

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071834.D
 Acq On : 28 Jan 2022 20:01
 Operator : VA/SY
 Sample : N1313-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 17B-MISC-ARE

Quant Time: Jan 29 04:53:18 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)

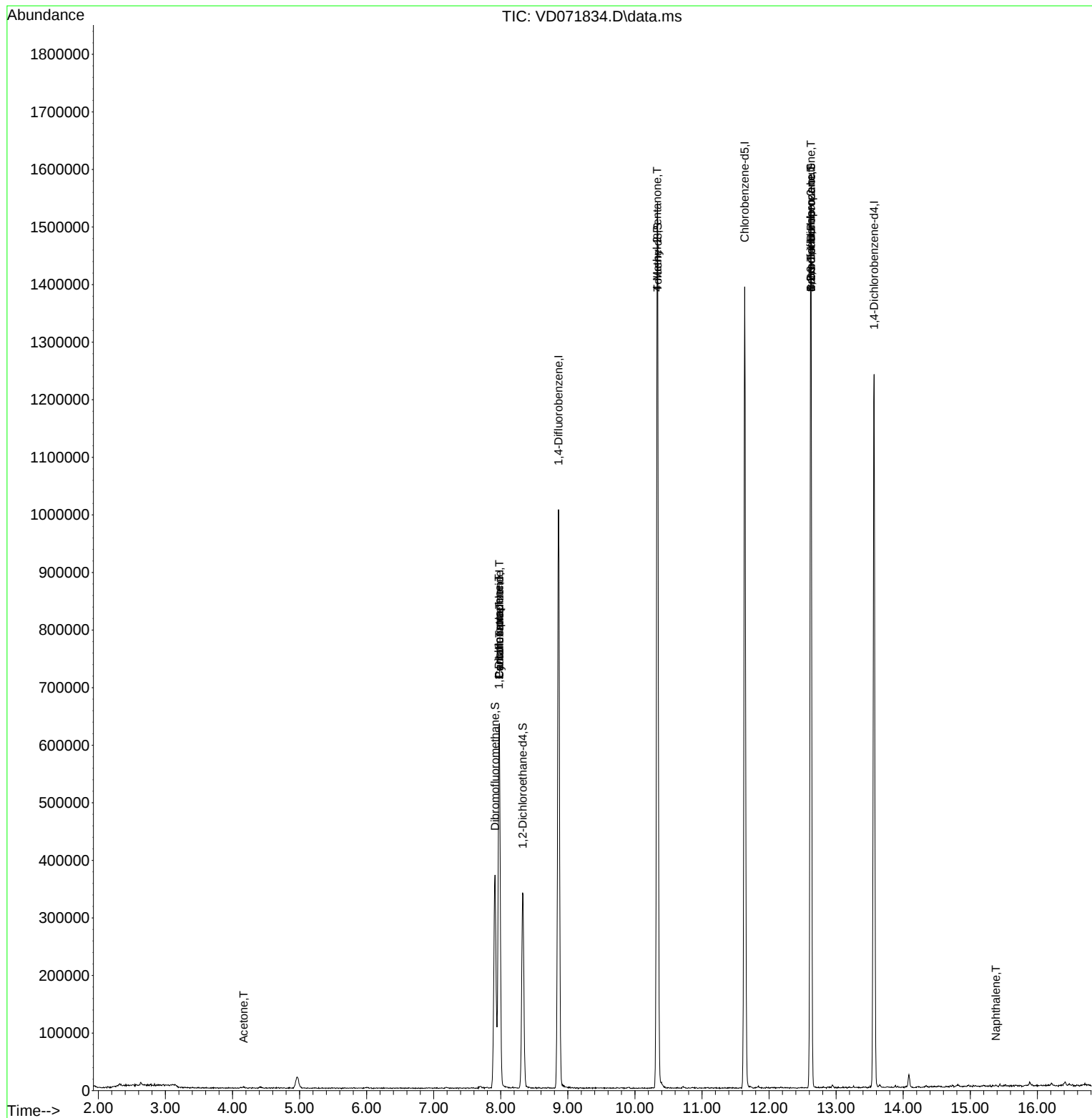
Internal Standards						
1) Pentafluorobenzene	7.979	168	434581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	796312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	275257	50.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.220%			
35) Dibromofluoromethane	7.914	113	257792	49.250	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.500%			
50) Toluene-d8	10.338	98	1015309	51.937	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.626	95	336746	49.328	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.660%			
Target Compounds						
16) Acetone	4.167	43	3066	2.039	ug/l	96
20) Methylene Chloride	4.967	84	14454	Below Cal	#	83
31) Cyclohexane	7.979	56	11895	1.134	ug/l #	39
36) 1,1-Dichloropropene	7.973	75	41679	4.639	ug/l #	51
38) Carbon Tetrachloride	7.979	117	49251	5.543	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	5846	1.488	ug/l #	1
71) Bromoform	12.626	173	3066	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	192784	59.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	192784	145.120	ug/l #	8
95) Naphthalene	15.385	128	2062	1.640	ug/l #	79

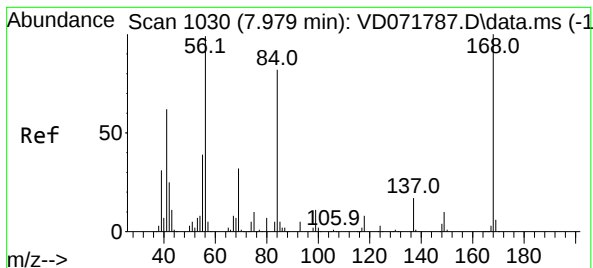
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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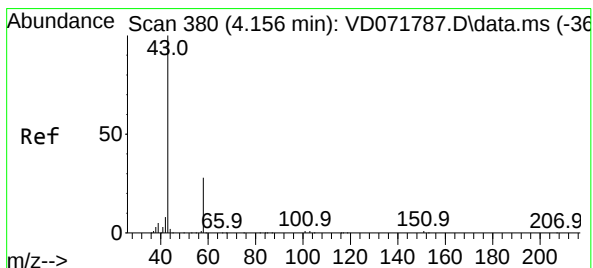
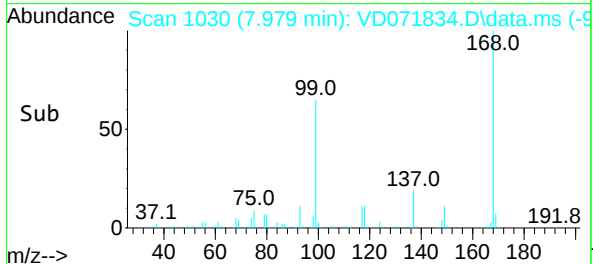
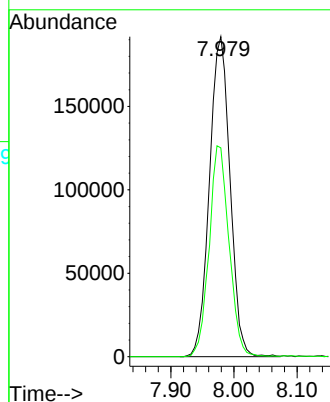
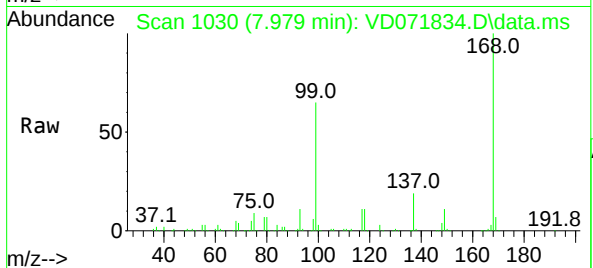




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

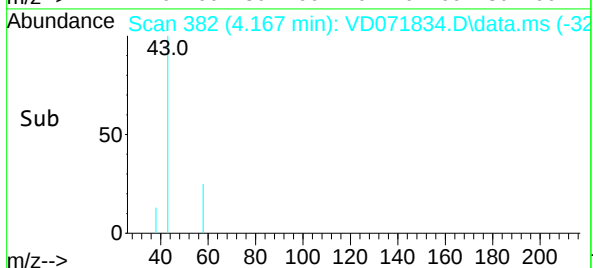
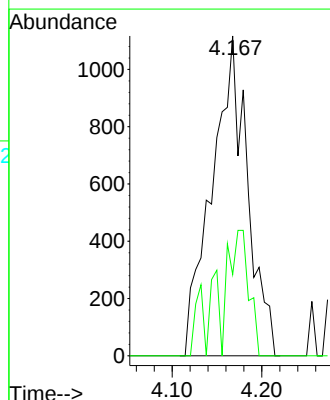
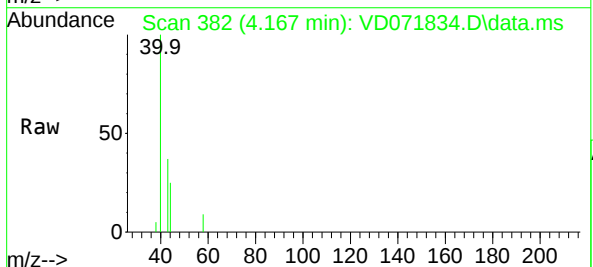
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-ARE

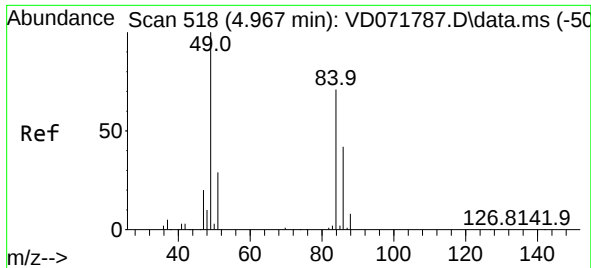
Tgt Ion:168 Resp: 434581
Ion Ratio Lower Upper
168 100
99 65.2 49.8 74.6



#16
Acetone
Concen: 2.039 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 25.4 22.1 33.1

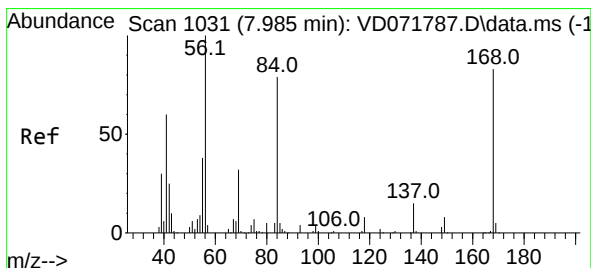
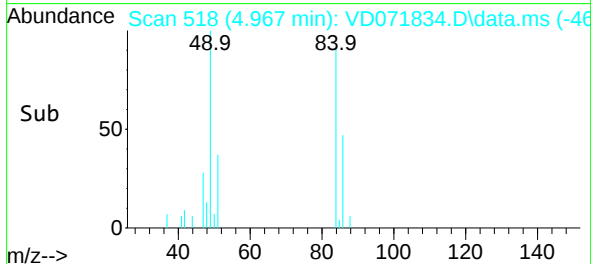
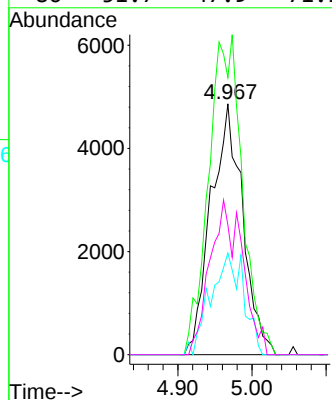
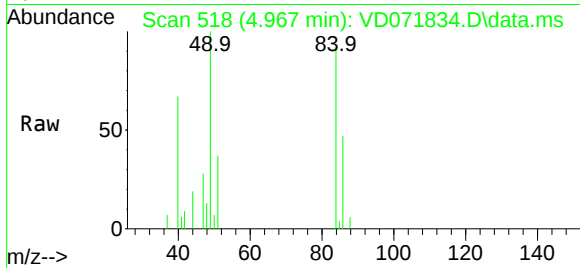




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

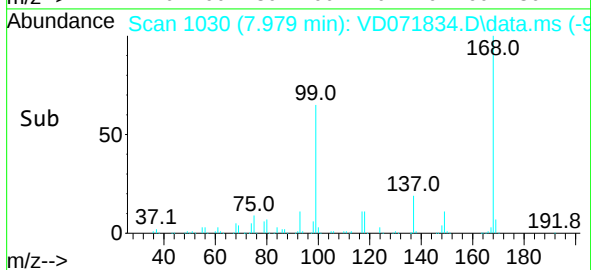
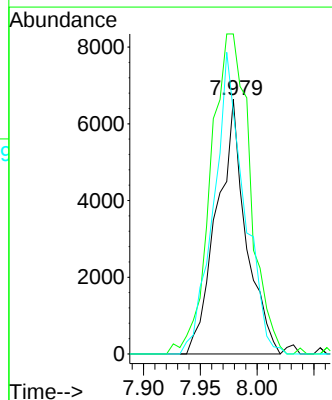
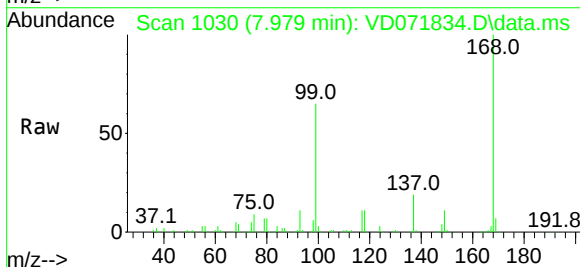
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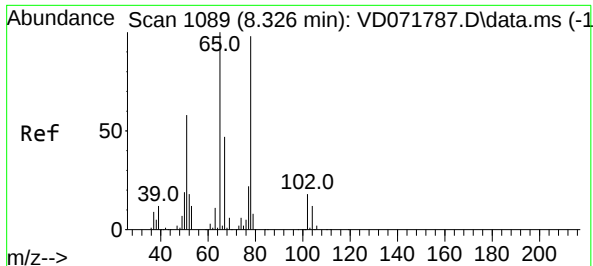
Tgt Ion:	84	Resp:	14454
Ion	Ratio	Lower	Upper
84	100		
49	110.5	112.8	169.2#
51	40.5	32.6	48.8
86	51.7	47.9	71.9



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Tgt Ion:	56	Resp:	11895
Ion	Ratio	Lower	Upper
56	100		
69	123.2	25.4	38.2#
84	95.1	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.112 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071834.D

Acq: 28 Jan 2022 20:01

Instrument :

MSVOA_D

ClientSampleId :

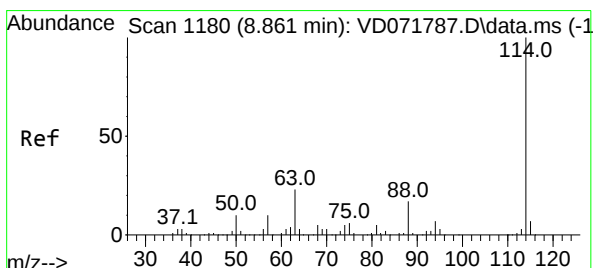
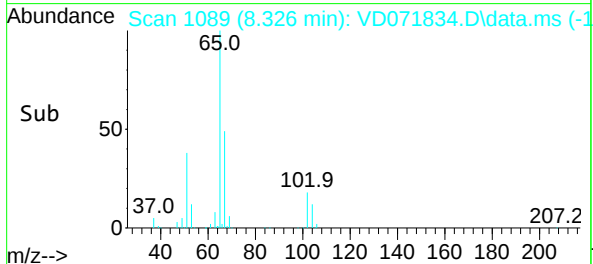
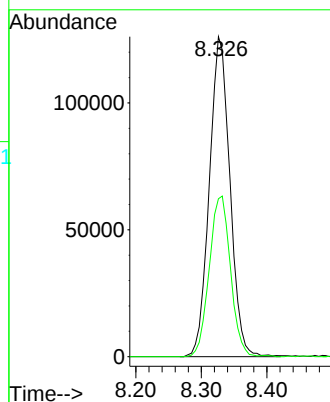
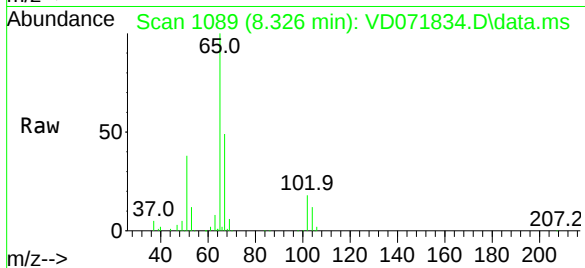
17B-MISC-ARE

Tgt Ion: 65 Resp: 275257

Ion Ratio Lower Upper

65 100

67 51.6 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: VD071834.D

Acq: 28 Jan 2022 20:01

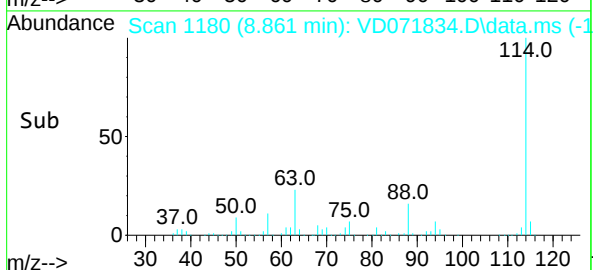
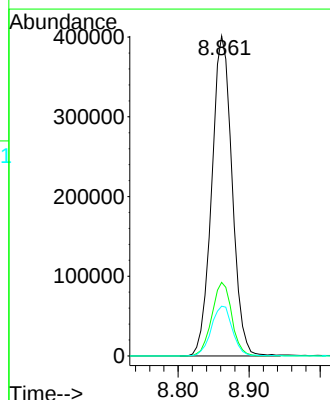
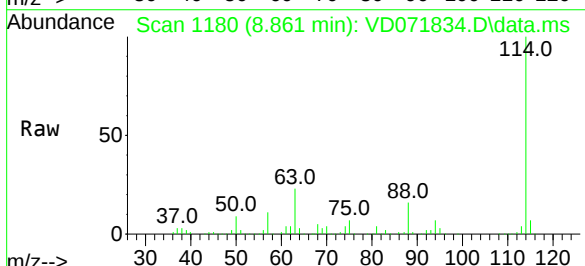
Tgt Ion: 114 Resp: 796312

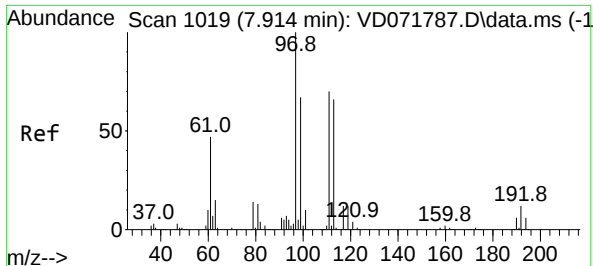
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.250 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071834.D

Acq: 28 Jan 2022 20:01

Instrument :

MSVOA_D

ClientSampleId :

17B-MISC-ARE

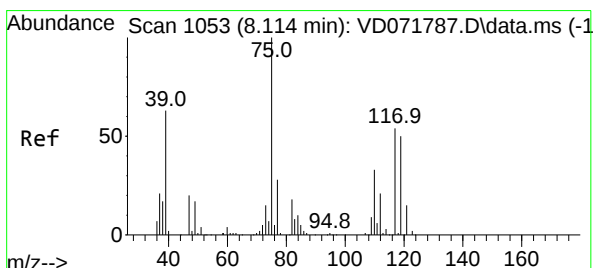
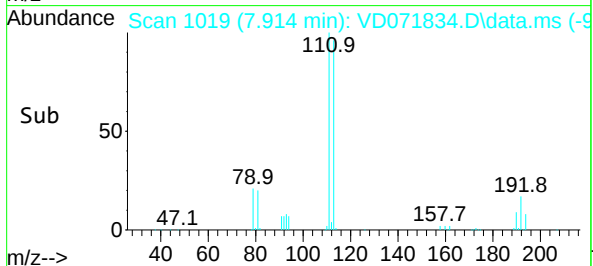
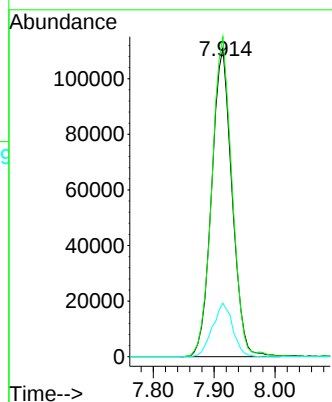
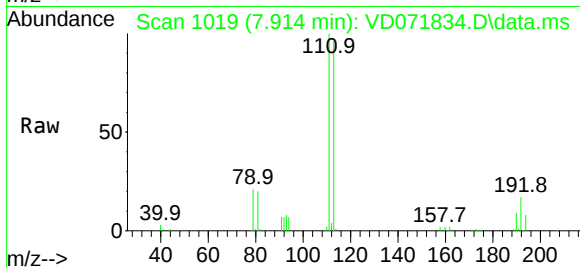
Tgt Ion:113 Resp: 257792

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.639 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071834.D

Acq: 28 Jan 2022 20:01

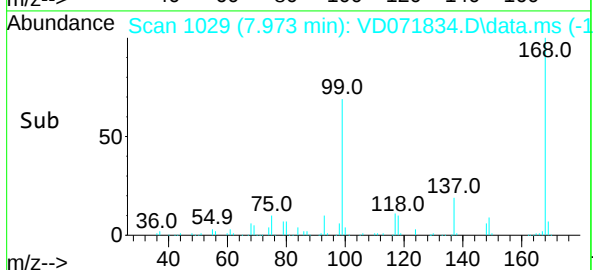
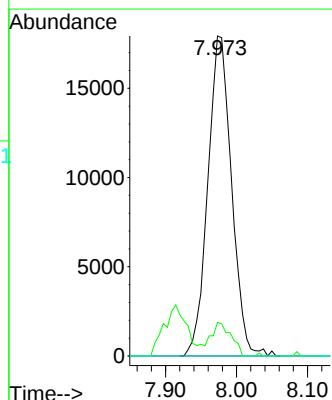
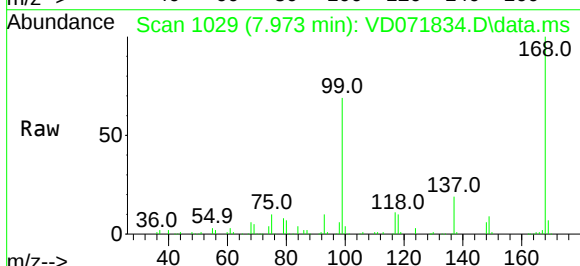
Tgt Ion: 75 Resp: 41679

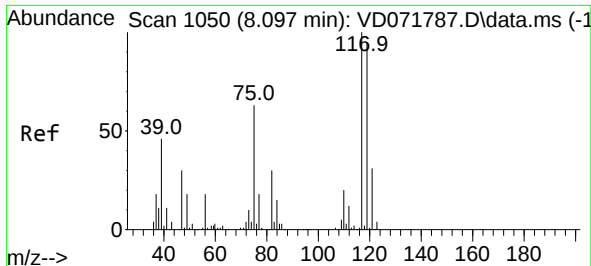
Ion Ratio Lower Upper

75 100

110 8.5 16.4 49.1#

77 0.0 24.2 36.2#

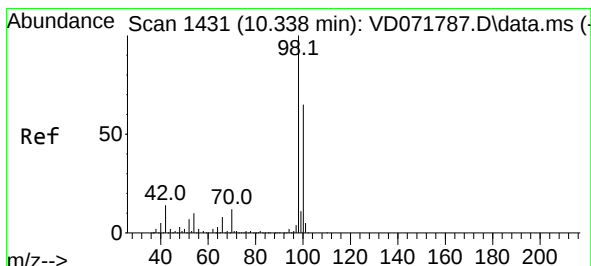
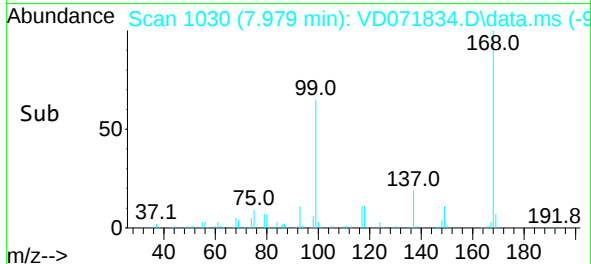
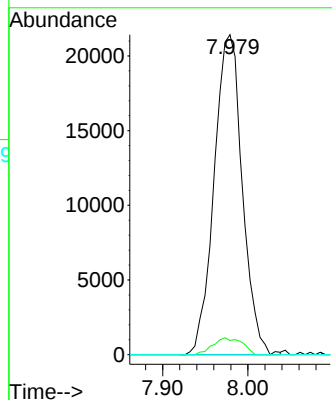
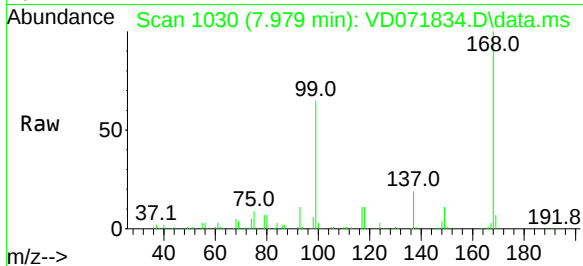




#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

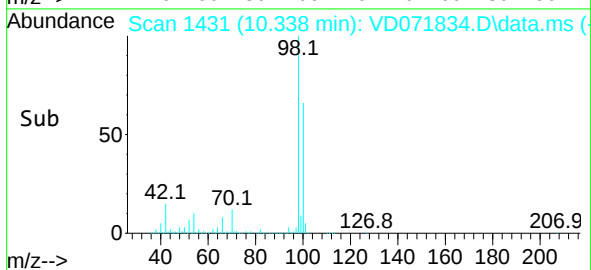
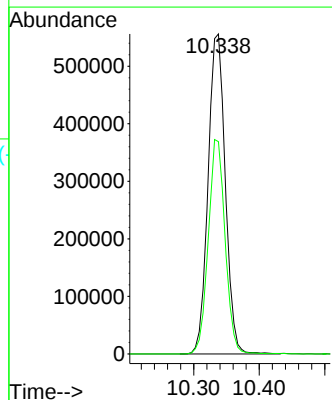
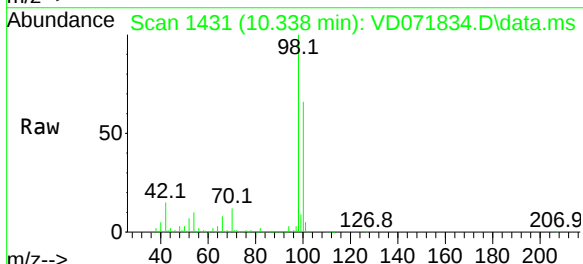
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17B-MISC-ARE

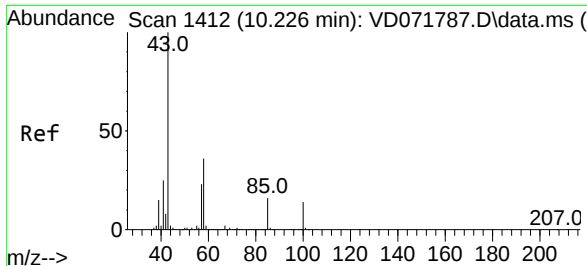
Tgt Ion:117 Resp: 49251
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.937 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Tgt Ion: 98 Resp: 1015309
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

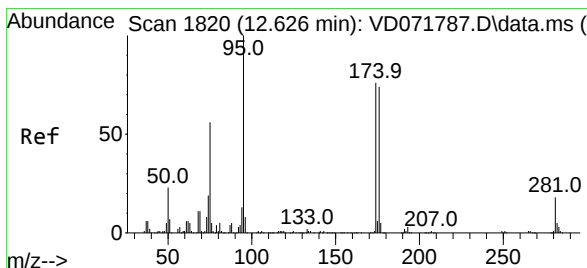
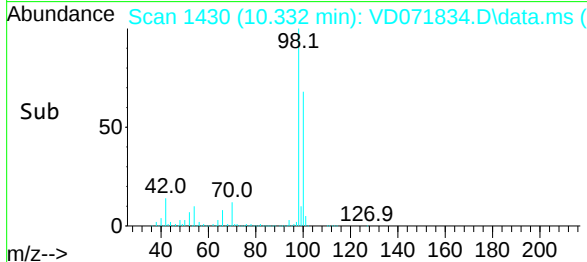
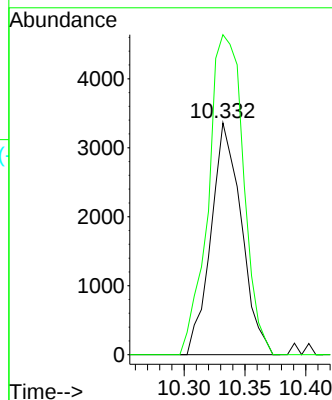
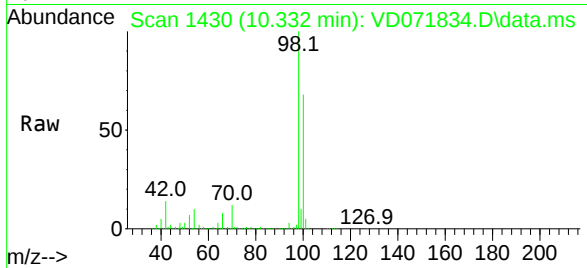




#51
4-Methyl-2-Pentanone
Concen: 1.488 ug/l
RT: 10.332 min Scan# 1412
Delta R.T. 0.106 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

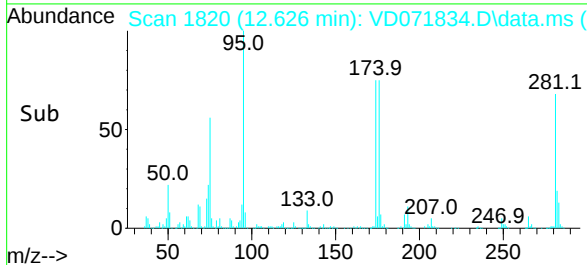
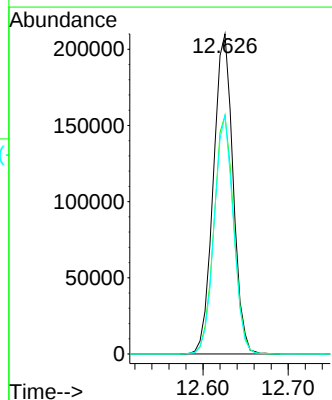
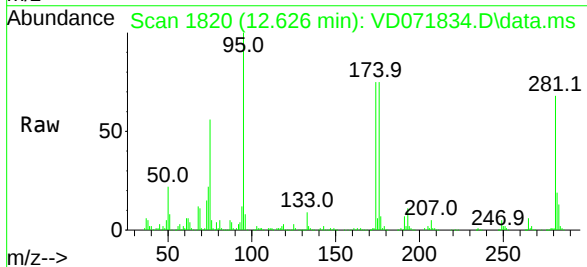
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17B-MISC-ARE

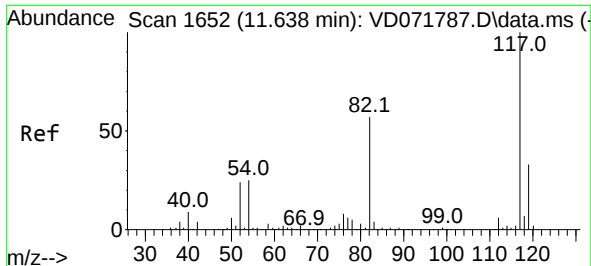
Tgt Ion: 43 Resp: 5846
Ion Ratio Lower Upper
43 100
58 159.5 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 49.328 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Tgt Ion: 95 Resp: 336746
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 72.7 0.0 145.4

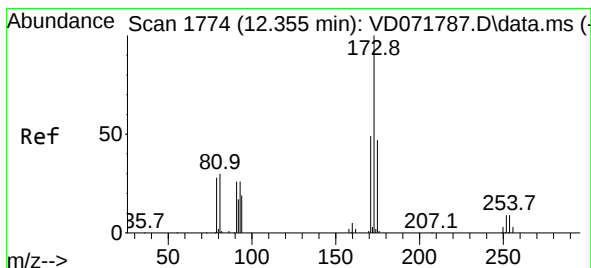
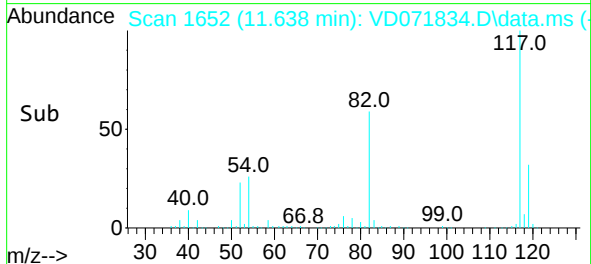
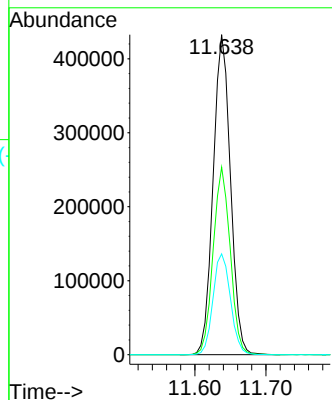
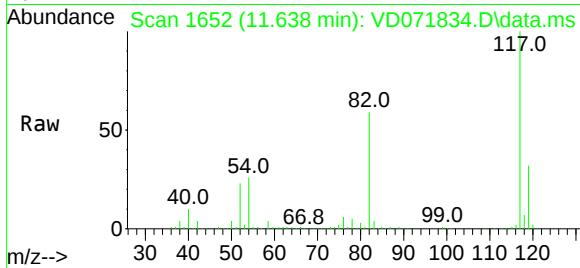




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

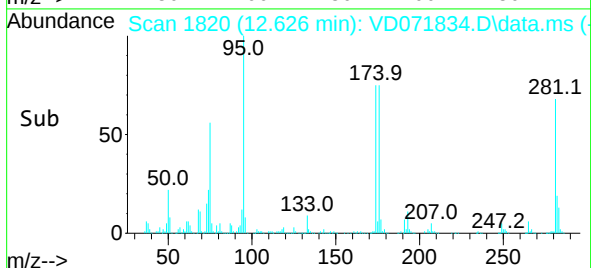
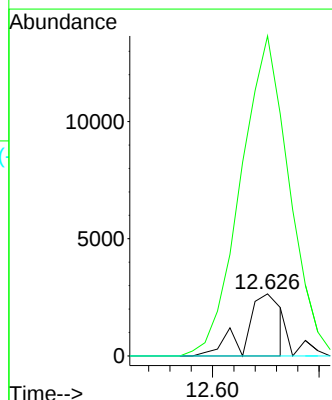
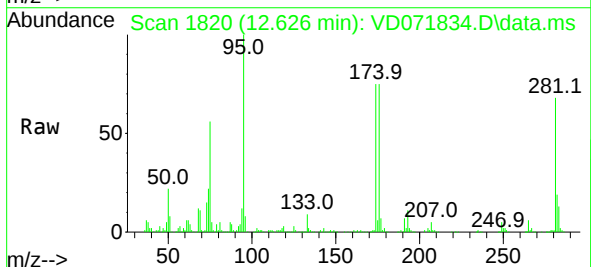
Instrument :
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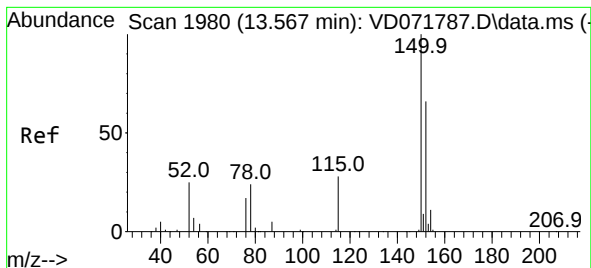
Tgt Ion:117 Resp: 732184
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 31.5 26.6 40.0



#71
Bromoform
Concen: 1.019 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Tgt Ion:173 Resp: 3066
Ion Ratio Lower Upper
173 100
175 582.3 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: VD071834.D

Acq: 28 Jan 2022 20:01

Instrument :

MSVOA_D

ClientSampleId :

17B-MISC-ARE

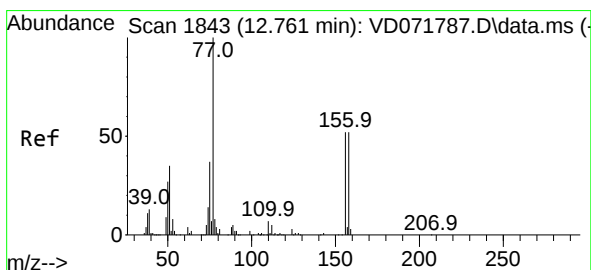
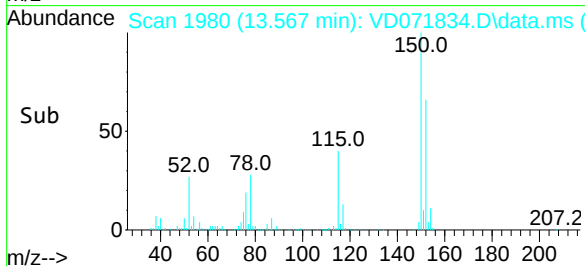
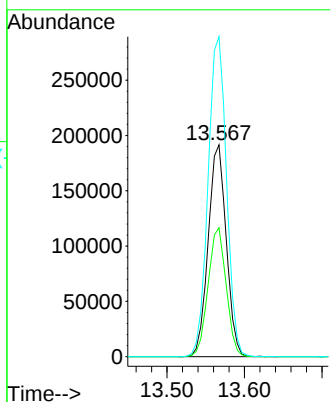
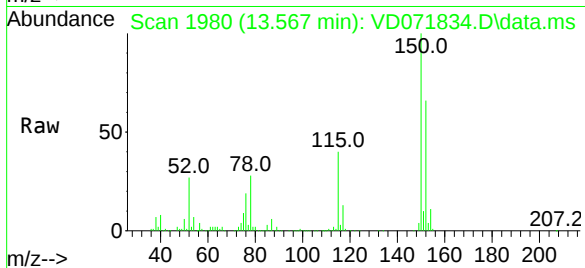
Tgt Ion:152 Resp: 309937

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 154.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 59.021 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071834.D

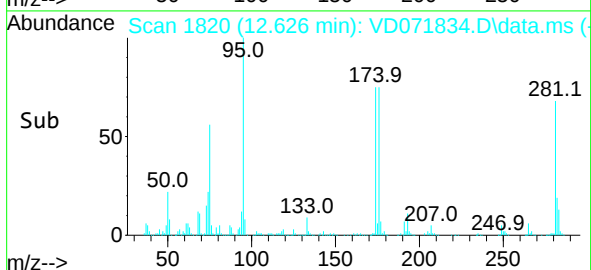
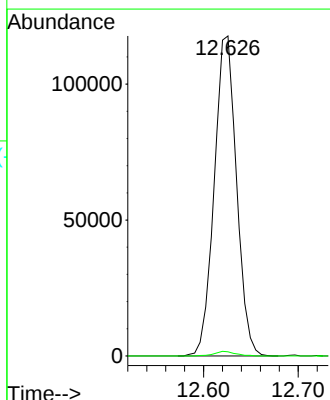
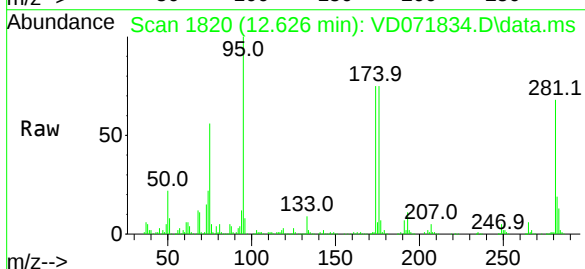
Acq: 28 Jan 2022 20:01

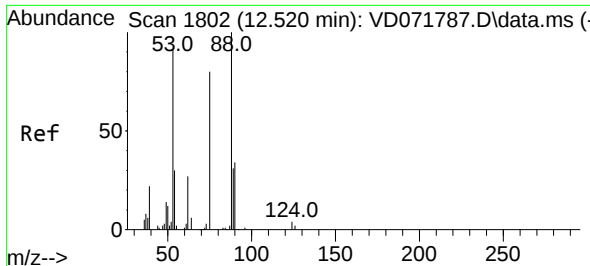
Tgt Ion: 75 Resp: 192784

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

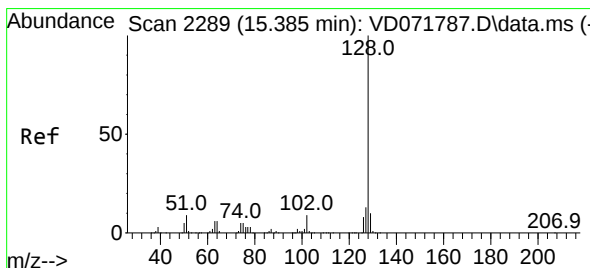
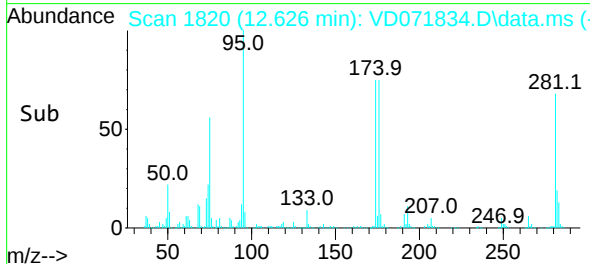
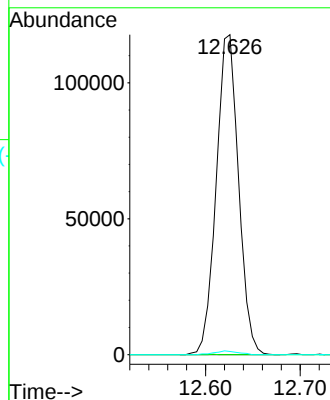
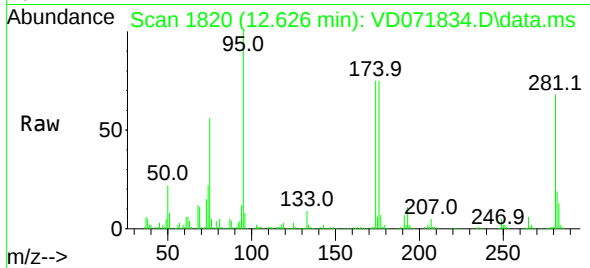




#81
trans-1,4-Dichloro-2-butene
Concen: 145.120 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-ARE

Tgt Ion: 75 Resp: 192784
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 1.3 33.9 50.9#



#95
Naphthalene
Concen: 1.640 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071834.D
Acq: 28 Jan 2022 20:01

Tgt Ion:128 Resp: 2062
Ion Ratio Lower Upper
128 100
127 6.8 10.3 15.5#
129 0.0 8.4 12.6#

