

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071850.D
 Acq On : 31 Jan 2022 17:30
 Operator : VA/SY
 Sample : N1325-16RE
 Misc : 3.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEX-2

Quant Time: Feb 01 04:04:27 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)

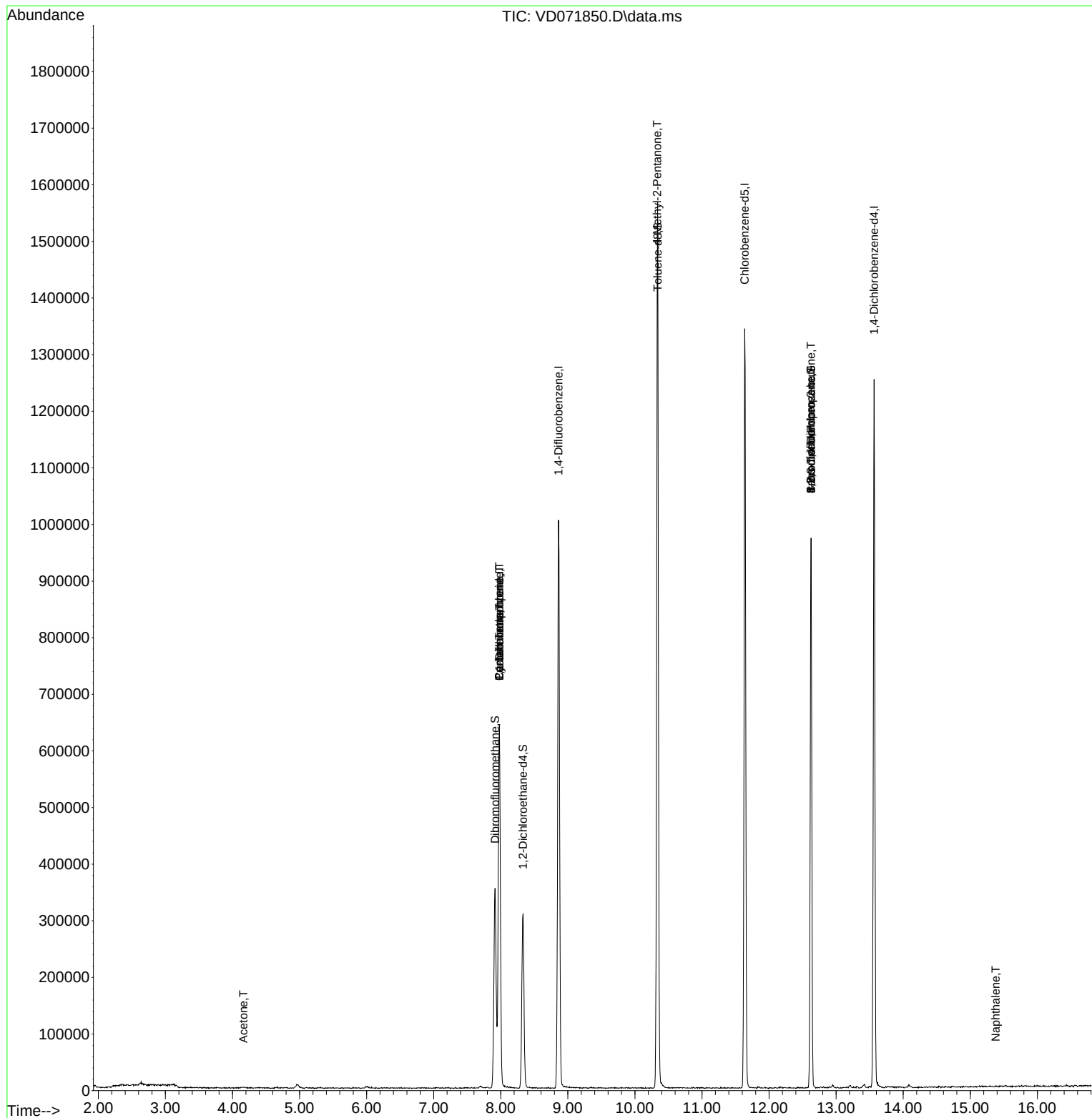
Internal Standards						
1) Pentafluorobenzene	7.979	168	432895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	795335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	711045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	297853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252934	46.227	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.460%		
35) Dibromofluoromethane	7.914	113	247355	47.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.620%		
50) Toluene-d8	10.337	98	1011421	51.802	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.600%		
62) 4-Bromofluorobenzene	12.625	95	302109	44.309	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.138	59	73	Below Cal	#	74
16) Acetone	4.161	43	2373	1.584	ug/l #	76
20) Methylene Chloride	4.955	84	2981	Below Cal	#	87
31) Cyclohexane	7.979	56	12457	1.193	ug/l #	6
36) 1,1-Dichloropropene	7.979	75	42654	4.754	ug/l #	51
38) Carbon Tetrachloride	7.979	117	47988	5.408	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	5335	1.360	ug/l #	1
71) Bromoform	12.625	173	3697	1.265	ug/l #	1
76) 1,2,3-Trichloropropane	12.625	75	168096	53.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	168096	131.669	ug/l #	7
95) Naphthalene	15.378	128	306	1.483	ug/l #	70

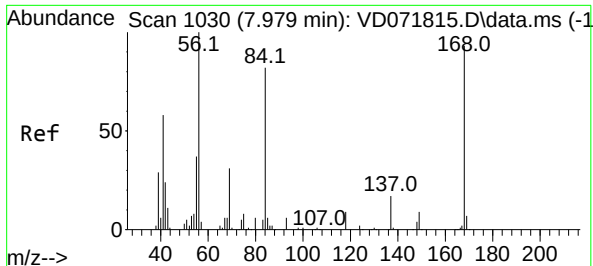
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

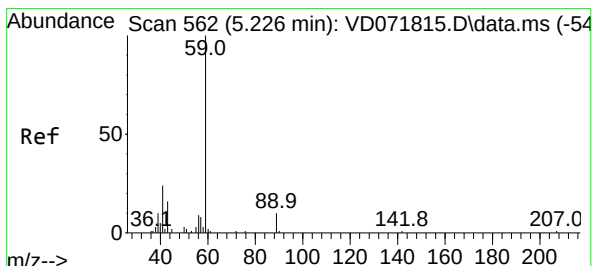
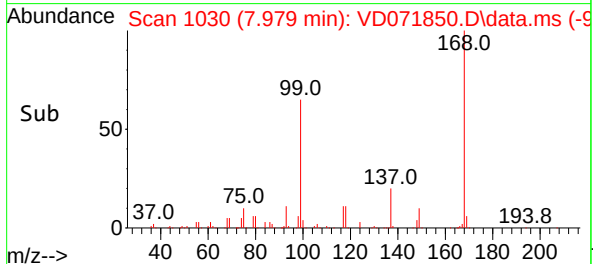
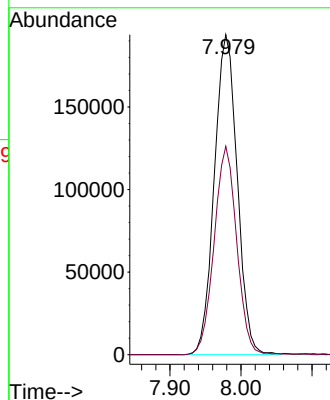
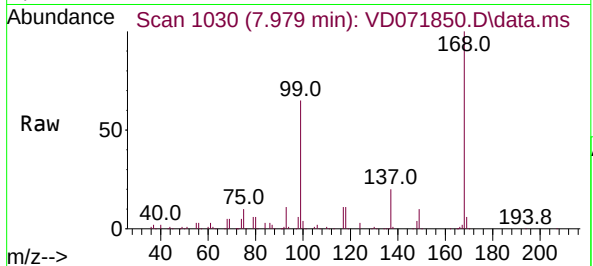




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

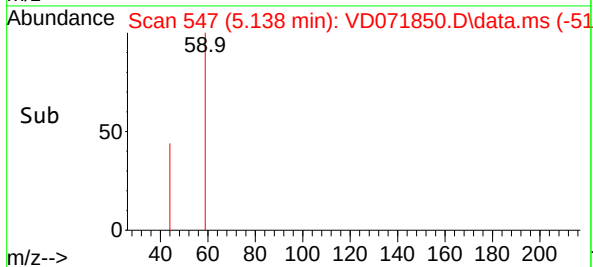
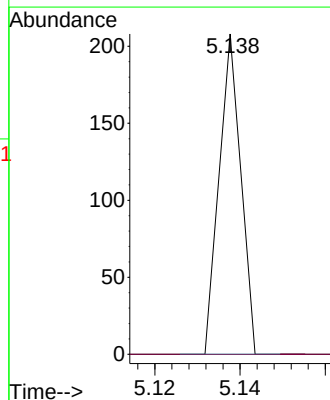
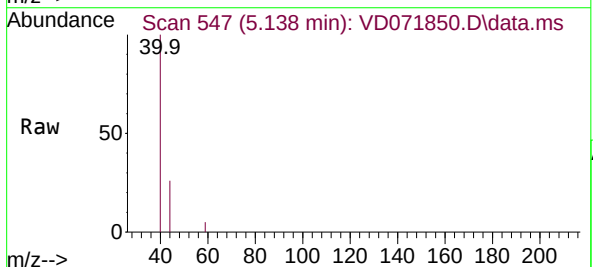
Instrument :
MSVOA_D
ClientSampleId :
TEX-2

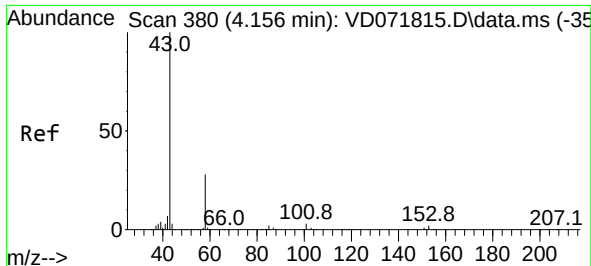
Tgt Ion:168 Resp: 432895
Ion Ratio Lower Upper
168 100
99 65.1 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.138 min Scan# 547
Delta R.T. -0.083 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

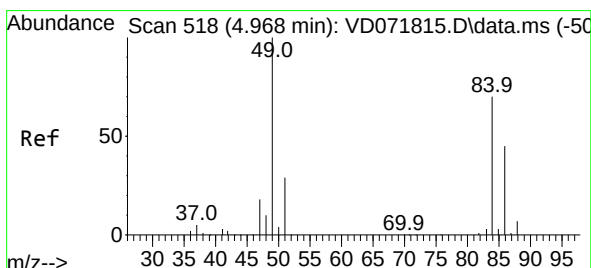
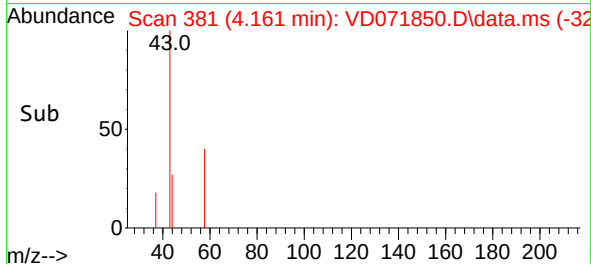
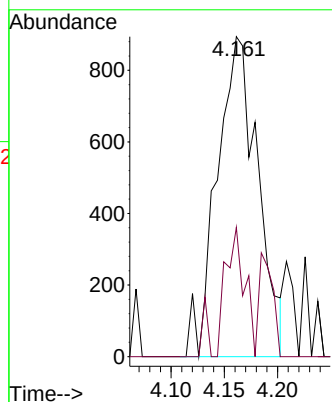
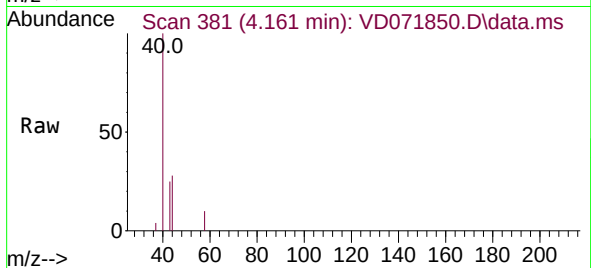




#16
Acetone
Concen: 1.584 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

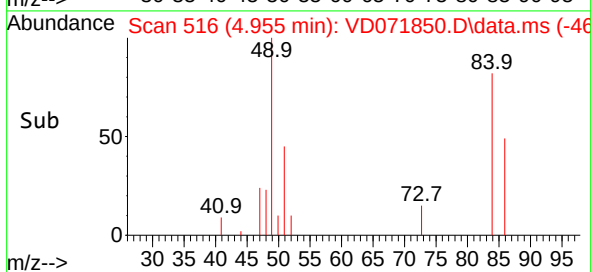
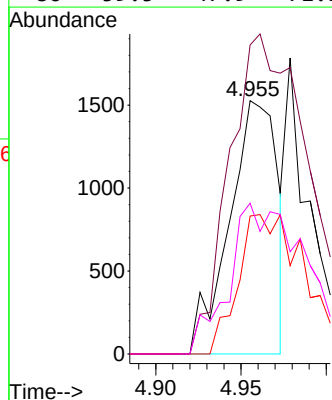
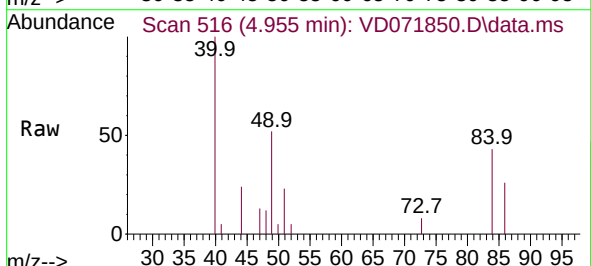
Instrument :
MSVOA_D
ClientSampleId :
TEX-2

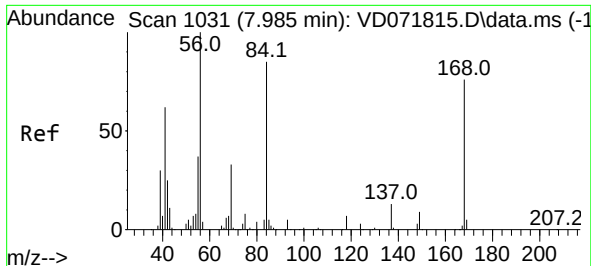
Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 40.4 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

Tgt Ion: 84 Resp: 2981
Ion Ratio Lower Upper
84 100
49 121.9 112.8 169.2
51 54.4 32.6 48.8#
86 59.5 47.9 71.9

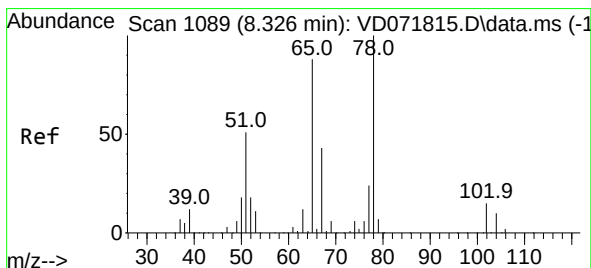
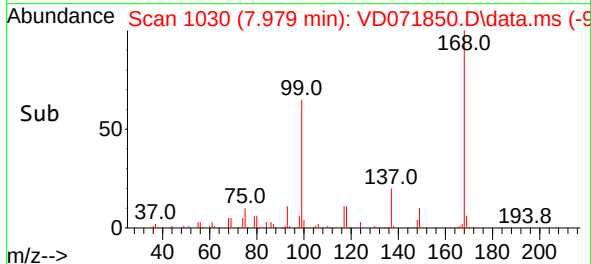
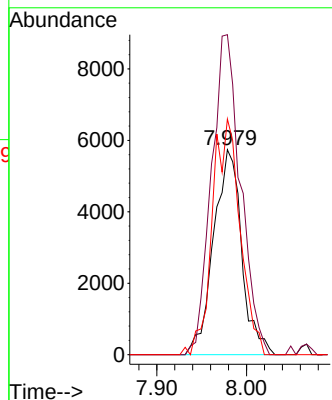
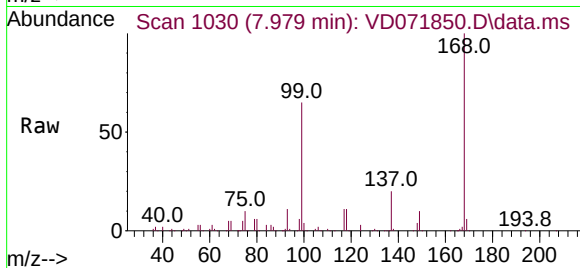




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

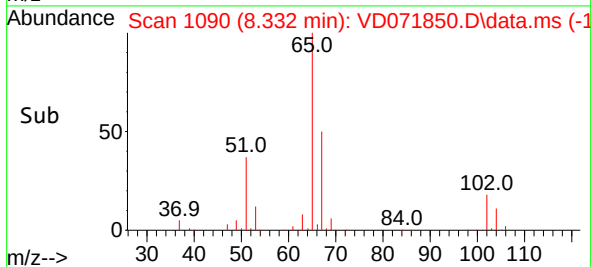
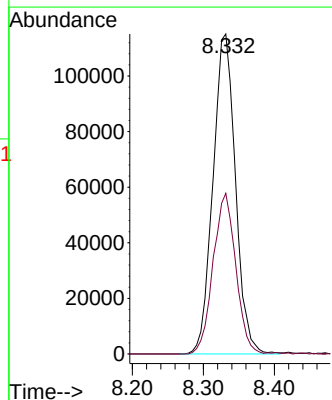
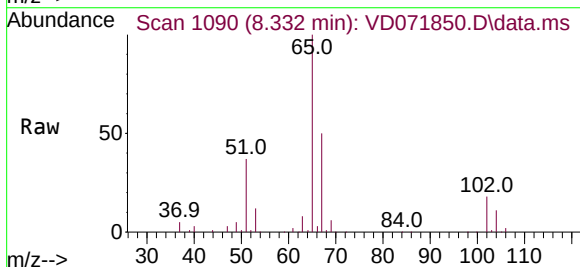
Instrument :
MSVOA_D
ClientSampleId :
TEX-2

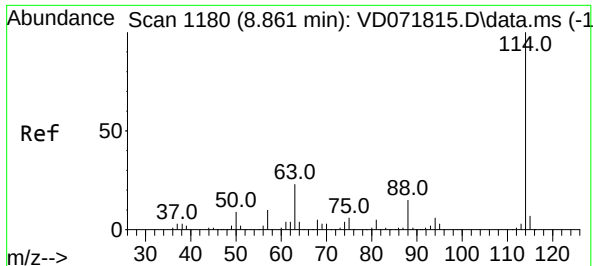
Tgt Ion: 56 Resp: 12457
Ion Ratio Lower Upper
56 100
69 156.1 25.4 38.2#
84 115.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.227 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

Tgt Ion: 65 Resp: 252934
Ion Ratio Lower Upper
65 100
67 50.6 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: VD071850.D

Acq: 31 Jan 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

TEX-2

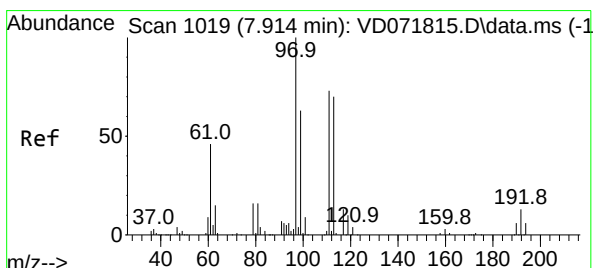
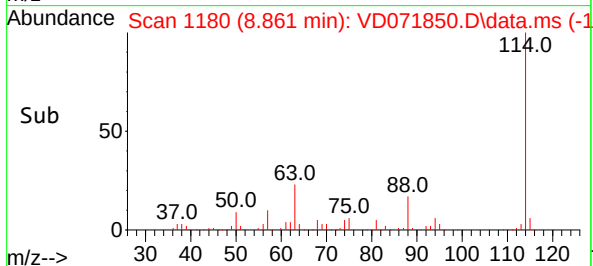
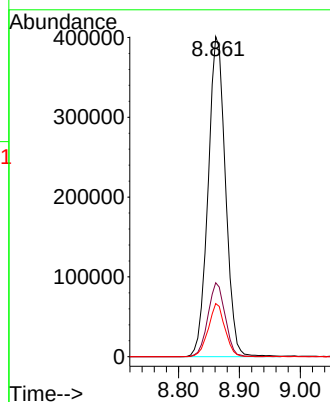
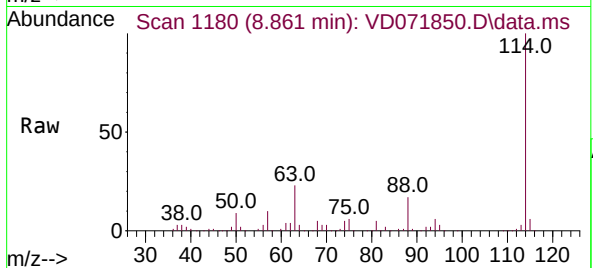
Tgt Ion:114 Resp: 795335

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.314 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071850.D

Acq: 31 Jan 2022 17:30

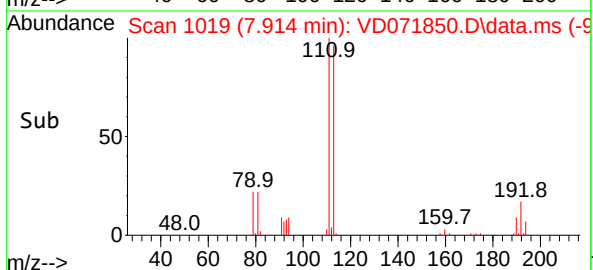
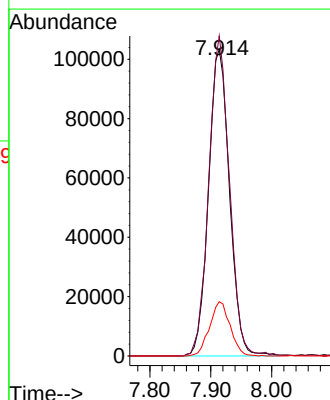
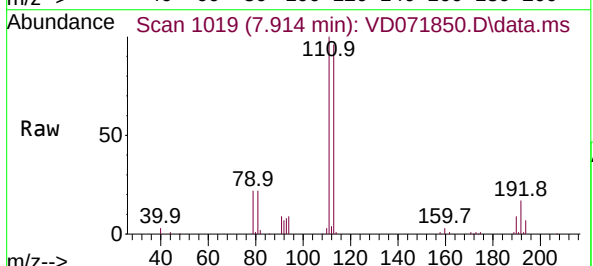
Tgt Ion:113 Resp: 247355

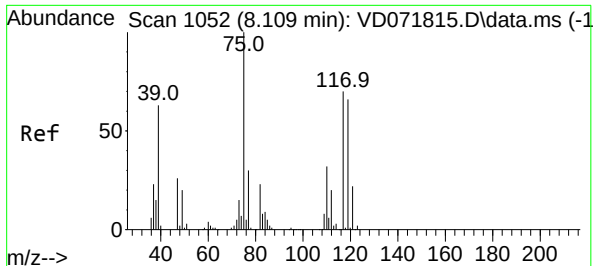
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.136 min

Lab File: VD071850.D

Acq: 31 Jan 2022 17:30

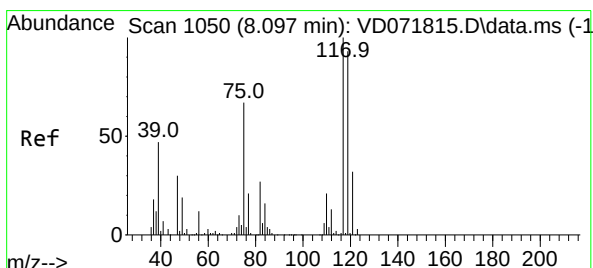
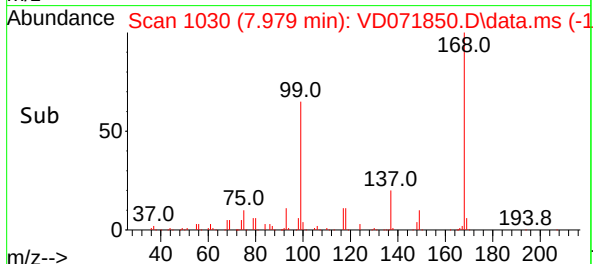
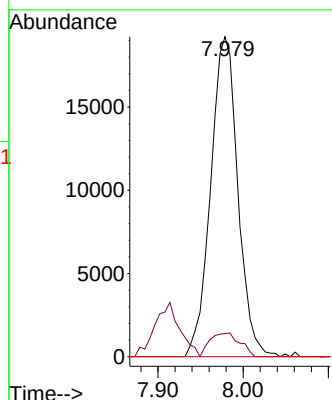
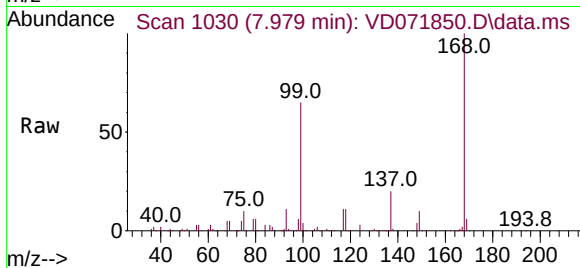
Instrument :

MSVOA_D

ClientSampleId :

TEX-2

Tgt Ion:	75	Resp:	42654
Ion Ratio	Lower	Upper	
75	100		
110	8.2	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.408 ug/l

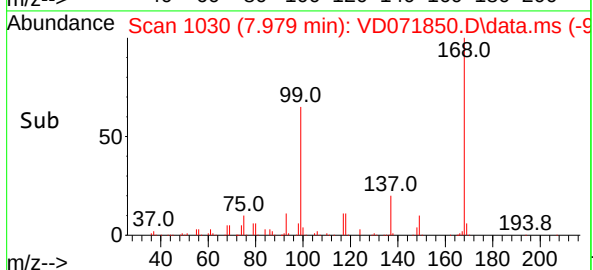
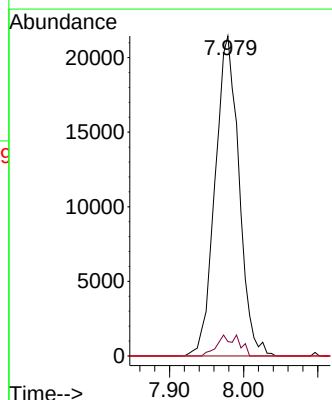
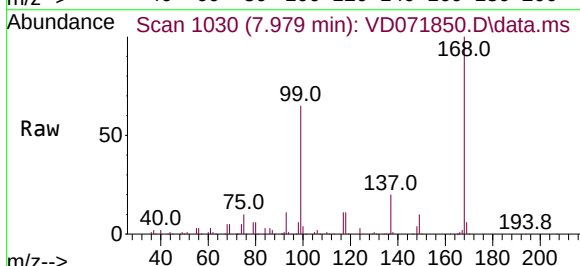
RT: 7.979 min Scan# 1030

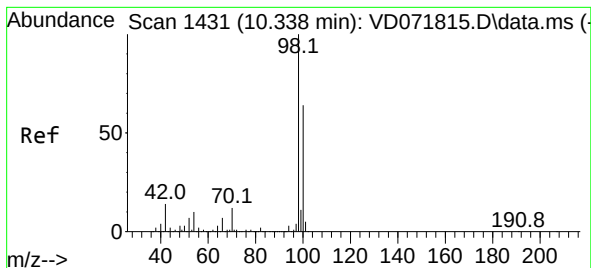
Delta R.T. -0.118 min

Lab File: VD071850.D

Acq: 31 Jan 2022 17:30

Tgt Ion:	117	Resp:	47988
Ion Ratio	Lower	Upper	
117	100		
119	4.5	75.8	113.6#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 51.802 ug/l

RT: 10.337 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071850.D

Acq: 31 Jan 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

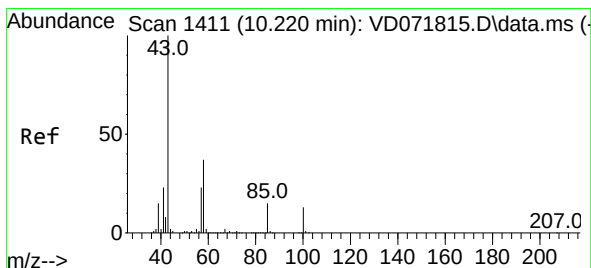
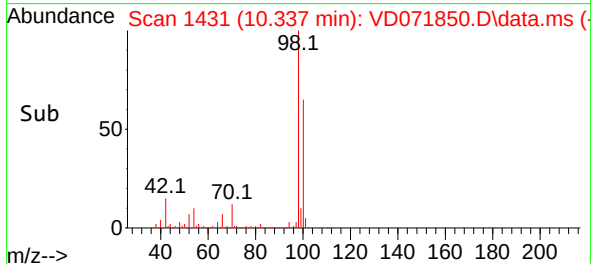
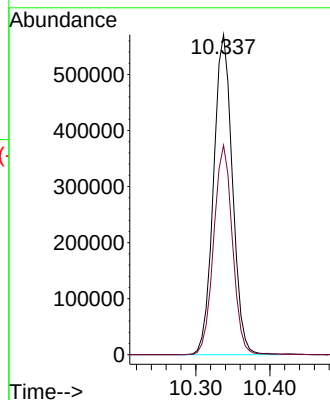
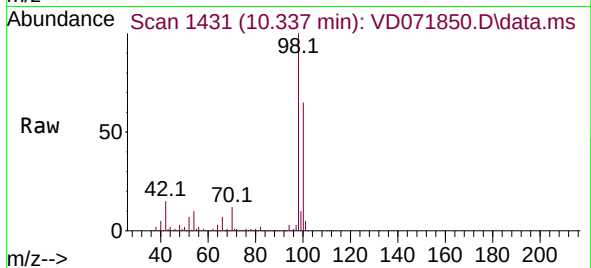
TEX-2

Tgt Ion: 98 Resp: 1011421

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 1.360 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.105 min

Lab File: VD071850.D

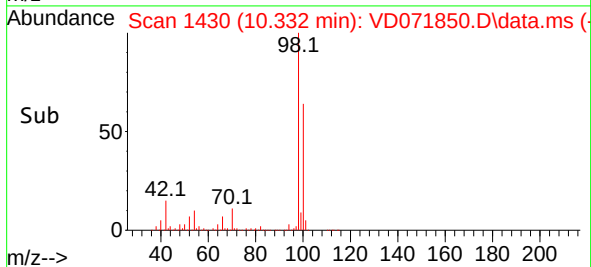
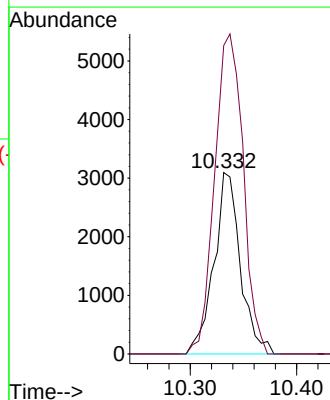
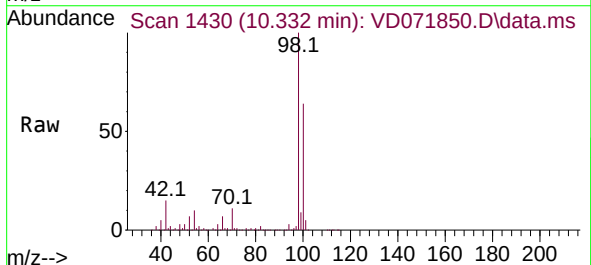
Acq: 31 Jan 2022 17:30

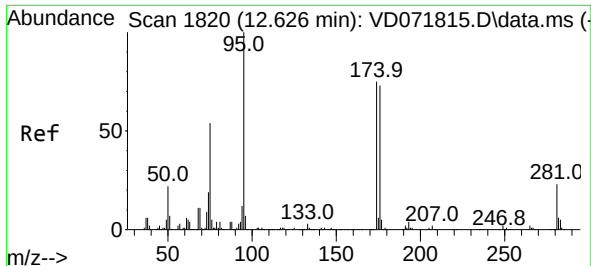
Tgt Ion: 43 Resp: 5335

Ion Ratio Lower Upper

43 100

58 190.6 28.6 43.0#

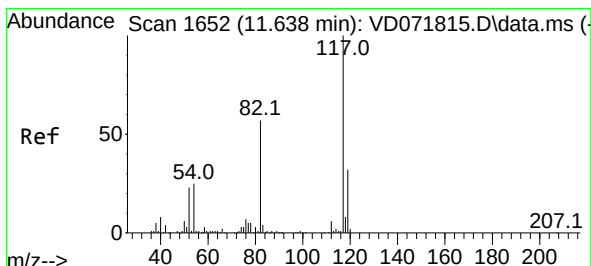
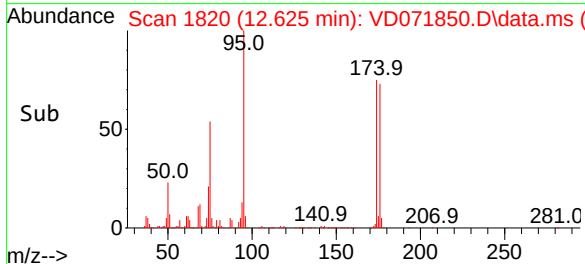
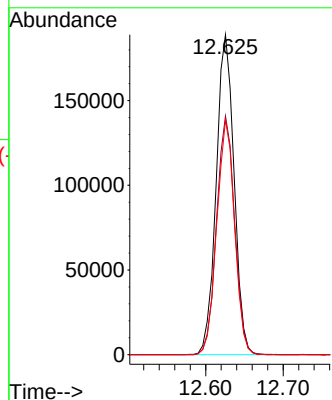
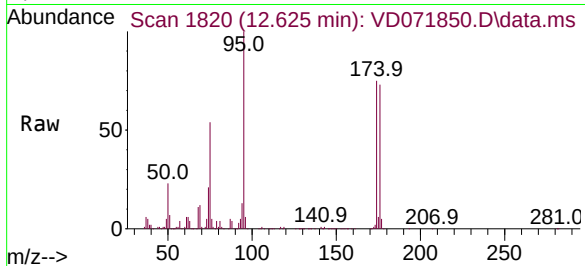




#62
4-Bromofluorobenzene
Concen: 44.309 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

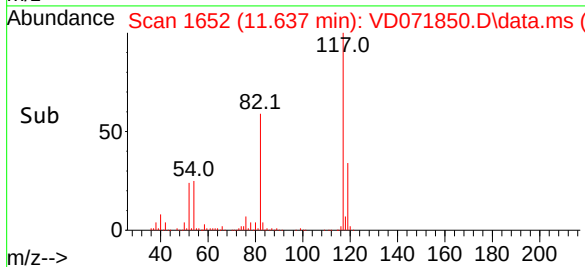
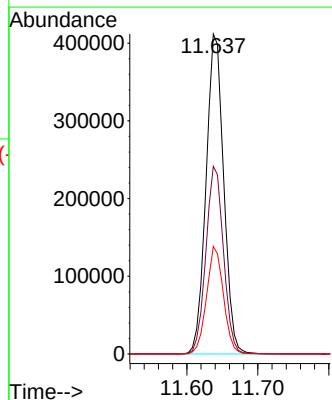
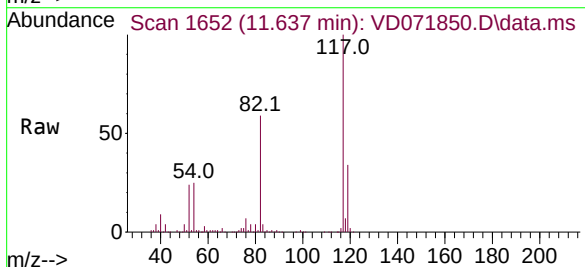
Instrument :
MSVOA_D
ClientSampleId :
TEX-2

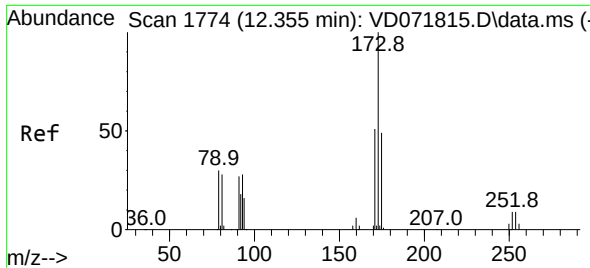
Tgt Ion: 95 Resp: 302109
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

Tgt Ion: 117 Resp: 711045
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 33.6 26.6 40.0

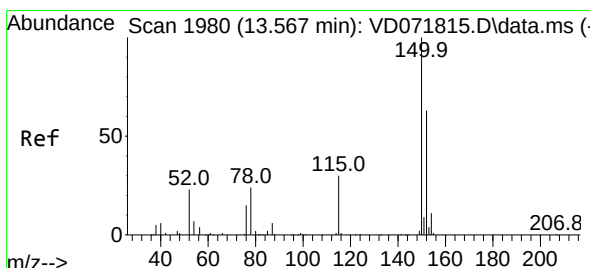
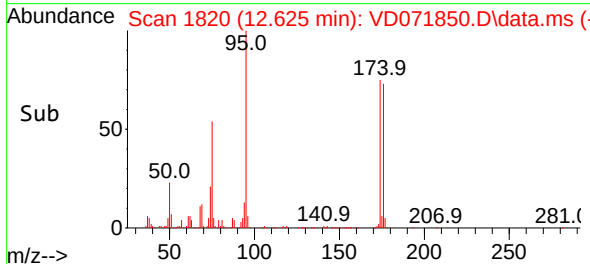
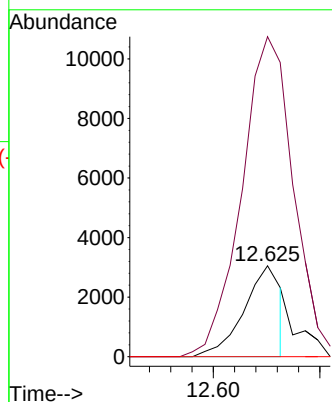
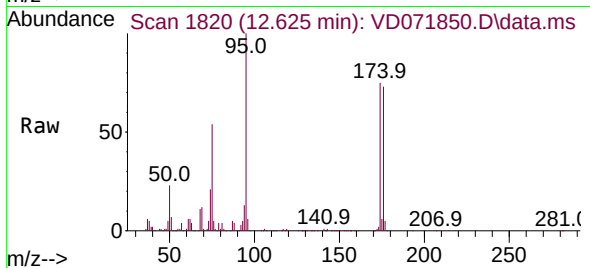




#71
Bromoform
Concen: 1.265 ug/l
RT: 12.625 min Scan# 1180
Delta R.T. 0.270 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

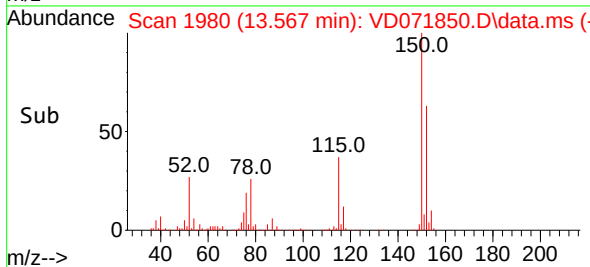
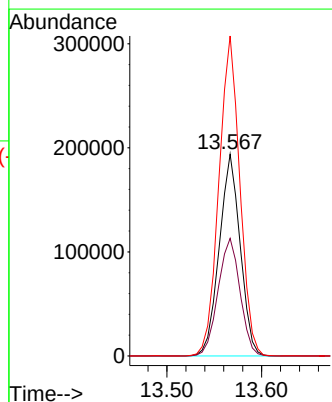
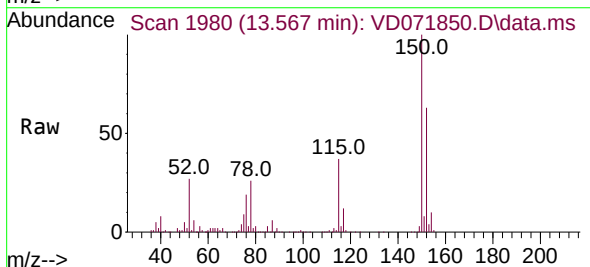
Instrument :
MSVOA_D
ClientSampleId :
TEX-2

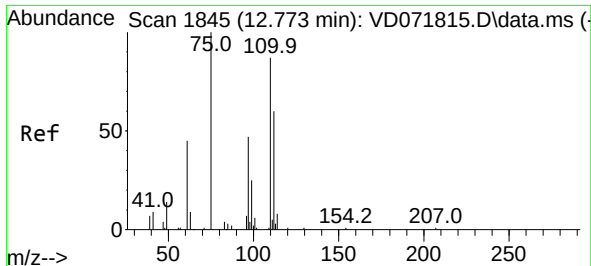
Tgt Ion:173 Resp: 3697
Ion Ratio Lower Upper
173 100
175 390.7 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

Tgt Ion:152 Resp: 297853
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.3 0.0 348.6

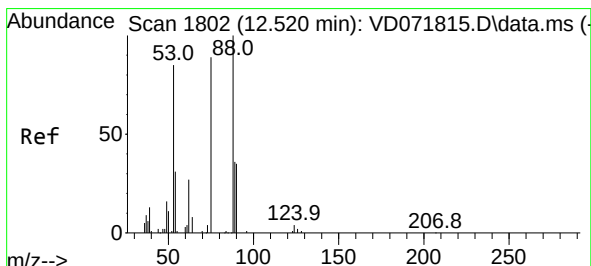
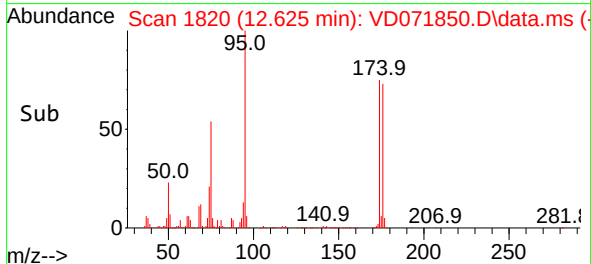
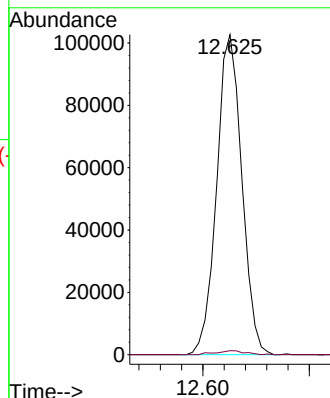
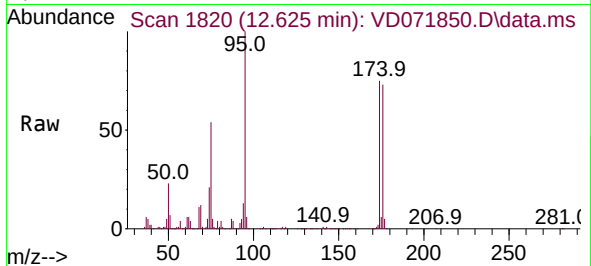




#76
1,2,3-Trichloropropane
Concen: 53.551 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

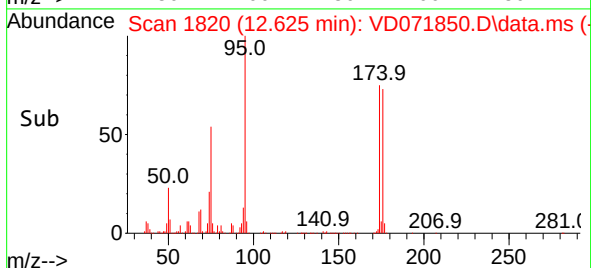
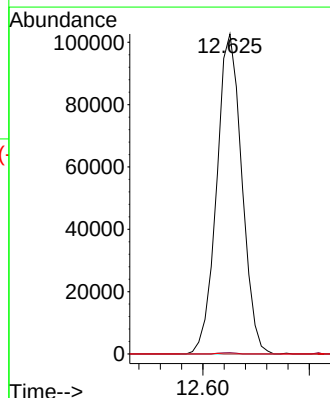
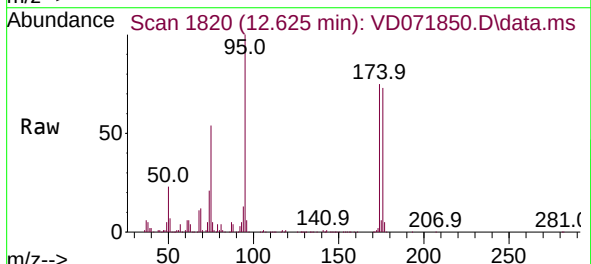
Instrument :
MSVOA_D
ClientSampleId :
TEX-2

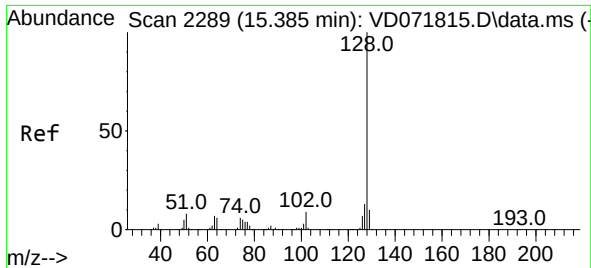
Tgt Ion: 75 Resp: 168096
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.669 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.105 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

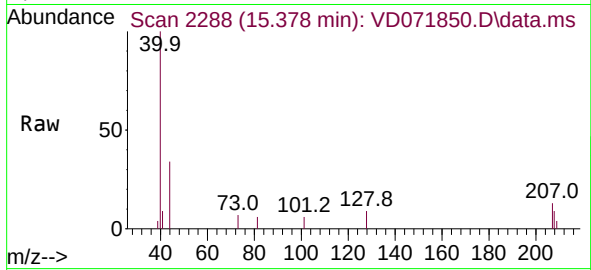
Tgt Ion: 75 Resp: 168096
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.483 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071850.D
Acq: 31 Jan 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
TEX-2



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

