

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071827.D
 Acq On : 28 Jan 2022 16:43
 Operator : VA/SY
 Sample : N1313-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 17B-MISC-A

Quant Time: Jan 29 04:52:15 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	436006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	763762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295381	53.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.914	113	274607	50.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.338	98	1050773	51.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.626	95	347213	48.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.040%

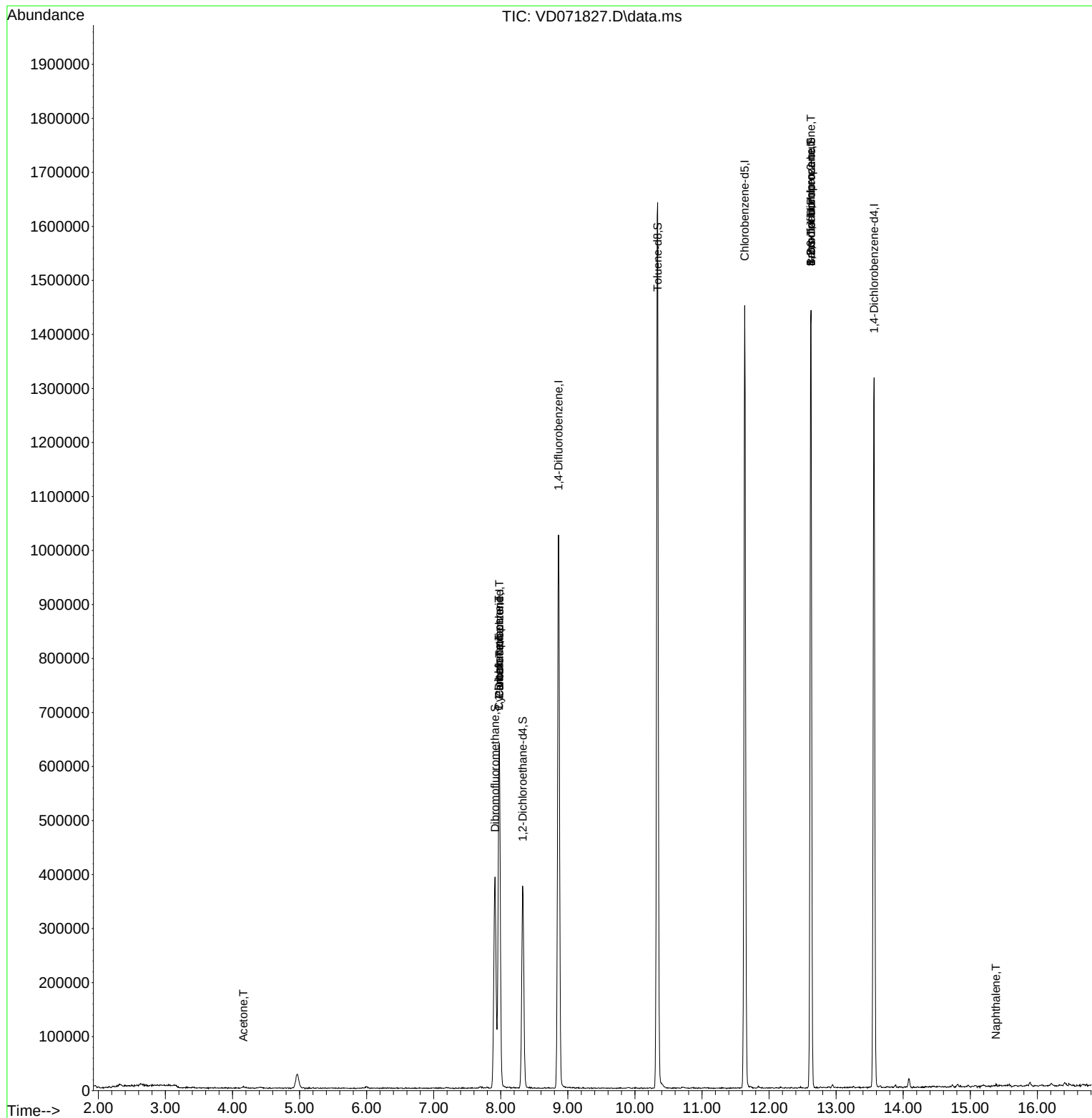
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.209	59	137	Below Cal	#	74
16) Acetone	4.162	43	5107	3.385	ug/l #	87
20) Methylene Chloride	4.973	84	18690	Below Cal	#	83
31) Cyclohexane	7.973	56	12600	1.198	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	41224	4.377	ug/l #	52
38) Carbon Tetrachloride	7.979	117	50134	5.383	ug/l #	16
71) Bromoform	12.626	173	3601	1.147	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	195541	57.656	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	195541	141.763	ug/l #	7
95) Naphthalene	15.384	128	2546	1.675	ug/l #	77

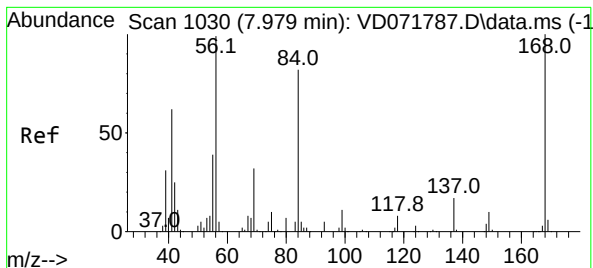
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

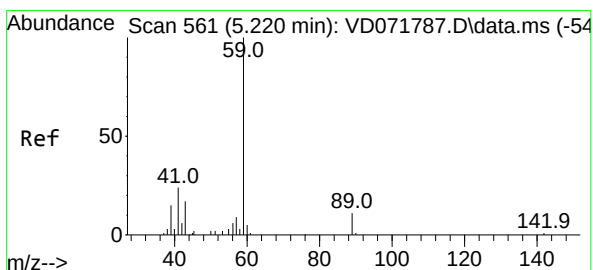
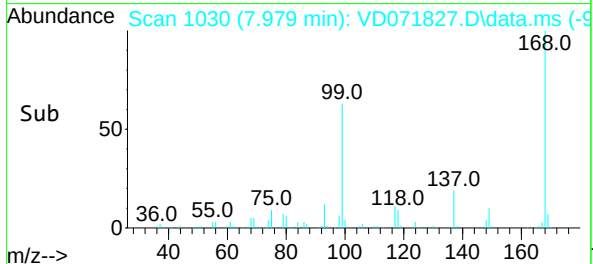
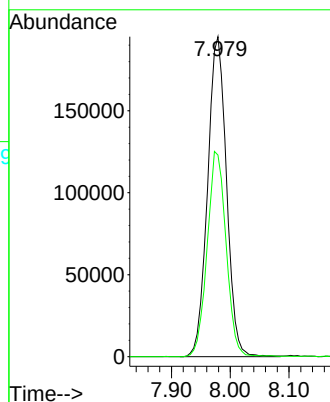
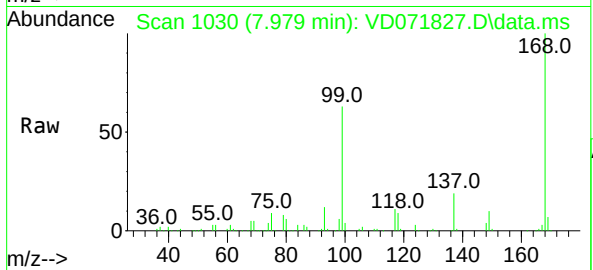




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

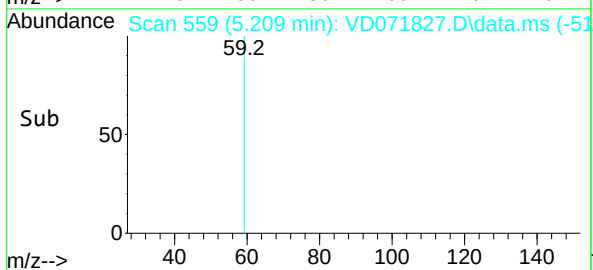
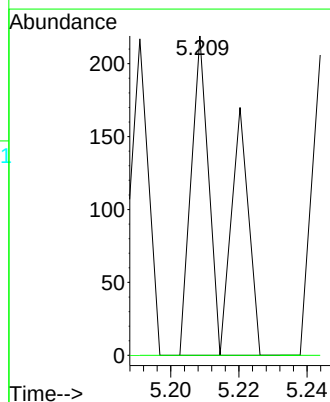
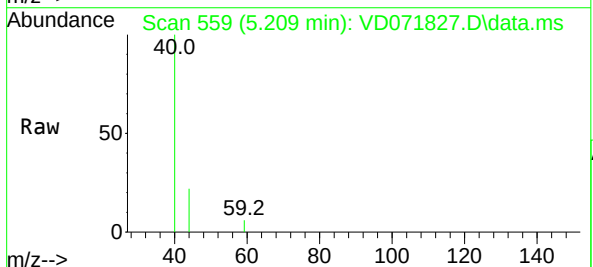
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

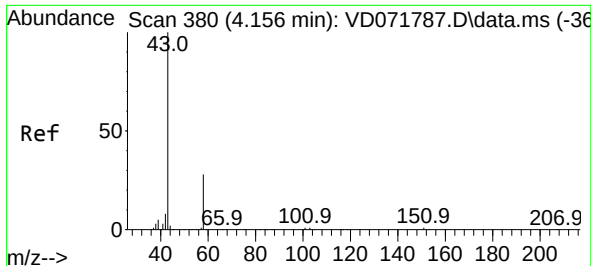
Tgt Ion:168 Resp: 436006
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

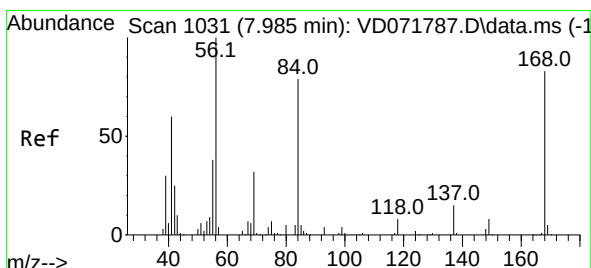
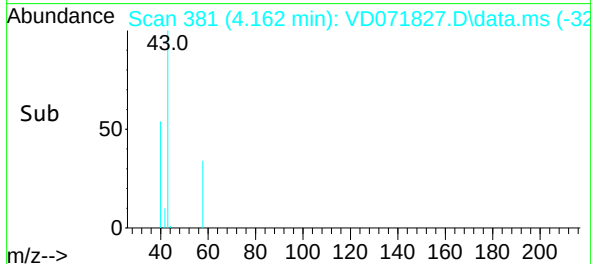
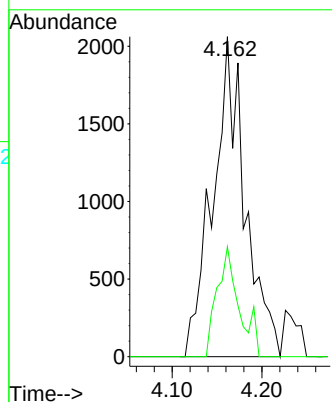
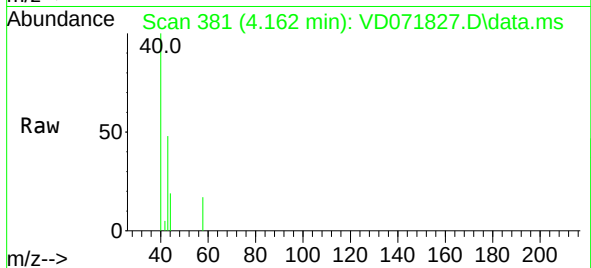




#16
Acetone
Concen: 3.385 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

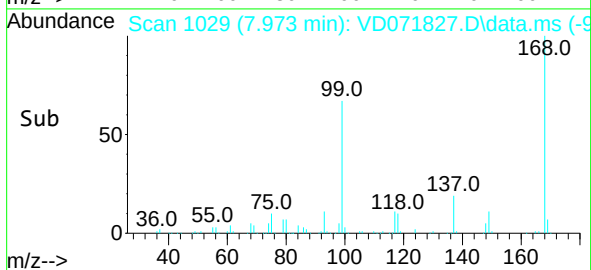
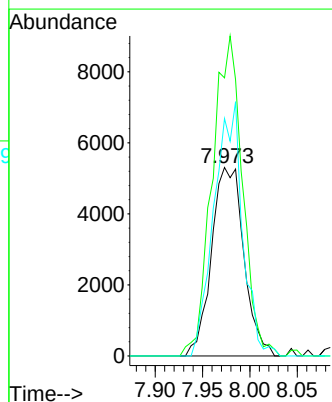
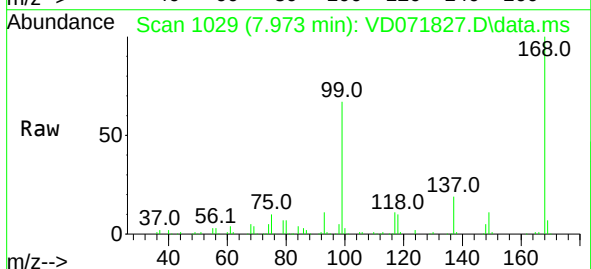
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

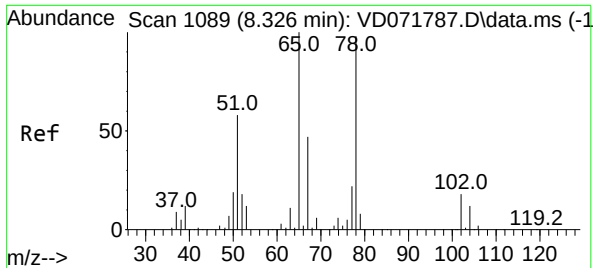
Tgt Ion: 43 Resp: 5107
Ion Ratio Lower Upper
43 100
58 34.3 22.1 33.1#



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion: 56 Resp: 12600
Ion Ratio Lower Upper
56 100
69 147.6 25.4 38.2#
84 126.0 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071827.D

Acq: 28 Jan 2022 16:43

Instrument :

MSVOA_D

ClientSampleId :

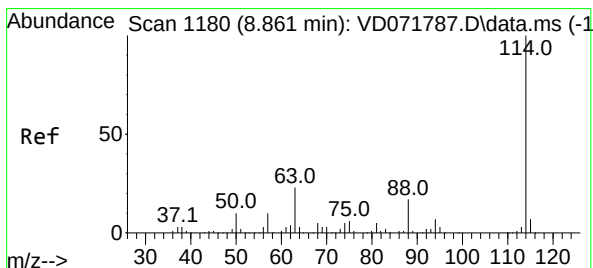
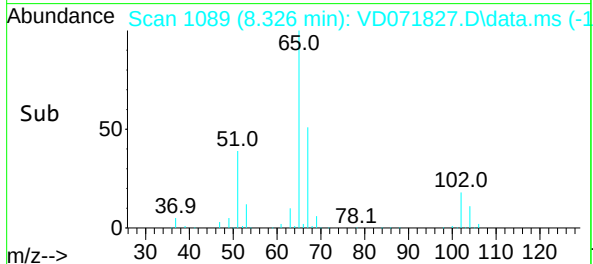
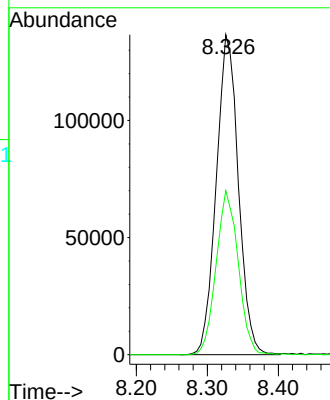
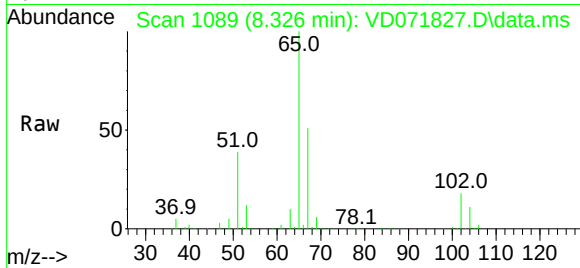
17B-MISC-A

Tgt Ion: 65 Resp: 295381

Ion Ratio Lower Upper

65 100

67 51.3 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: VD071827.D

Acq: 28 Jan 2022 16:43

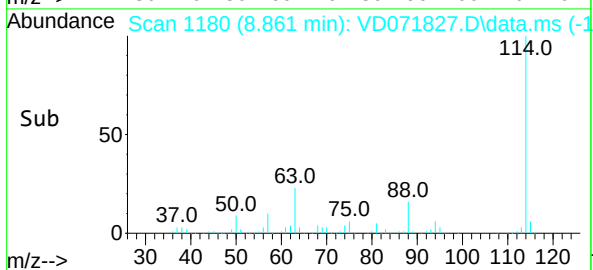
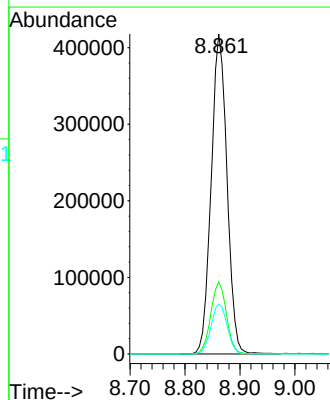
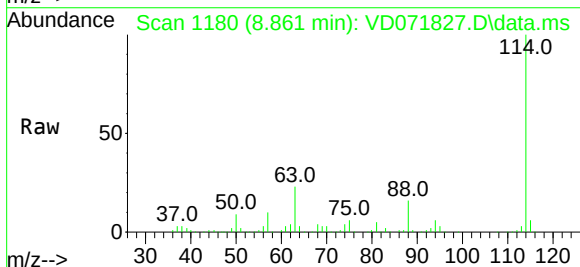
Tgt Ion: 114 Resp: 834741

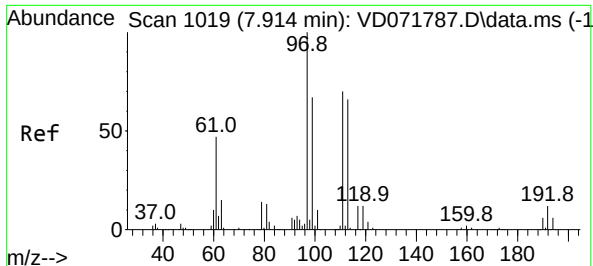
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.047 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071827.D

Acq: 28 Jan 2022 16:43

Instrument :

MSVOA_D

ClientSampleId :

17B-MISC-A

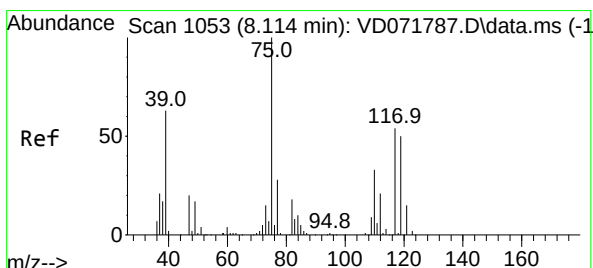
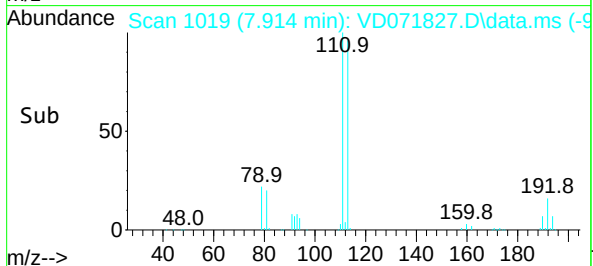
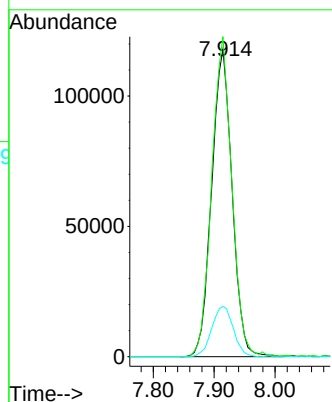
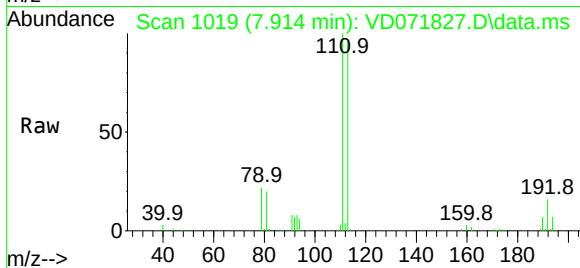
Tgt Ion:113 Resp: 274607

Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 17.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071827.D

Acq: 28 Jan 2022 16:43

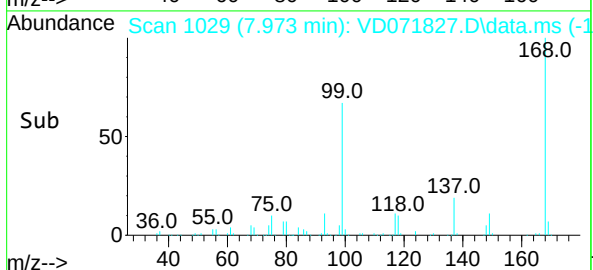
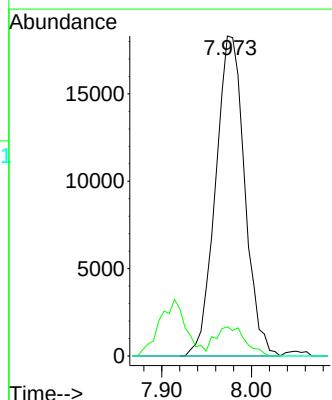
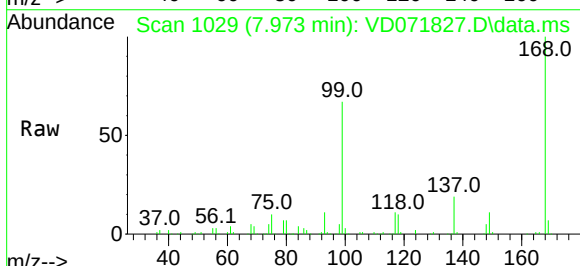
Tgt Ion: 75 Resp: 41224

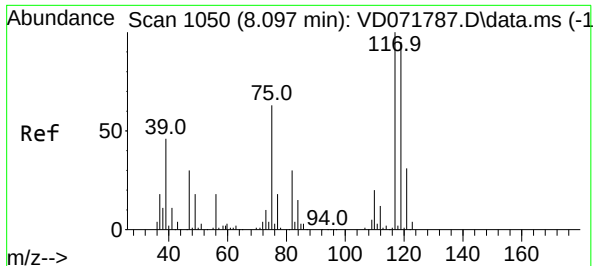
Ion Ratio Lower Upper

75 100

110 9.4 16.4 49.1#

77 0.0 24.2 36.2#

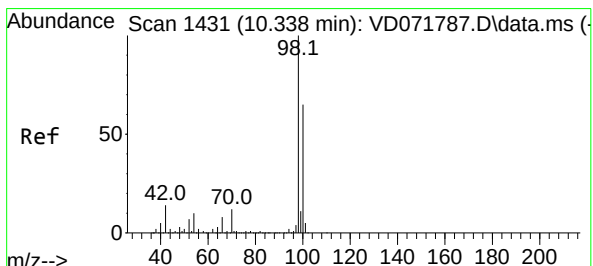
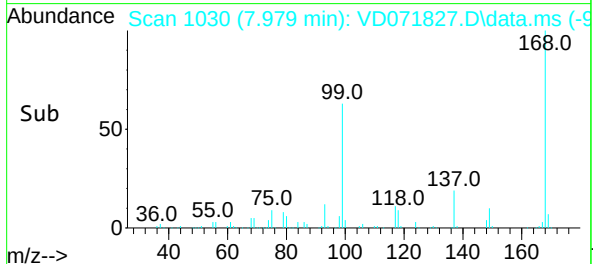
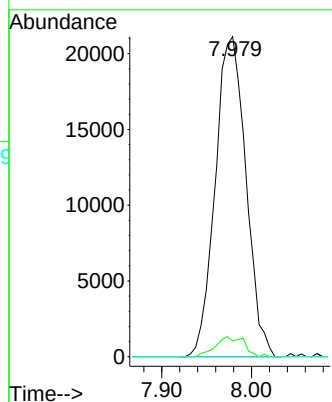
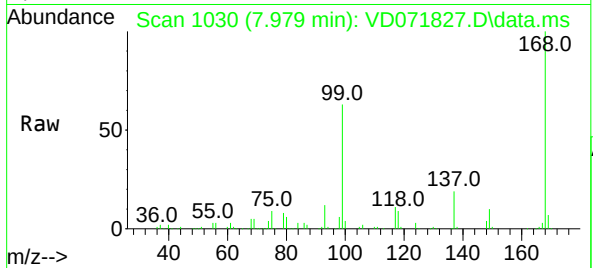




#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

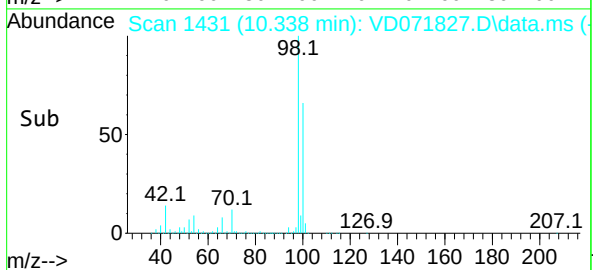
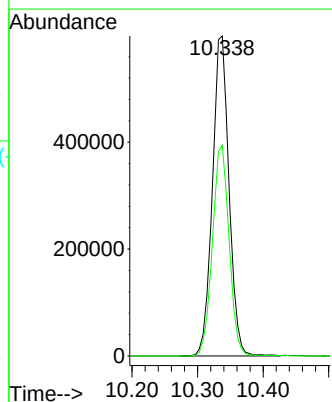
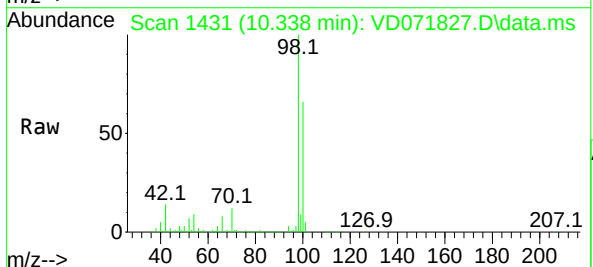
Instrument :
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ClientSampleId :
17B-MISC-A

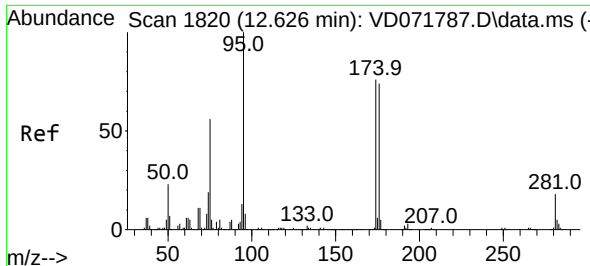
Tgt Ion:117 Resp: 50134
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.277 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion: 98 Resp: 1050773
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

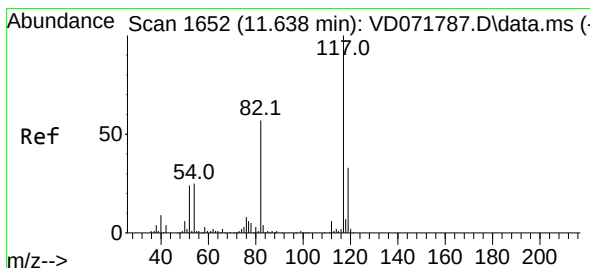
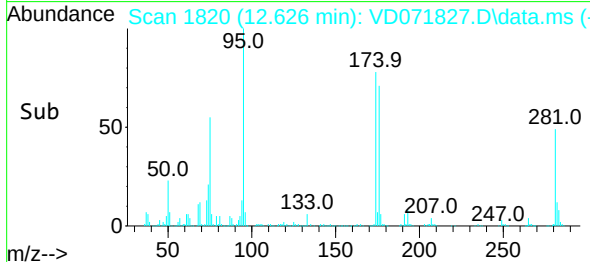
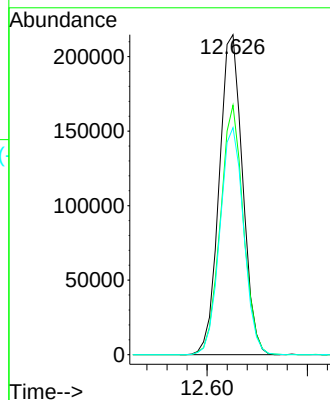
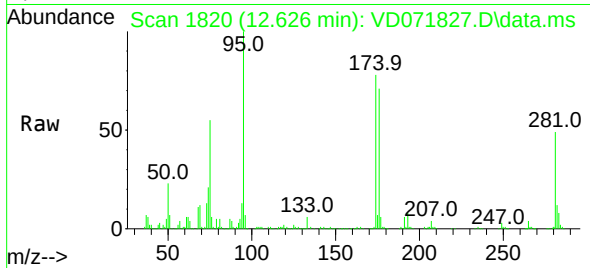




#62
4-Bromofluorobenzene
Concen: 48.520 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

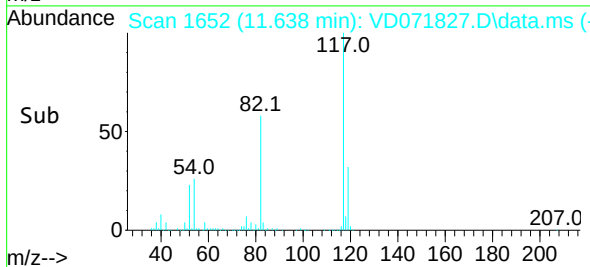
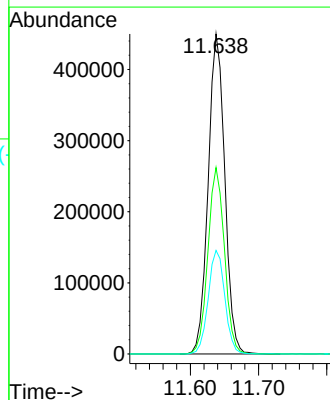
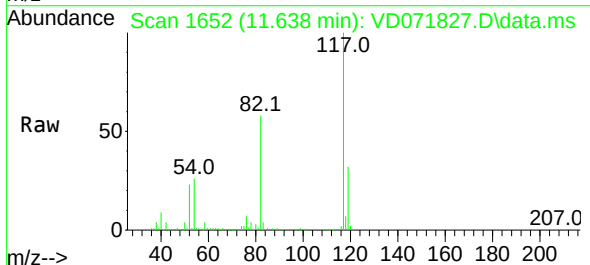
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

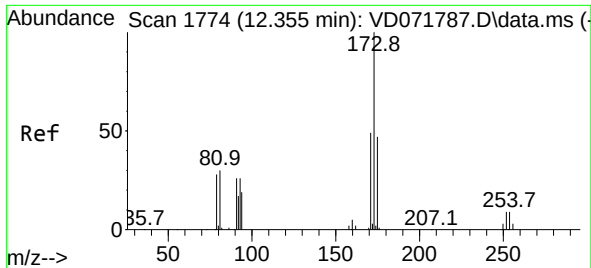
Tgt Ion: 95 Resp: 347213
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 72.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion: 117 Resp: 763762
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.3 26.6 40.0

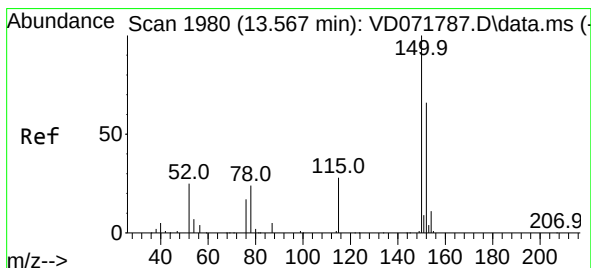
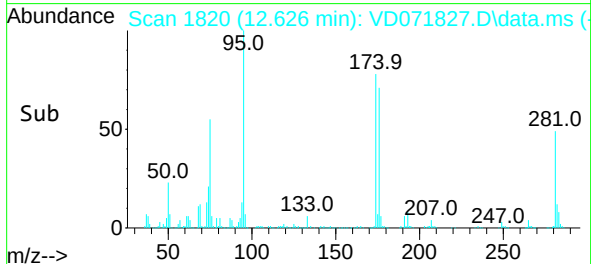
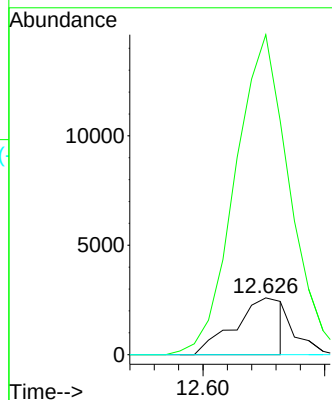
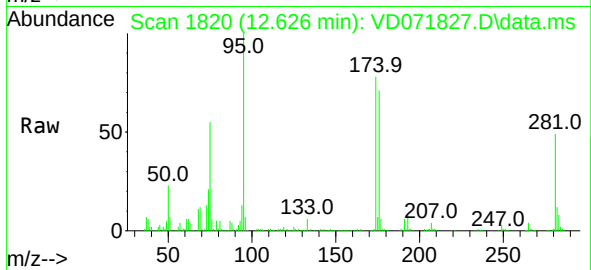




#71
Bromoform
Concen: 1.147 ug/l
RT: 12.626 min Scan# 1774
Delta R.T. 0.271 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

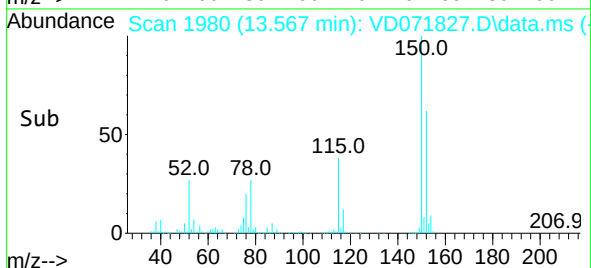
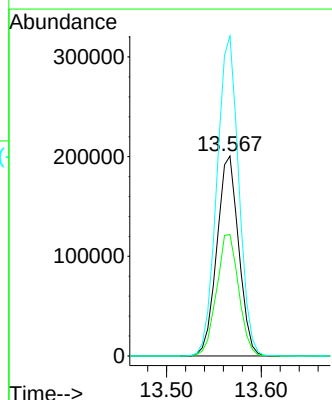
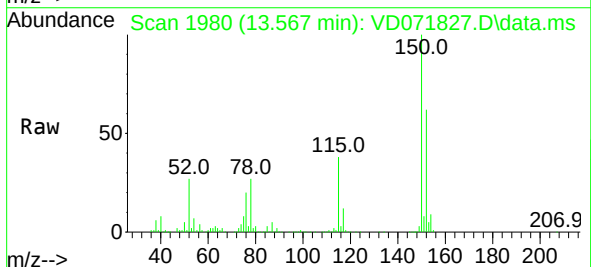
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

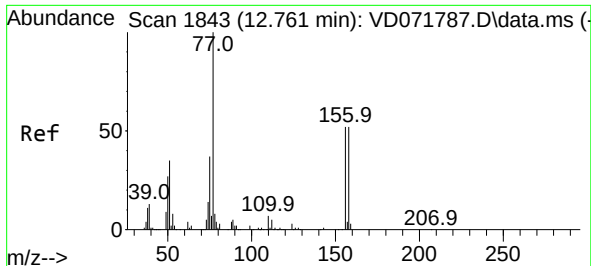
Tgt Ion:173 Resp: 3601
Ion Ratio Lower Upper
173 100
175 524.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Tgt Ion:152 Resp: 321812
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 160.0 0.0 348.6

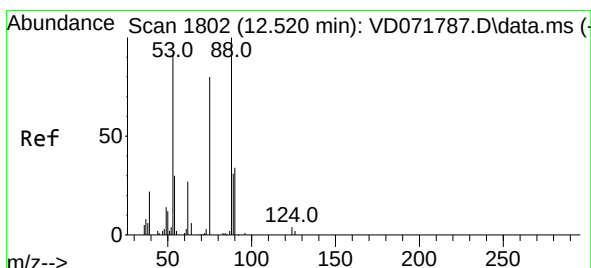
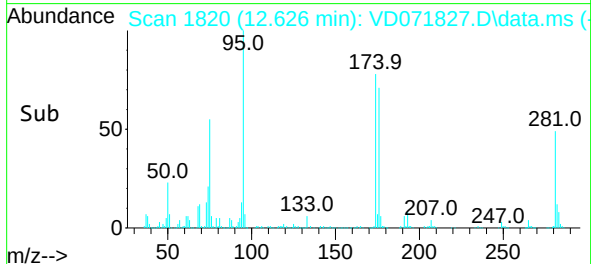
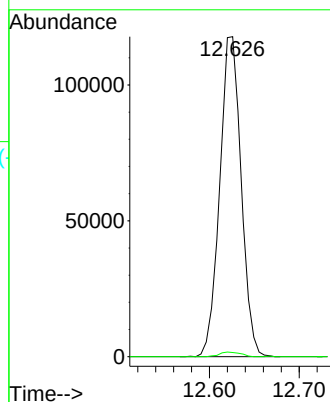
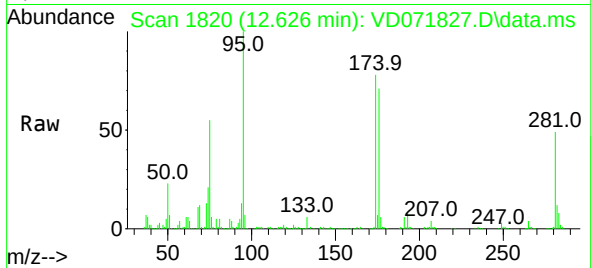




#76
1,2,3-Trichloropropane
Concen: 57.656 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

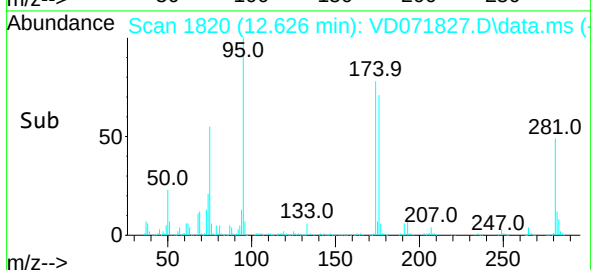
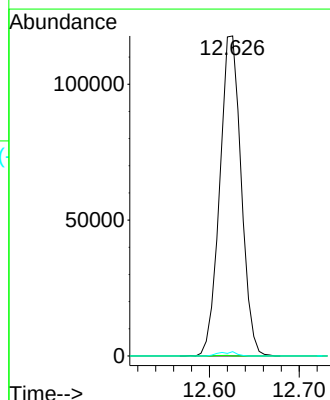
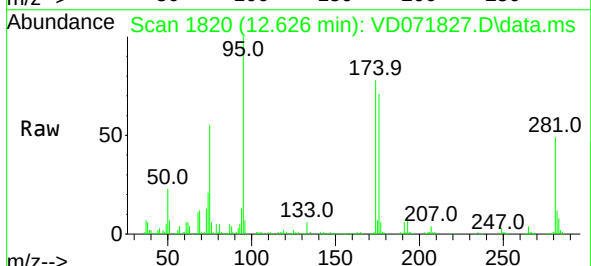
Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A

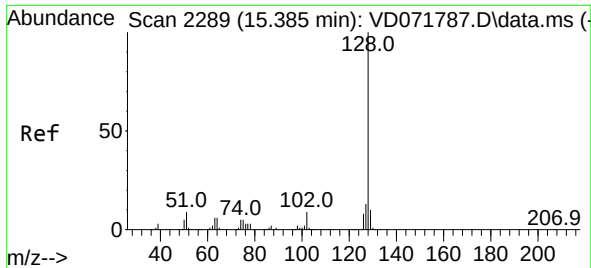
Tgt Ion: 75 Resp: 195541
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.763 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

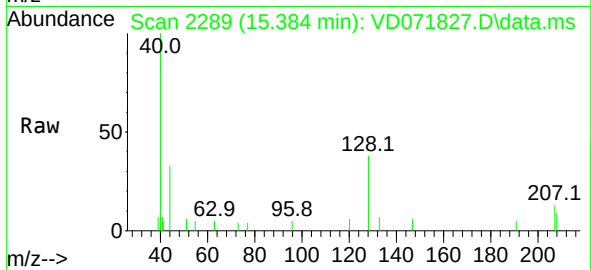
Tgt Ion: 75 Resp: 195541
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.1 33.9 50.9#





#95
Naphthalene
Concen: 1.675 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071827.D
Acq: 28 Jan 2022 16:43

Instrument :
MSVOA_D
ClientSampleId :
17B-MISC-A



Tgt Ion:128 Resp: 2546
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.4 8.4 12.6#

