

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071847.D
 Acq On : 31 Jan 2022 16:06
 Operator : VA/SY
 Sample : N1325-19
 Misc : 3.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEX-3

Quant Time: Feb 01 04:03:35 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)

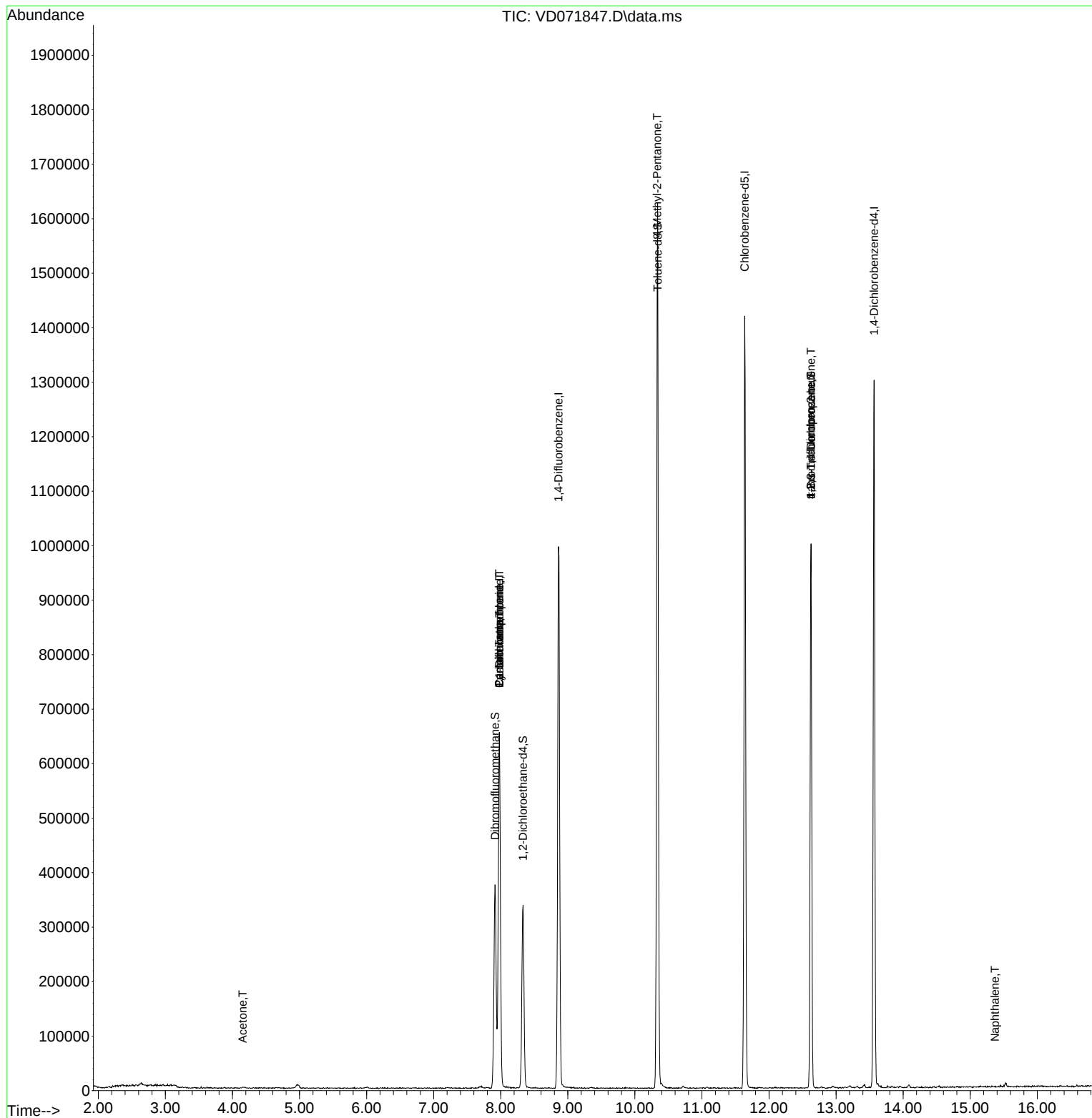
Internal Standards						
1) Pentafluorobenzene	7.979	168	440588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	815245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	752619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	269878	48.462	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.920%		
35) Dibromofluoromethane	7.914	113	258916	48.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.640%		
50) Toluene-d8	10.338	98	1033525	51.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.280%		
62) 4-Bromofluorobenzene	12.626	95	318002	45.501	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.000%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	87	Below Cal	#	74
16) Acetone	4.150	43	3497	2.294	ug/l #	87
20) Methylene Chloride	4.973	84	5136	Below Cal	#	71
31) Cyclohexane	7.979	56	11690	1.100	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	40581	4.412	ug/l #	51
38) Carbon Tetrachloride	7.979	117	47373	5.208	ug/l #	19
51) 4-Methyl-2-Pentanone	10.332	43	5295	1.317	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	180219	54.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	180219	133.494	ug/l #	7
95) Naphthalene	15.367	128	101	1.463	ug/l #	70

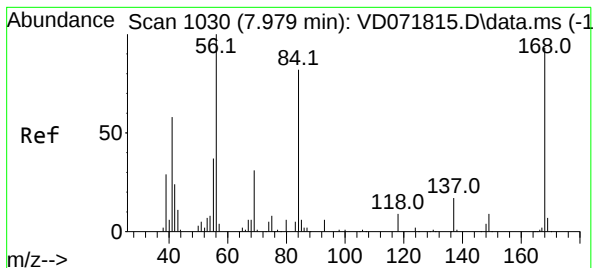
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
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Quant Time: Feb 01 04:03:35 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

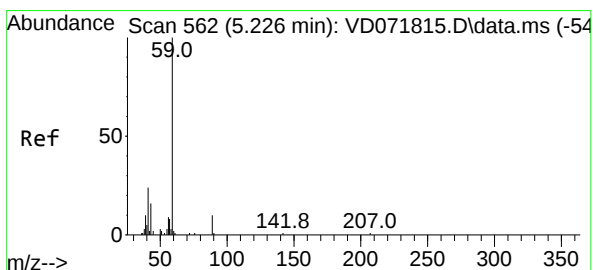
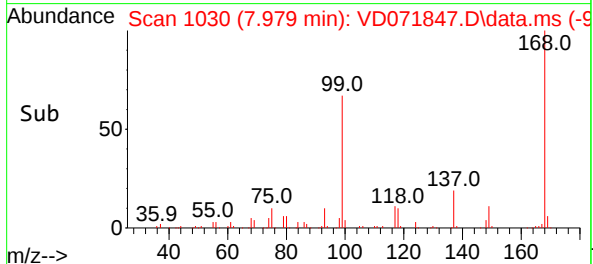
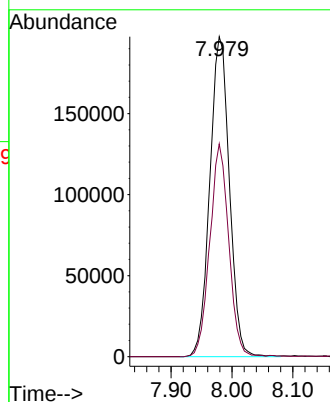
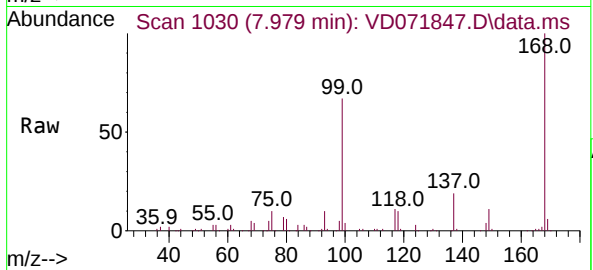




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

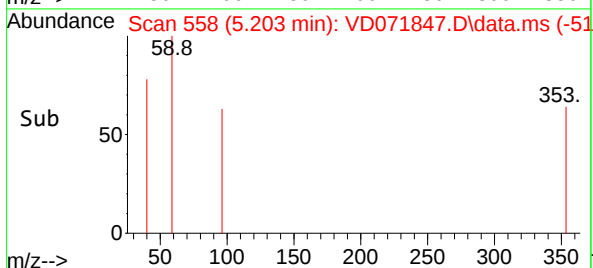
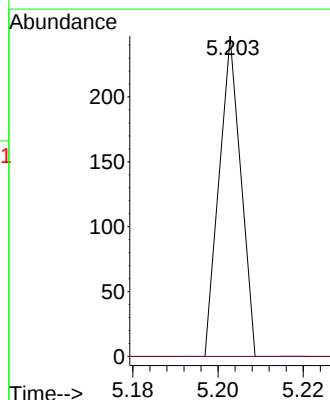
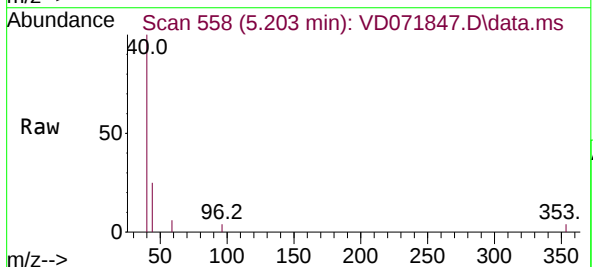
Instrument :
MSVOA_D
ClientSampleId :
TEX-3

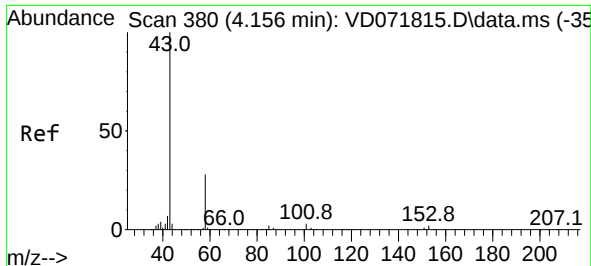
Tgt Ion:168 Resp: 440588
Ion Ratio Lower Upper
168 100
99 66.5 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 2.294 ug/l

RT: 4.150 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD071847.D

Acq: 31 Jan 2022 16:06

Instrument :

MSVOA_D

ClientSampleId :

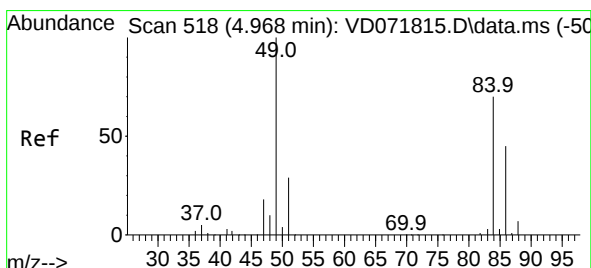
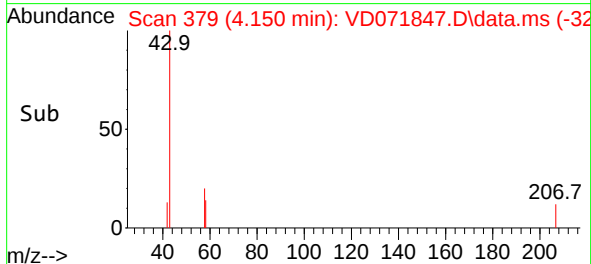
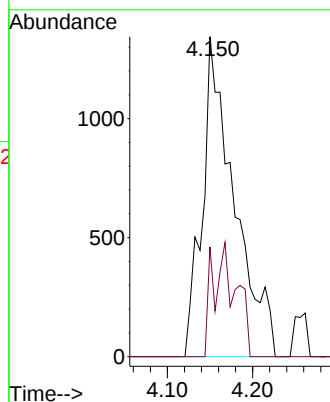
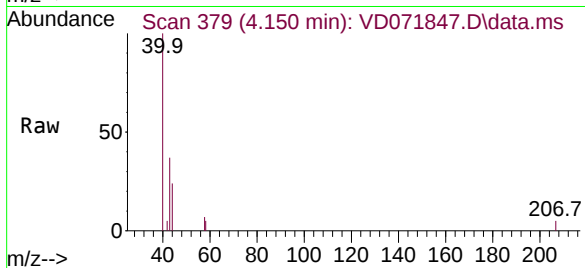
TEX-3

Tgt Ion: 43 Resp: 3497

Ion Ratio Lower Upper

43 100

58 34.3 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD071847.D

Acq: 31 Jan 2022 16:06

Tgt Ion: 84 Resp: 5136

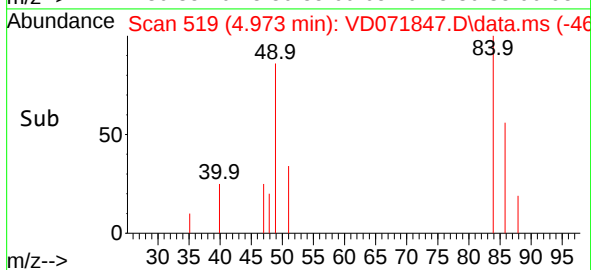
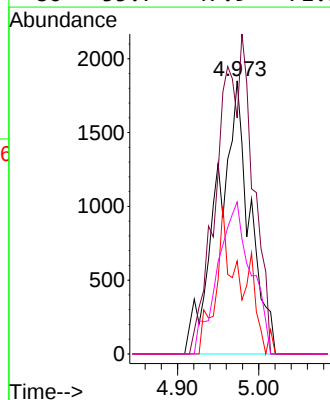
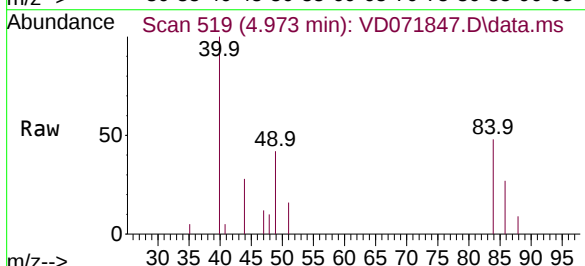
Ion Ratio Lower Upper

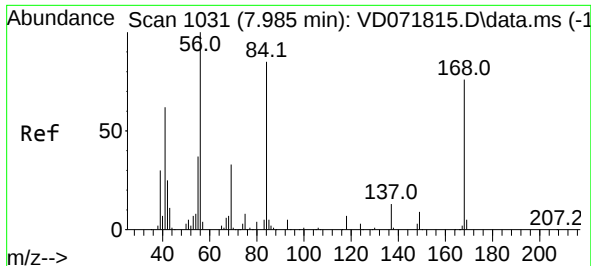
84 100

49 86.4 112.8 169.2#

51 34.1 32.6 48.8

86 55.7 47.9 71.9

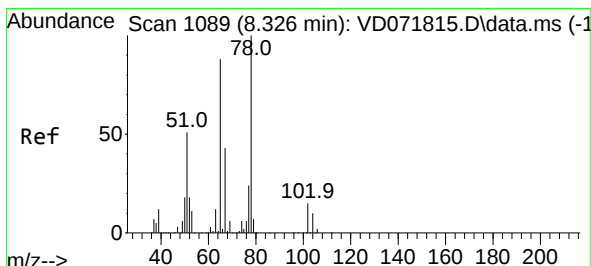
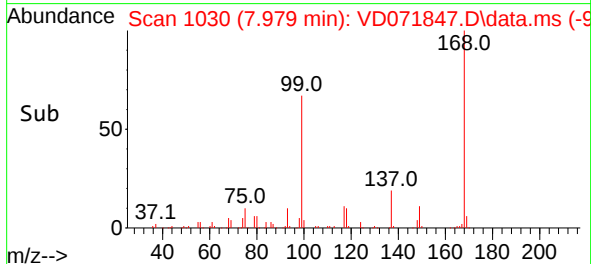
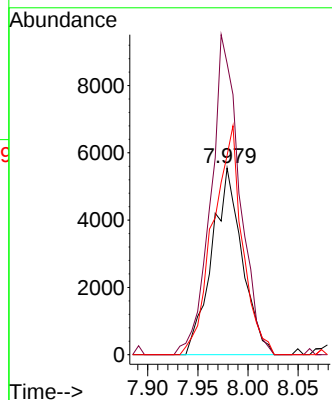
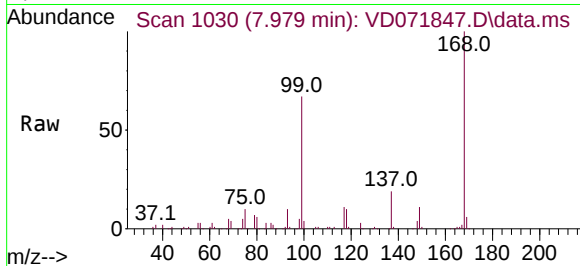




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

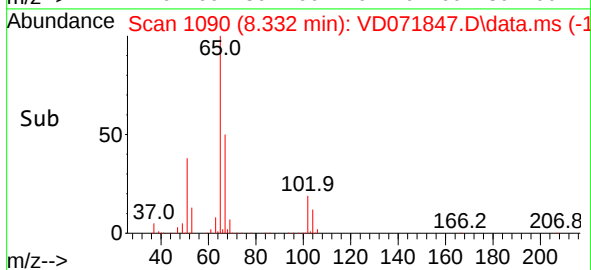
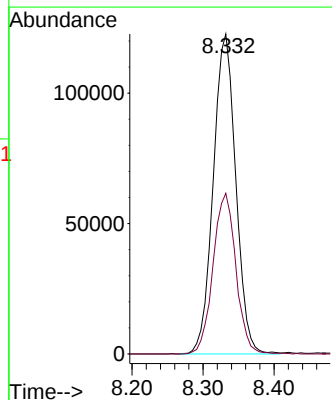
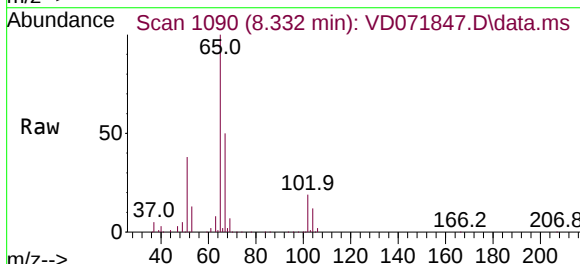
Instrument :
MSVOA_D
ClientSampleId :
TEX-3

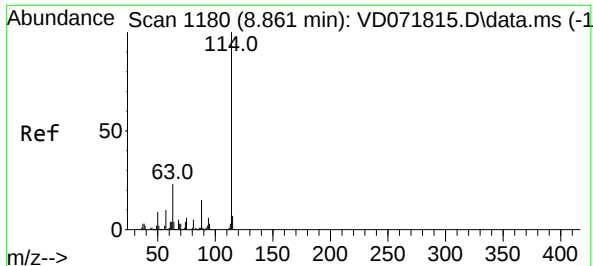
Tgt Ion: 56 Resp: 11690
Ion Ratio Lower Upper
56 100
69 156.1 25.4 38.2#
84 106.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 48.462 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

Tgt Ion: 65 Resp: 269878
Ion Ratio Lower Upper
65 100
67 50.9 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: VD071847.D

Acq: 31 Jan 2022 16:06

Instrument :

MSVOA_D

ClientSampleId :

TEX-3

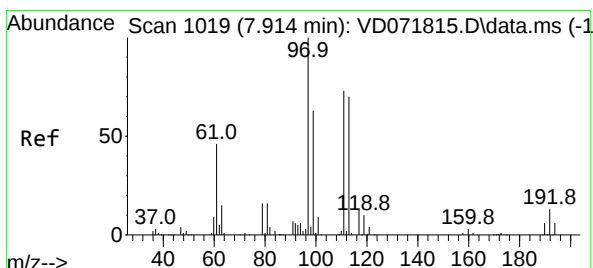
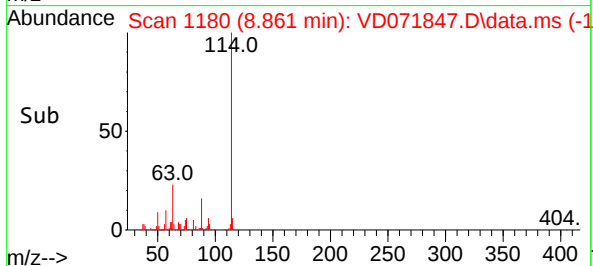
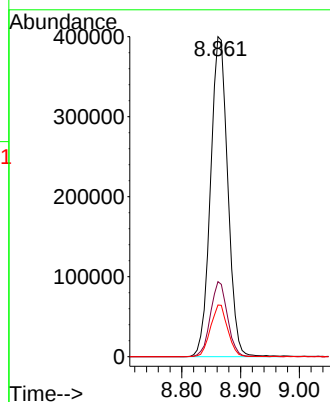
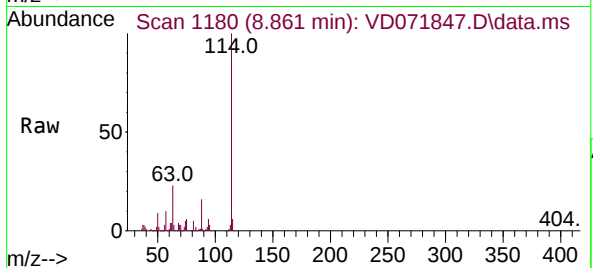
Tgt Ion:114 Resp: 815245

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.316 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071847.D

Acq: 31 Jan 2022 16:06

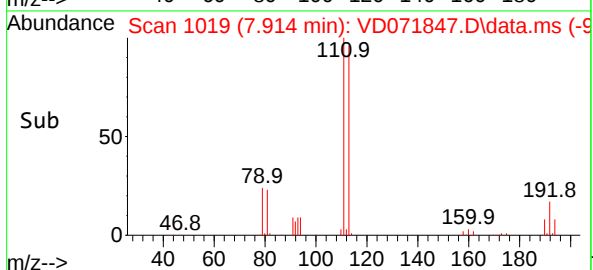
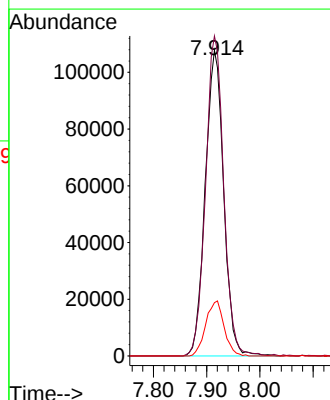
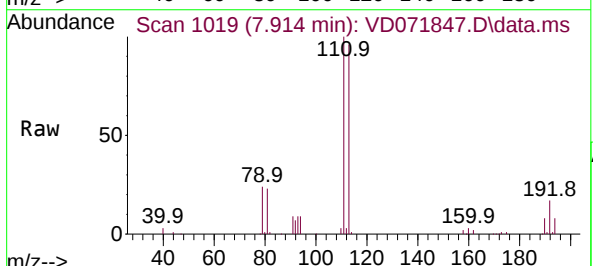
Tgt Ion:113 Resp: 258916

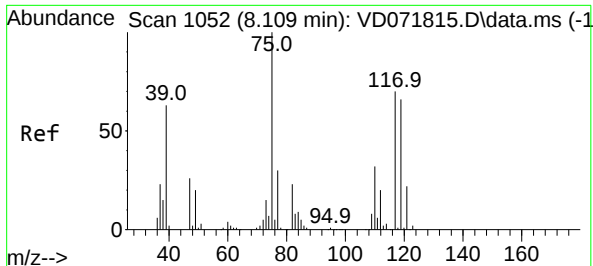
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.412 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071847.D

Acq: 31 Jan 2022 16:06

Instrument :

MSVOA_D

ClientSampleId :

TEX-3

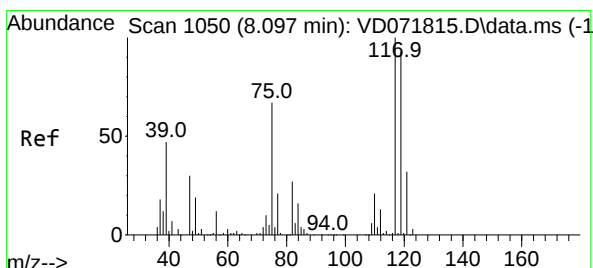
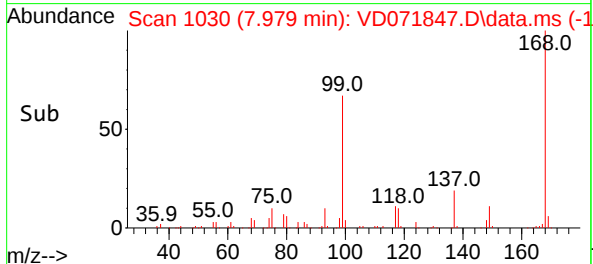
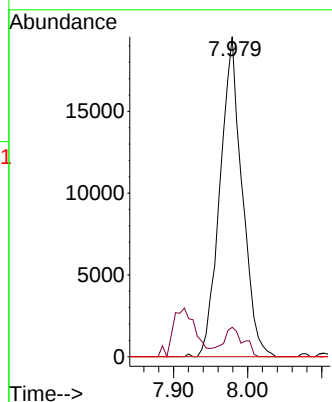
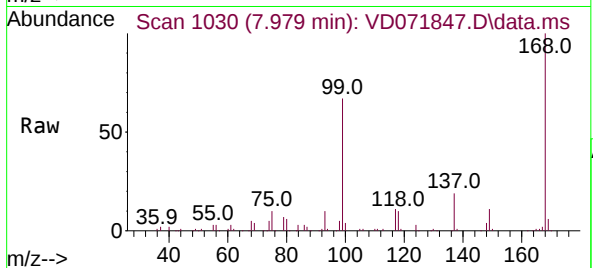
Tgt Ion: 75 Resp: 40581

Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.208 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071847.D

Acq: 31 Jan 2022 16:06

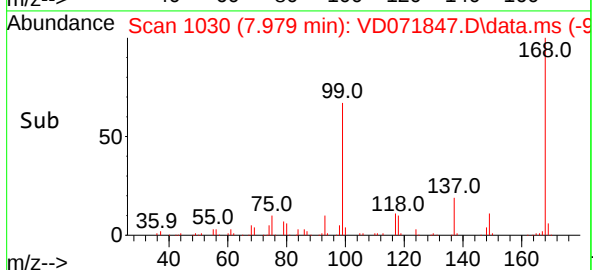
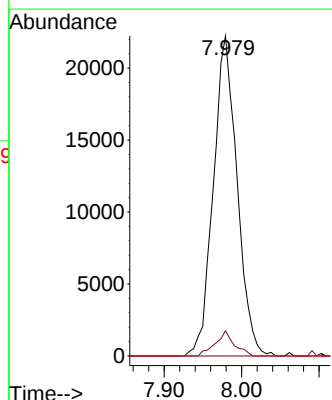
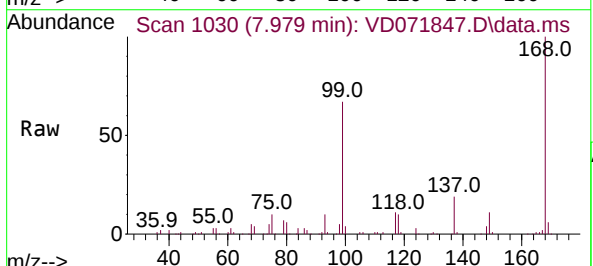
Tgt Ion: 117 Resp: 47373

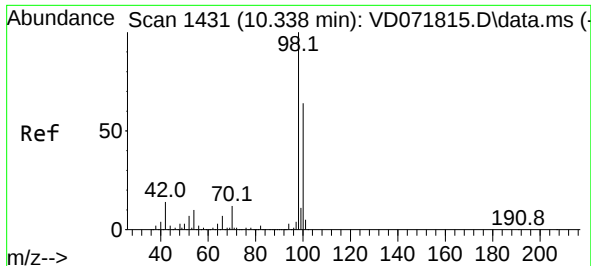
Ion Ratio Lower Upper

117 100

119 7.8 75.8 113.6#

121 0.0 24.5 36.7#

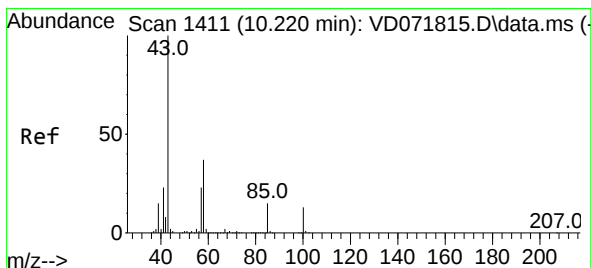
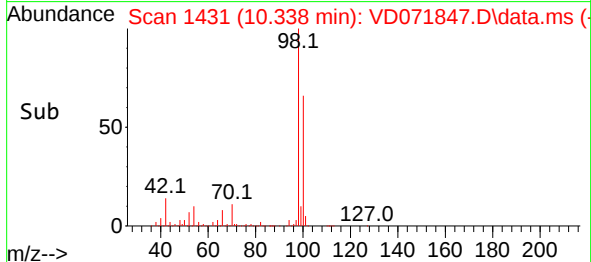
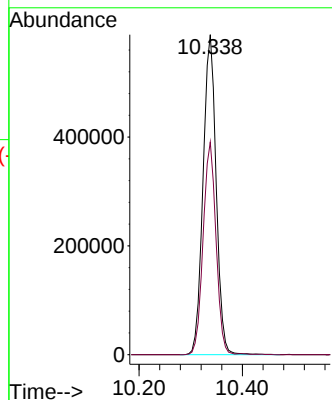
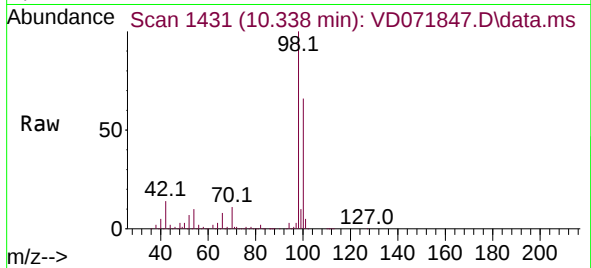




#50
Toluene-d8
Concen: 51.641 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

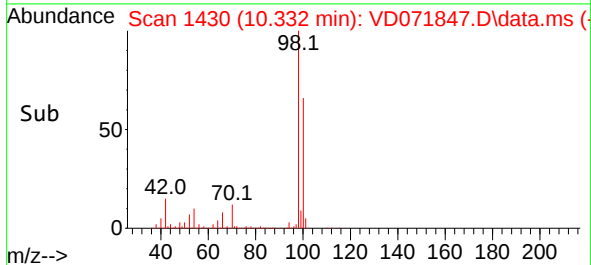
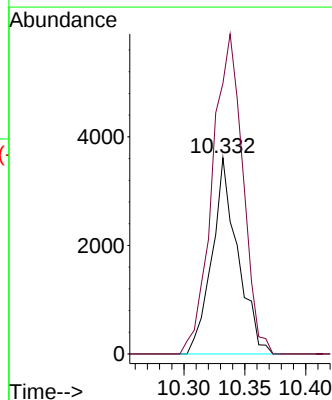
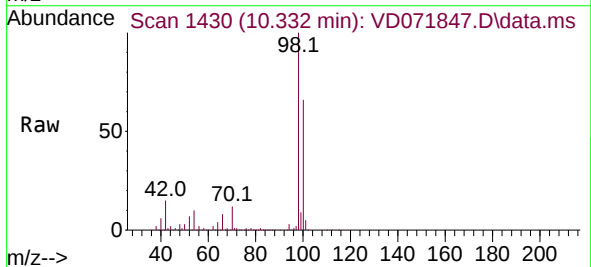
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TEX-3

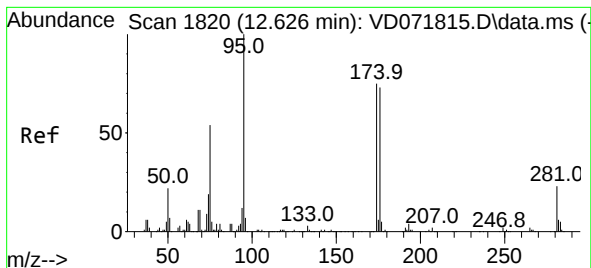
Tgt Ion: 98 Resp: 1033525
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.317 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

Tgt Ion: 43 Resp: 5295
Ion Ratio Lower Upper
43 100
58 193.8 28.6 43.0#

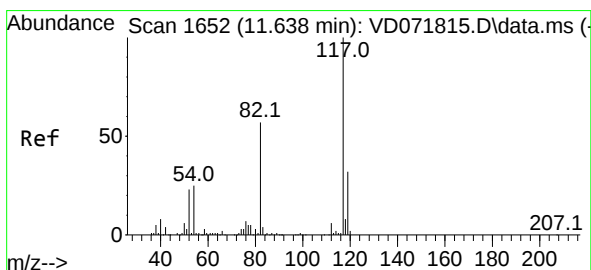
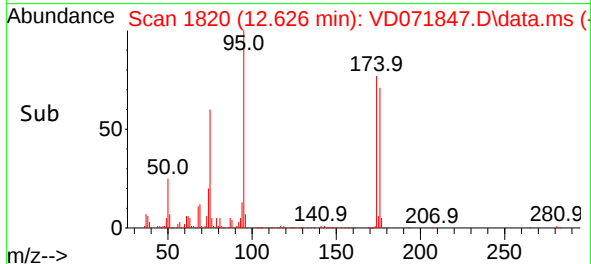
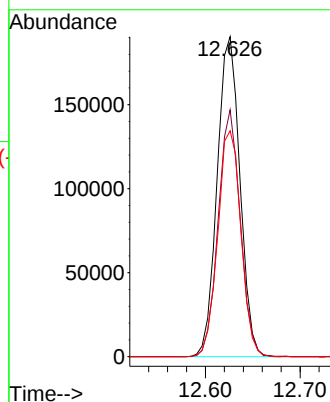
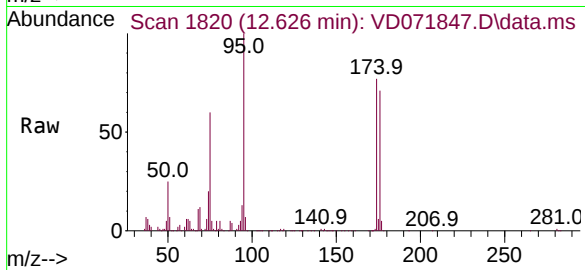




#62
4-Bromofluorobenzene
Concen: 45.501 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

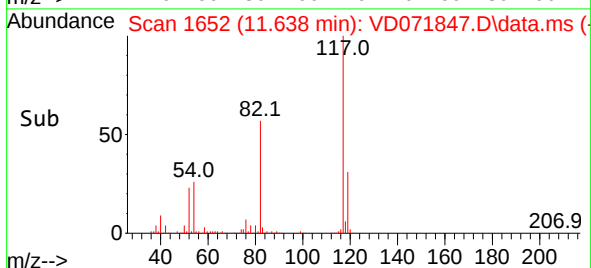
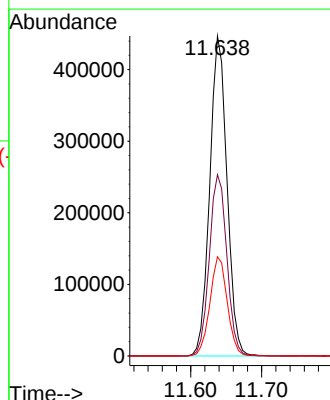
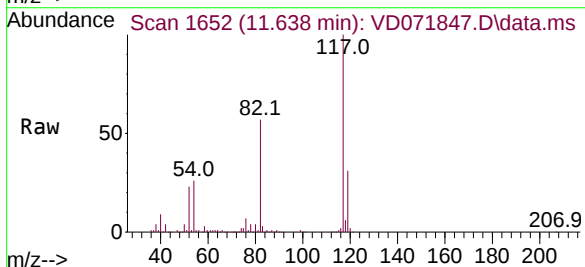
Instrument :
MSVOA_D
ClientSampleId :
TEX-3

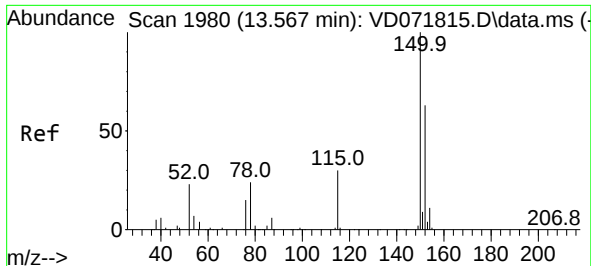
Tgt Ion: 95 Resp: 318002
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 71.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

Tgt Ion: 117 Resp: 752619
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.0 26.6 40.0

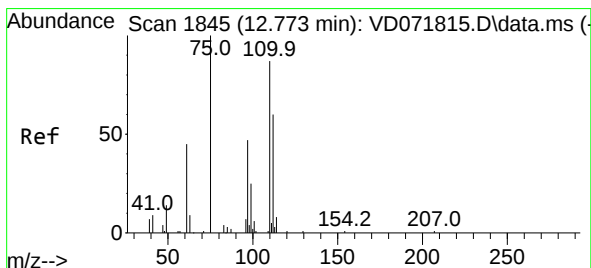
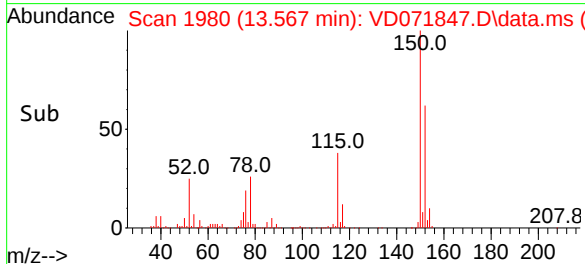
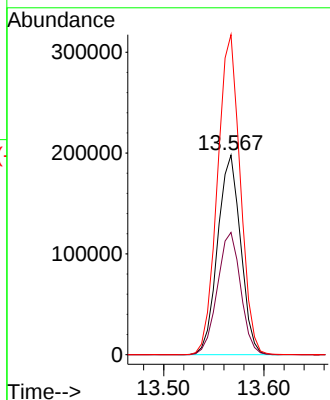
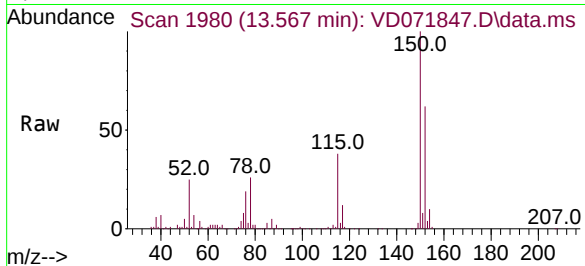




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071847.D
 Acq: 31 Jan 2022 16:06

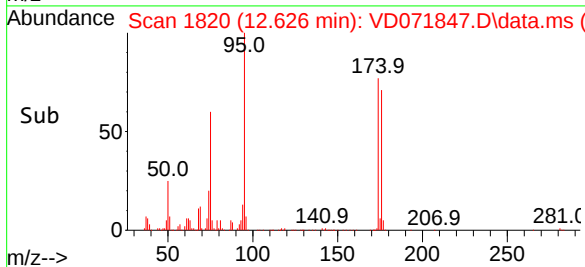
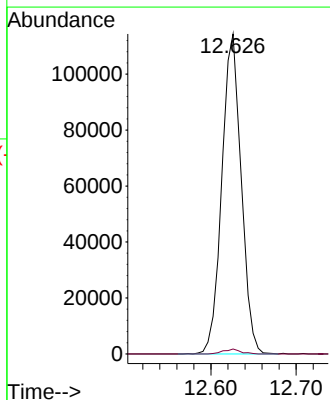
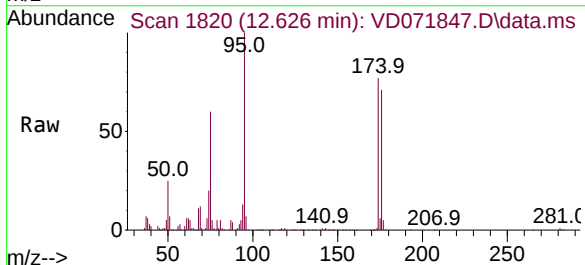
Instrument :
 MSVOA_D
 ClientSampleId :
 TEX-3

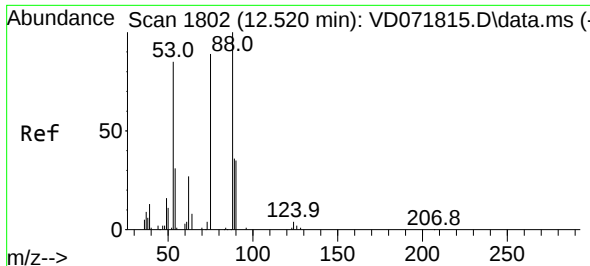
Tgt Ion:152 Resp: 314969
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.3 93.8
 150 159.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 54.293 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071847.D
 Acq: 31 Jan 2022 16:06

Tgt Ion: 75 Resp: 180219
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

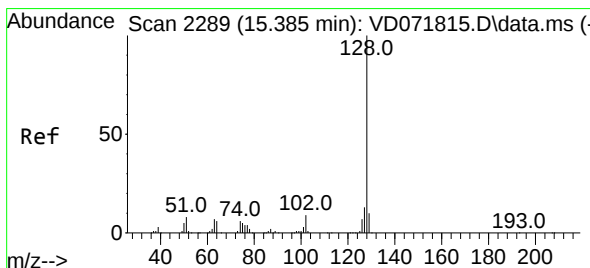
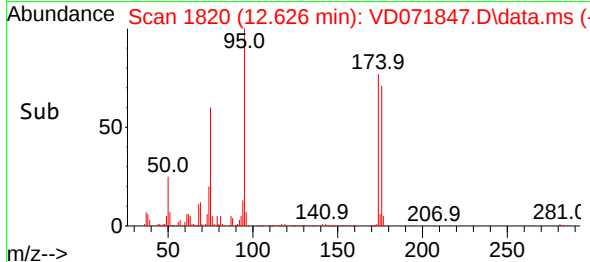
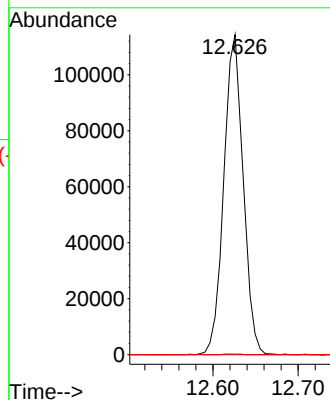
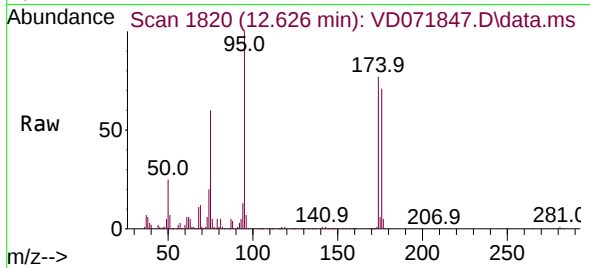




#81
trans-1,4-Dichloro-2-butene
Concen: 133.494 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

Instrument :
MSVOA_D
ClientSampleId :
TEX-3

Tgt Ion: 75 Resp: 180219
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.463 ug/l
RT: 15.367 min Scan# 2286
Delta R.T. -0.018 min
Lab File: VD071847.D
Acq: 31 Jan 2022 16:06

Tgt Ion:128 Resp: 101
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

