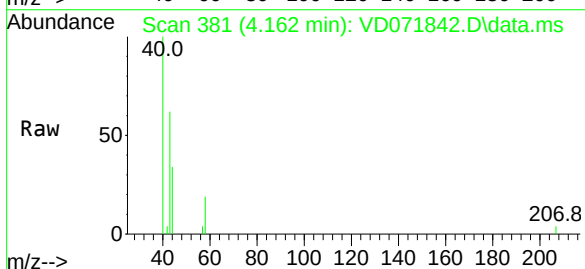
Instrument :
MSVOA_D
ClientSampleId :
TES-4

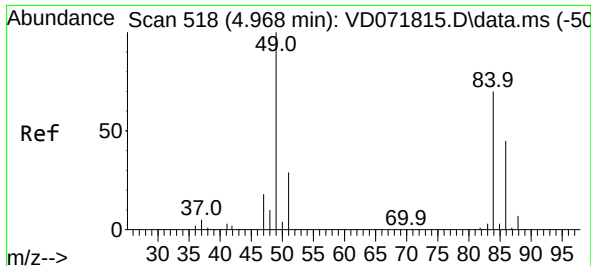
Tgt Ion:168 Resp: 496183
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#16
Acetone
Concen: 4.537 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

Tgt Ion: 43 Resp: 7789
Ion Ratio Lower Upper
43 100
58 30.0 22.1 33.1

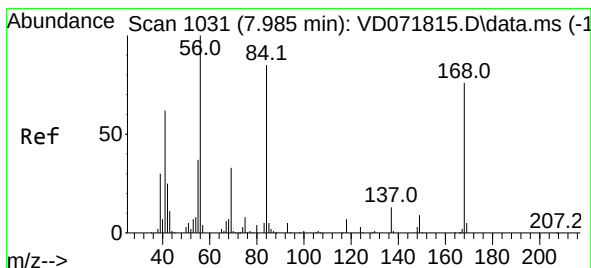
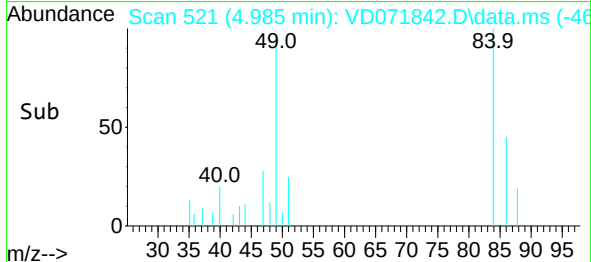
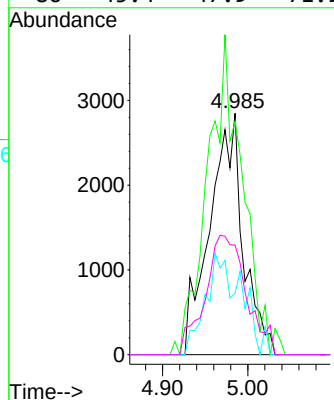
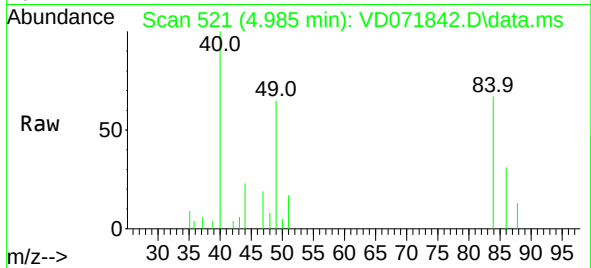




#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

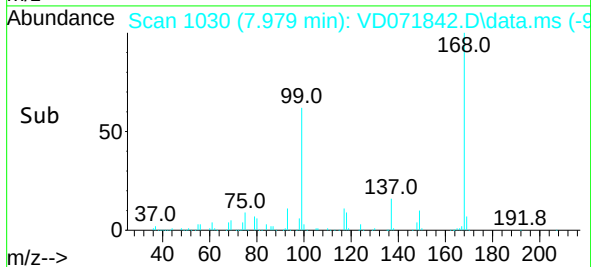
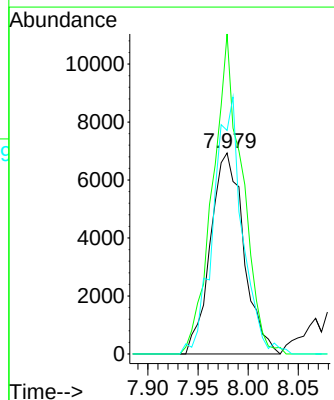
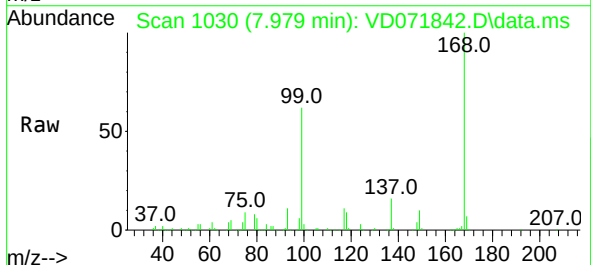
Instrument :
MSVOA_D
ClientSampleId :
TES-4

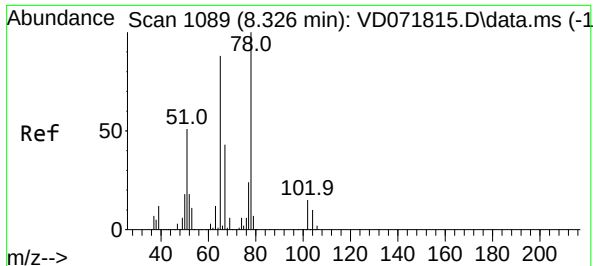
Tgt Ion:	84	Resp:	7760
Ion	Ratio	Lower	Upper
84	100		
49	96.6	112.8	169.2#
51	25.4	32.6	48.8#
86	45.4	47.9	71.9#



#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

Tgt Ion:	56	Resp:	16014
Ion	Ratio	Lower	Upper
56	100		
69	159.3	25.4	38.2#
84	111.3	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.807 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

Instrument :

MSVOA_D

ClientSampleId :

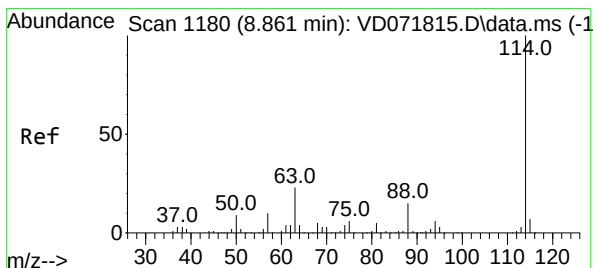
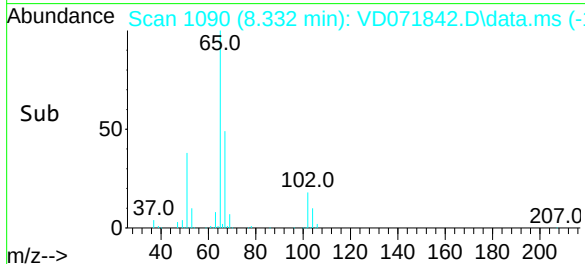
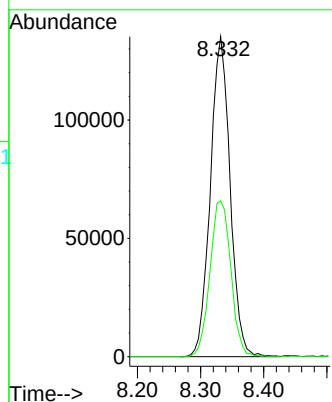
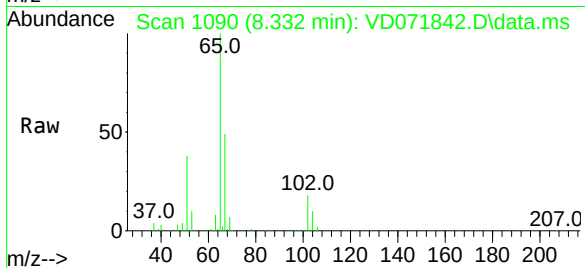
TES-4

Tgt Ion: 65 Resp: 293552

Ion Ratio Lower Upper

65 100

67 51.5 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: VD071842.D

Acq: 31 Jan 2022 13:48

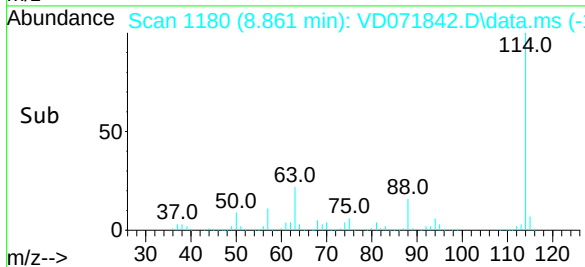
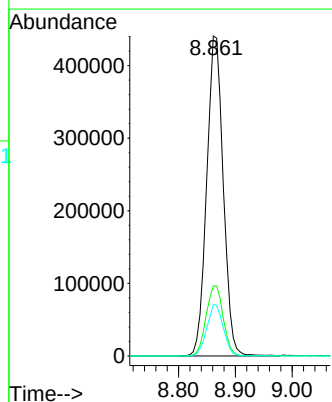
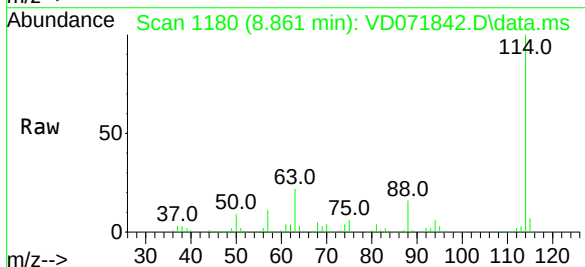
Tgt Ion: 114 Resp: 889171

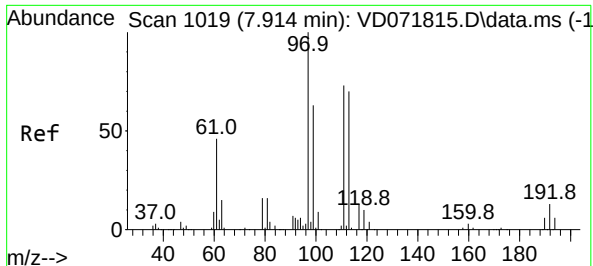
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.934 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

Instrument :

MSVOA_D

ClientSampleId :

TES-4

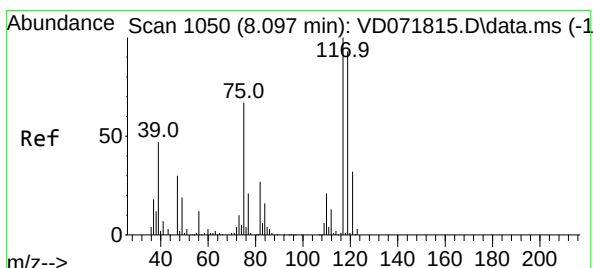
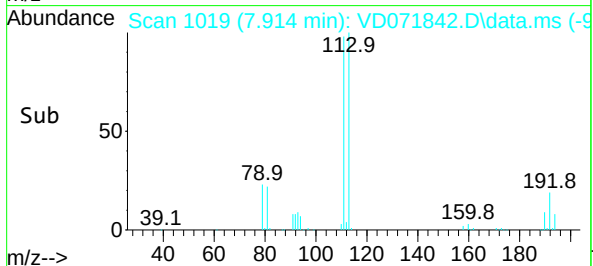
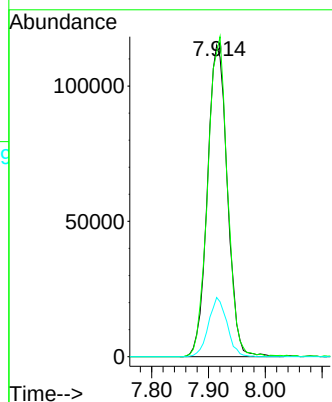
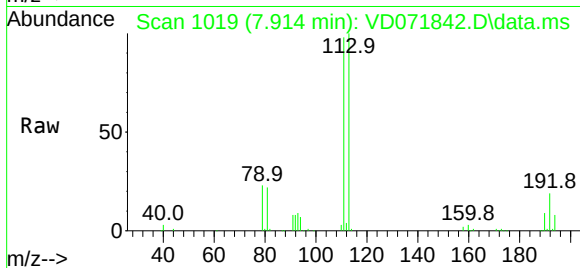
Tgt Ion:113 Resp: 280162

Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.7 14.6 21.8



#38

Carbon Tetrachloride

Concen: 5.514 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

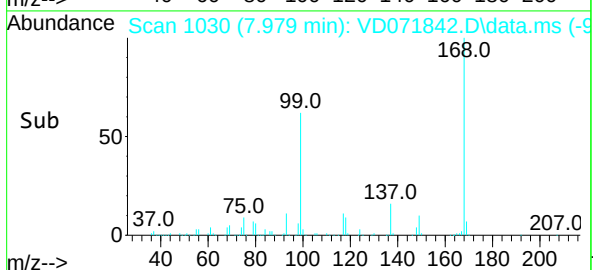
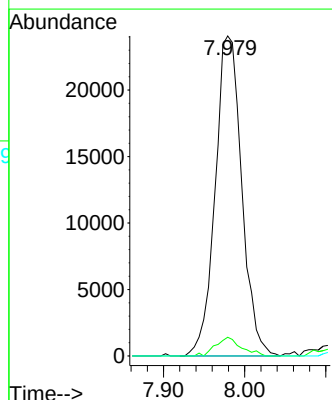
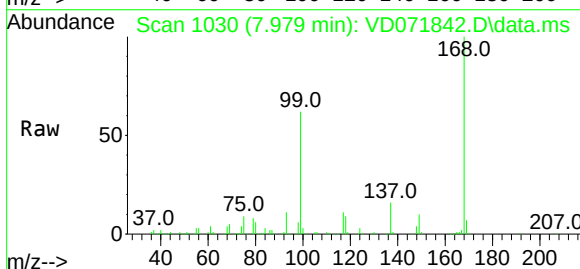
Tgt Ion:117 Resp: 54703

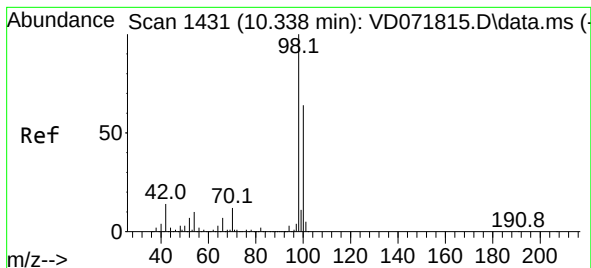
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.923 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

Instrument :

MSVOA_D

ClientSampleId :

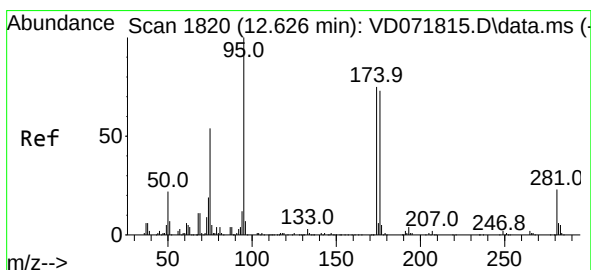
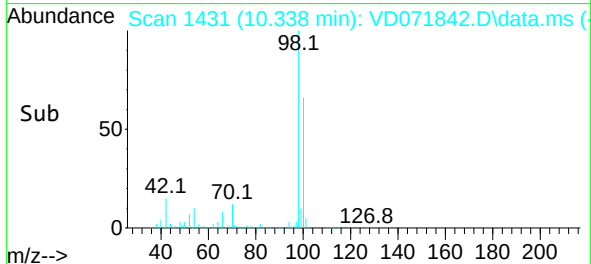
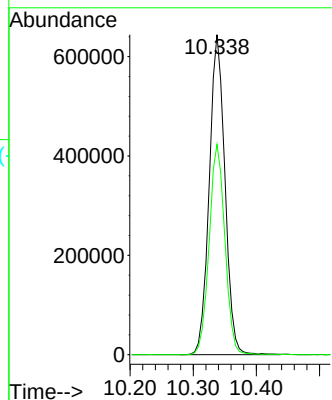
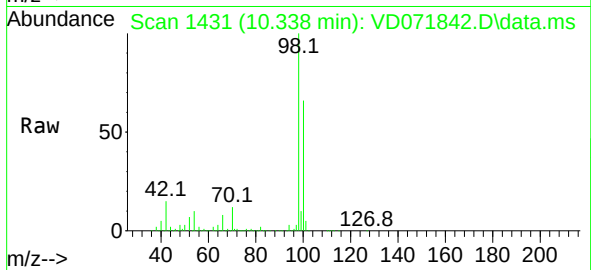
TES-4

Tgt Ion: 98 Resp: 1111567

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.756 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

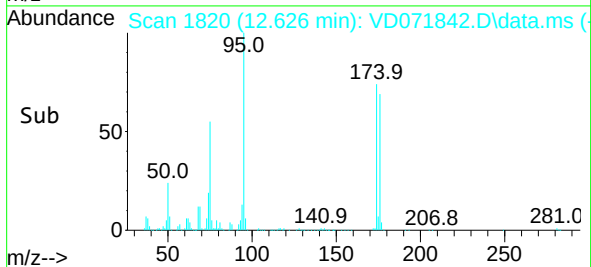
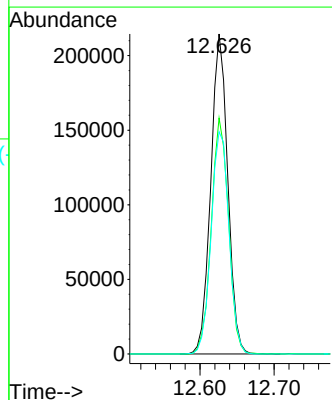
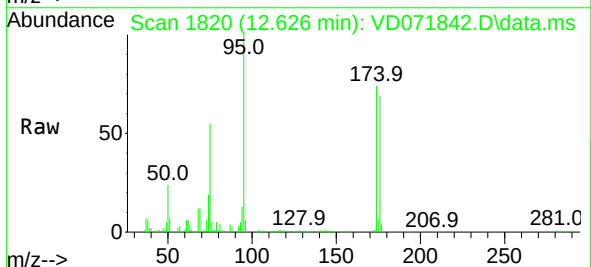
Tgt Ion: 95 Resp: 341160

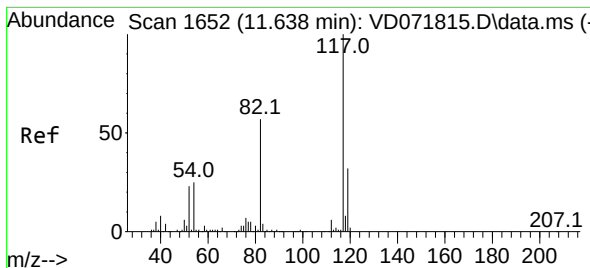
Ion Ratio Lower Upper

95 100

174 74.7 0.0 152.8

176 72.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.644 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

Instrument :

MSVOA_D

ClientSampleId :

TES-4

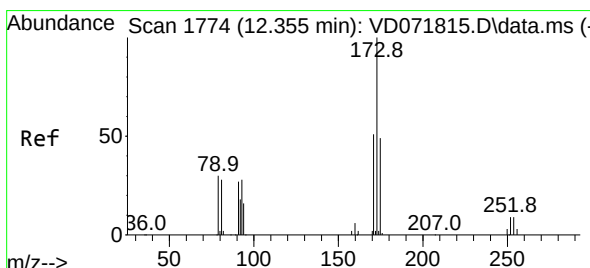
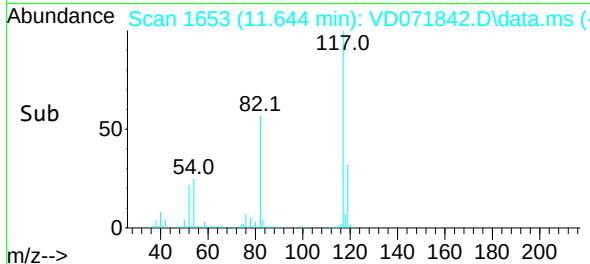
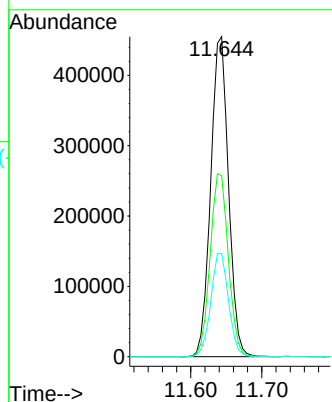
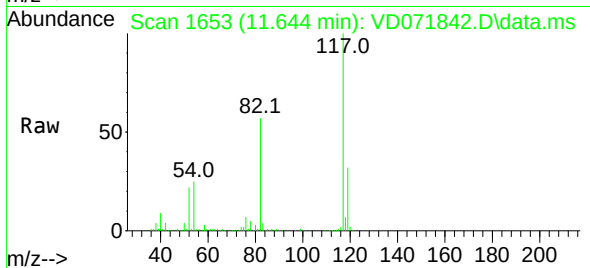
Tgt Ion:117 Resp: 791477

Ion Ratio Lower Upper

117 100

82 56.6 45.3 67.9

119 32.2 26.6 40.0



#71

Bromoform

Concen: 1.453 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.265 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

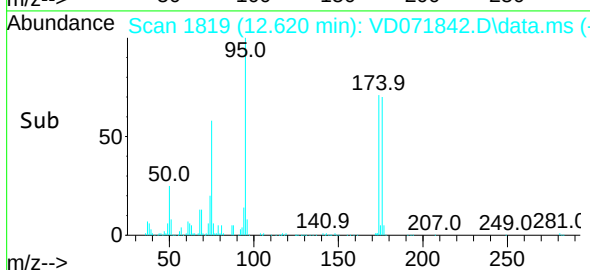
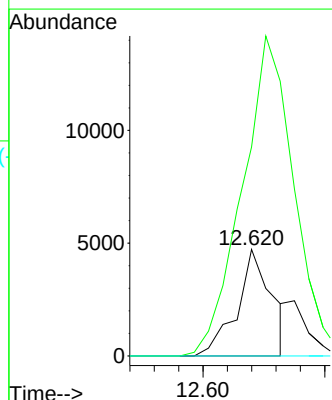
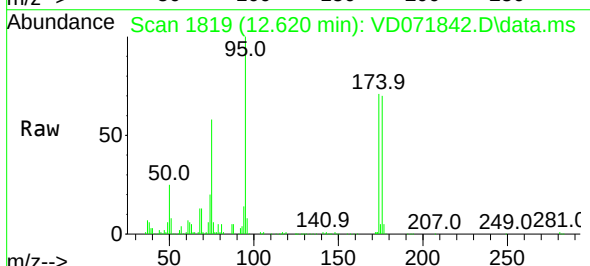
Tgt Ion:173 Resp: 4725

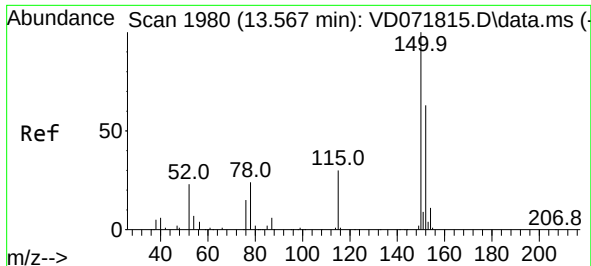
Ion Ratio Lower Upper

173 100

175 347.7 23.9 71.8#

254 0.0 0.0 0.0

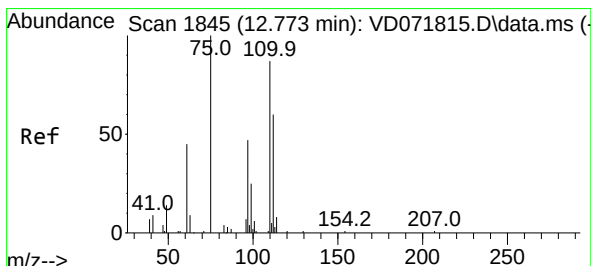
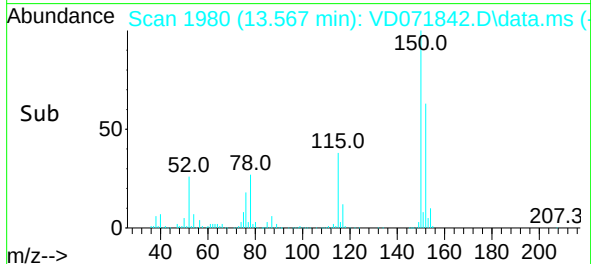
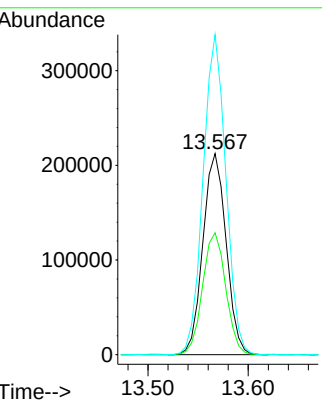
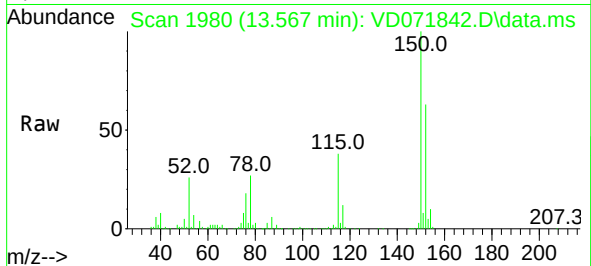




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071842.D
 Acq: 31 Jan 2022 13:48

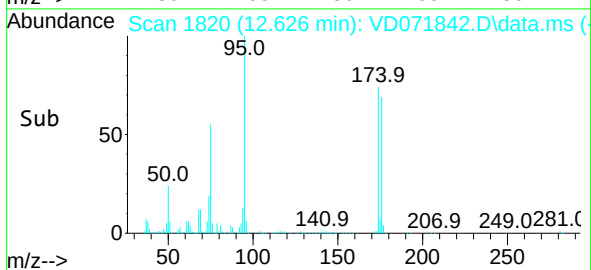
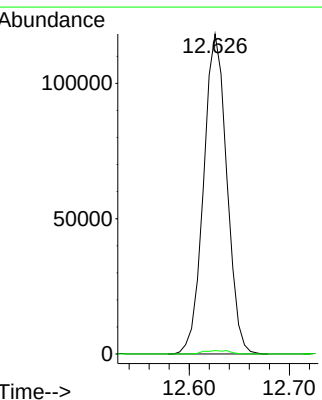
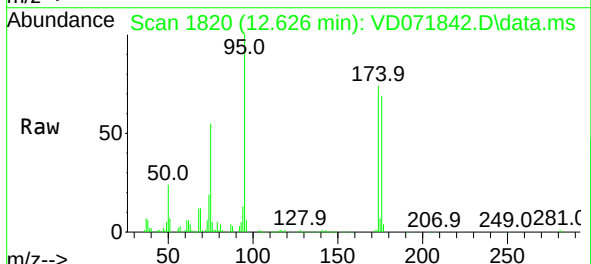
Instrument :
 MSVOA_D
 ClientSampleId :
 TES-4

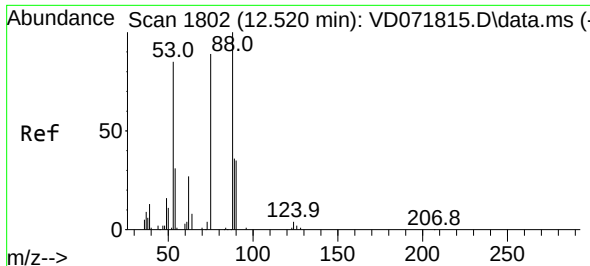
Tgt Ion:152 Resp: 341761
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.3 93.8
 150 156.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 52.832 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071842.D
 Acq: 31 Jan 2022 13:48

Tgt Ion: 75 Resp: 190286
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

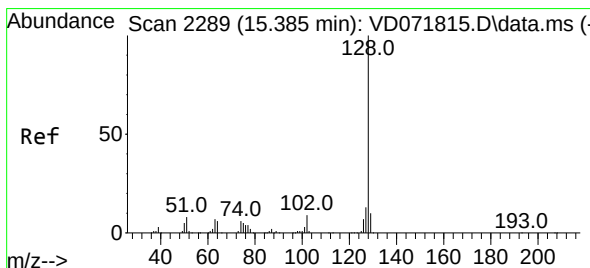
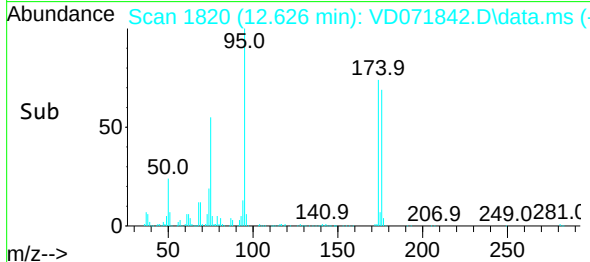
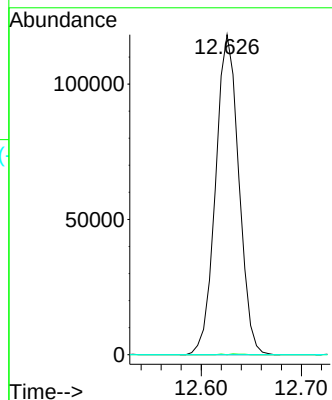
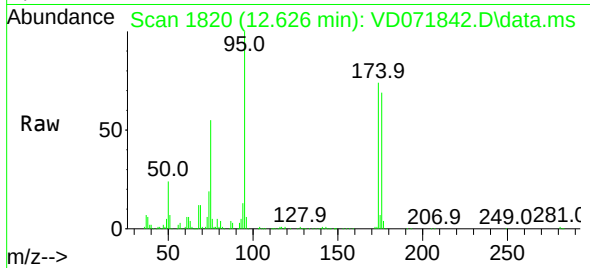




#81
trans-1,4-Dichloro-2-butene
Concen: 129.901 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

Instrument :
MSVOA_D
ClientSampleId :
TES-4

Tgt Ion: 75 Resp: 190286
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.585 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

Tgt Ion: 128 Resp: 1601
Ion Ratio Lower Upper
128 100
127 3.6 10.3 15.5#
129 0.0 8.4 12.6#

