

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071979.D
 Acq On : 15 Feb 2022 15:44
 Operator : VA/SY
 Sample : N1532-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:36:53 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)

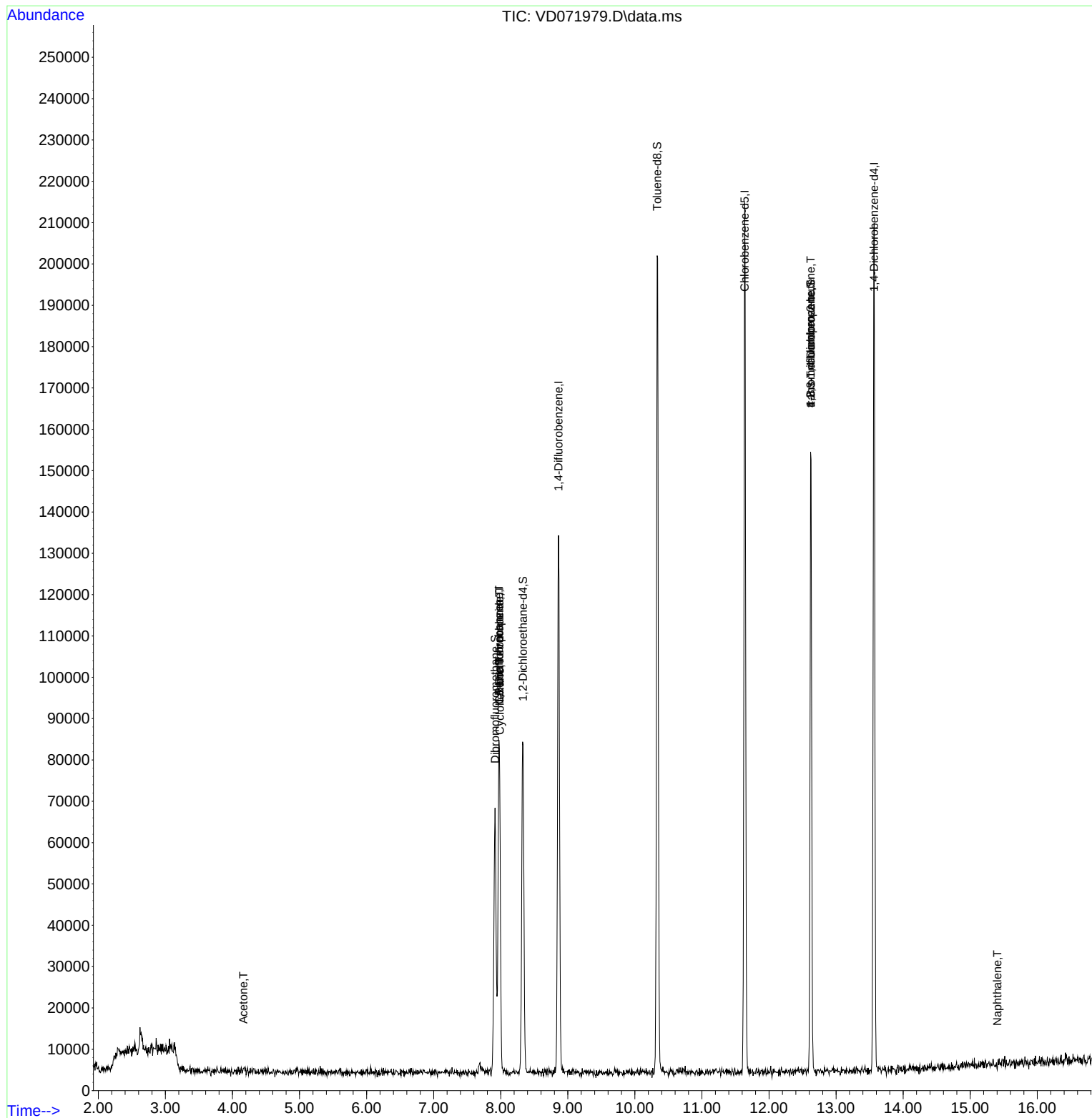
Internal Standards						
1) Pentafluorobenzene	7.973	168	54593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	103267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	111293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	65441	94.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.680%#	
35) Dibromofluoromethane	7.914	113	43147	63.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.120%	
50) Toluene-d8	10.332	98	130596	51.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.620	95	46554	52.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	57	Below Cal	#	74
16) Acetone	4.162	43	1134	6.004	ug/l #	47
20) Methylene Chloride	4.973	84	127	Below Cal	#	45
31) Cyclohexane	7.985	56	1979	1.502	ug/l #	44
36) 1,1-Dichloropropene	7.979	75	5851	5.022	ug/l #	45
38) Carbon Tetrachloride	7.979	117	6335	5.498	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	27499	53.090	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	27499	130.536	ug/l #	7
95) Naphthalene	15.402	128	61	1.489	ug/l #	70

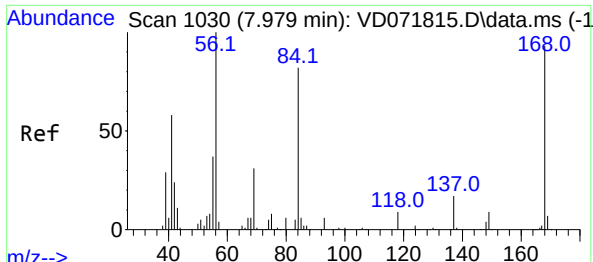
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
Data File : VD071979.D
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MSVOA_D
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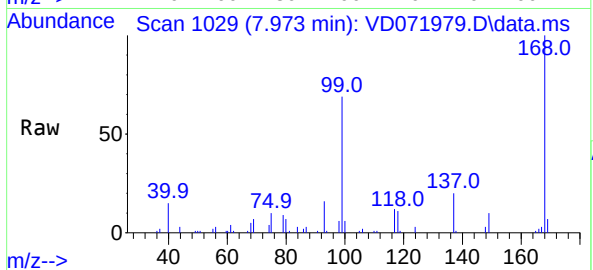
Quant Time: Feb 16 00:36:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



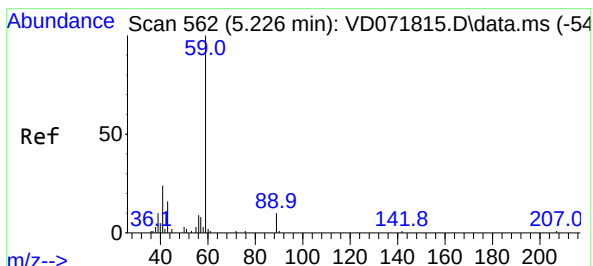
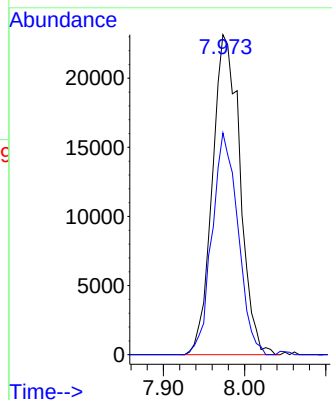
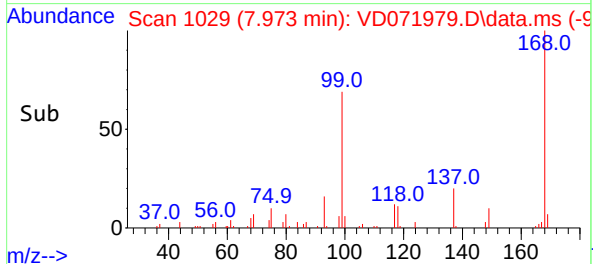


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :

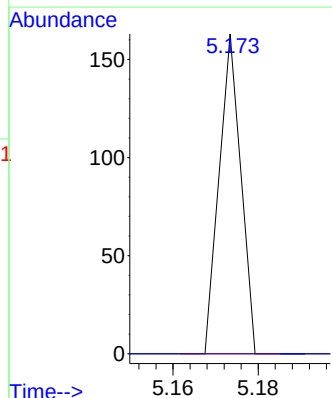
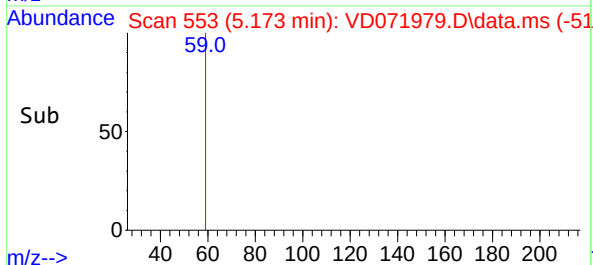
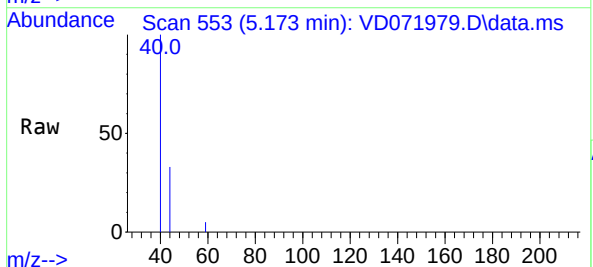


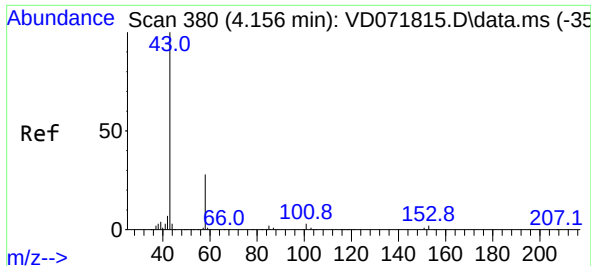
Tgt Ion:168 Resp: 54593
Ion Ratio Lower Upper
168 100
99 69.3 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

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

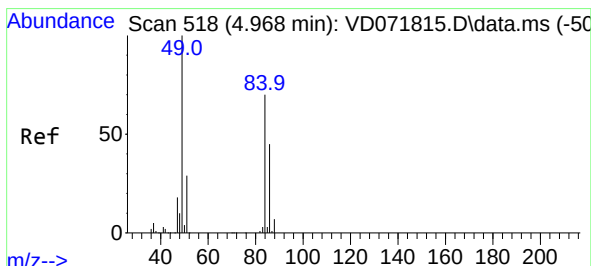
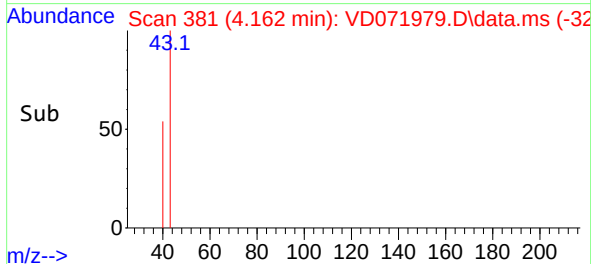
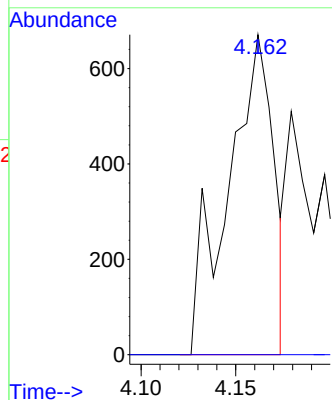
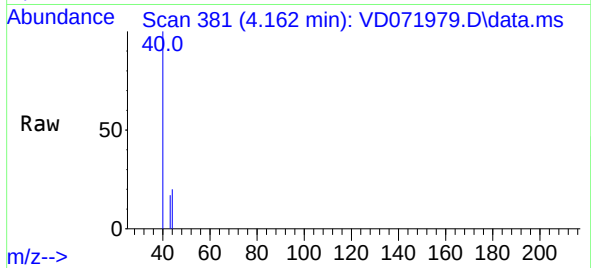




#16
Acetone
Concen: 6.004 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

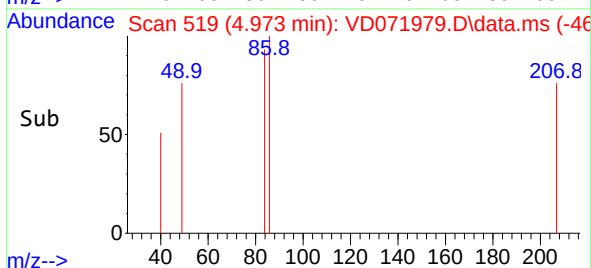
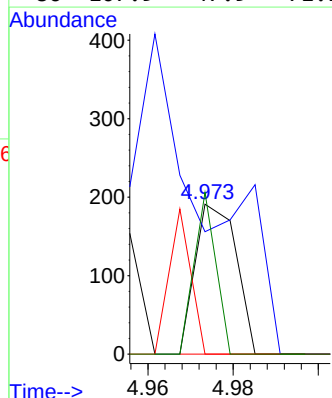
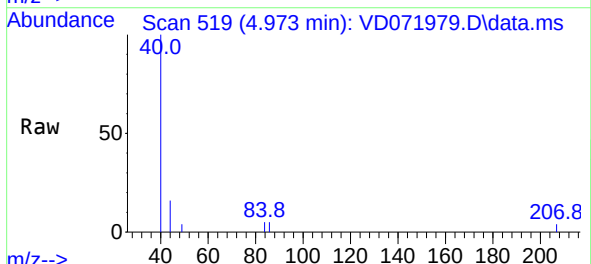
Instrument :
MSVOA_D
ClientSampleId :

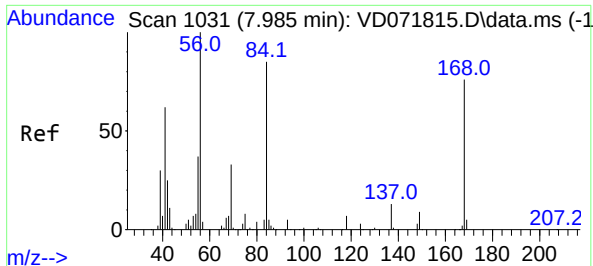
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Tgt Ion: 84 Resp: 127
Ion Ratio Lower Upper
84 100
49 81.7 112.8 169.2#
51 0.0 32.6 48.8#
86 107.9 47.9 71.9#





#31

Cyclohexane

Concen: 1.502 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

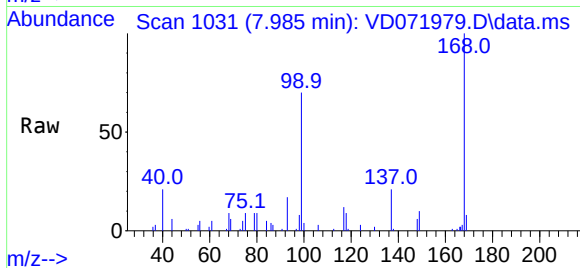
Lab File: VD071979.D

Acq: 15 Feb 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :



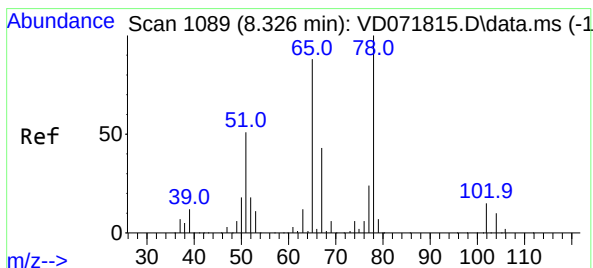
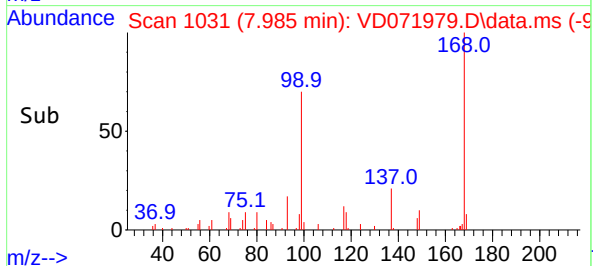
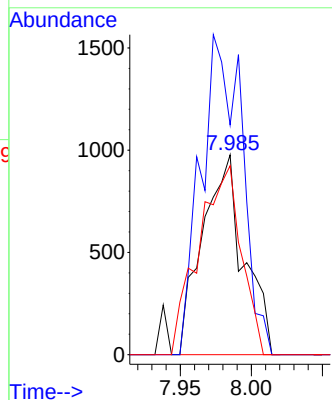
Tgt Ion: 56 Resp: 1979

Ion Ratio Lower Upper

56 100

69 115.0 25.4 38.2#

84 94.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 94.838 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071979.D

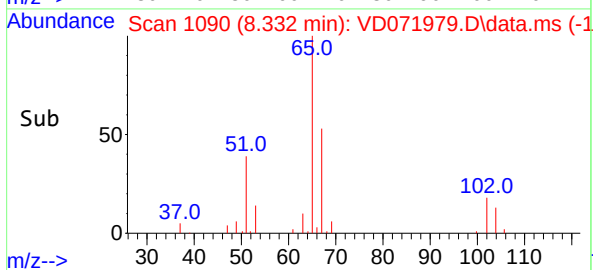
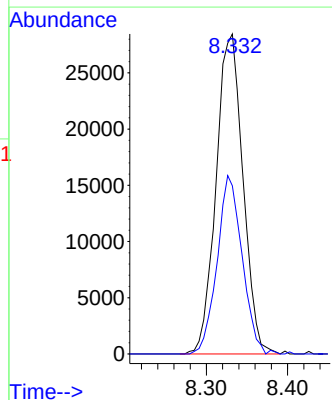
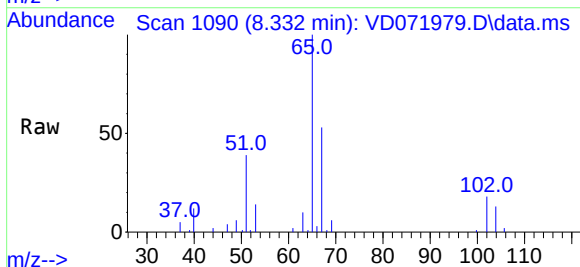
Acq: 15 Feb 2022 15:44

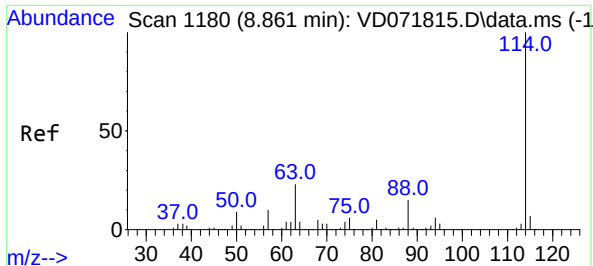
Tgt Ion: 65 Resp: 65441

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4

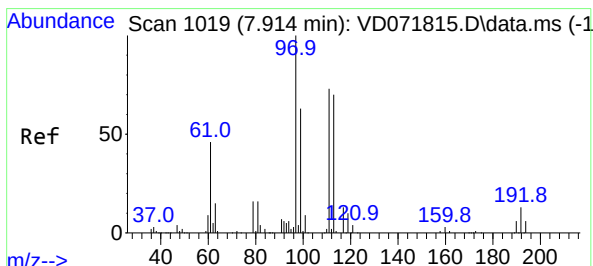
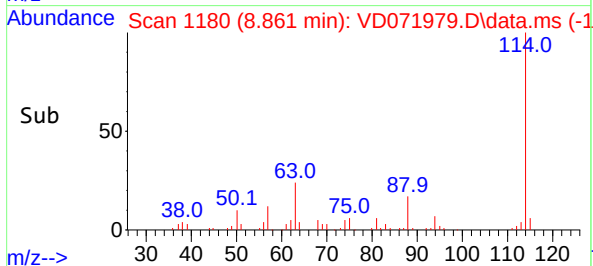
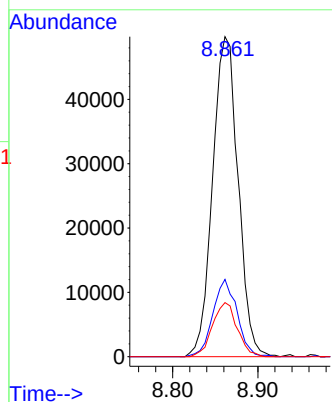
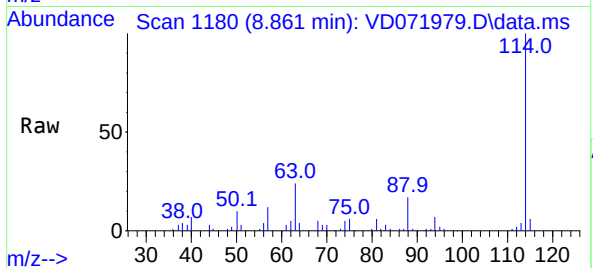




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

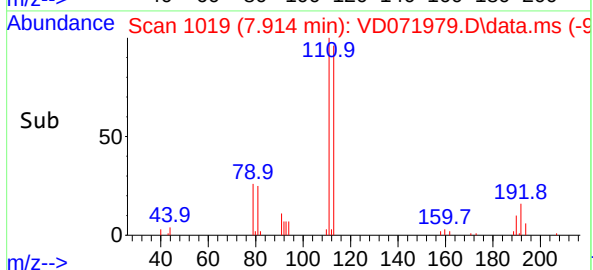
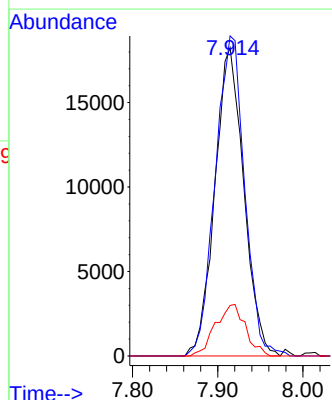
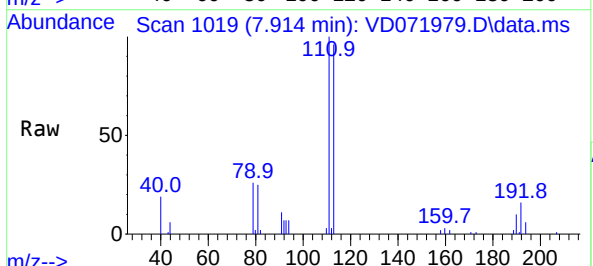
Instrument :
MSVOA_D
ClientSampleId :

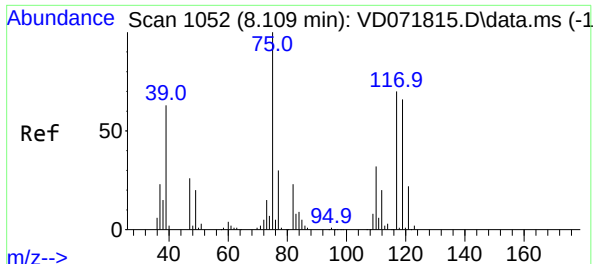
Tgt Ion:114 Resp: 103267
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.6
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 63.563 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Tgt Ion:113 Resp: 43147
Ion Ratio Lower Upper
113 100
111 105.4 83.8 125.6
192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.022 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071979.D

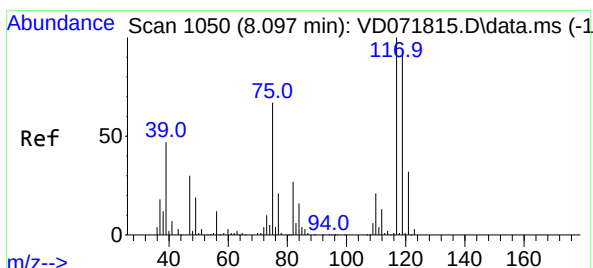
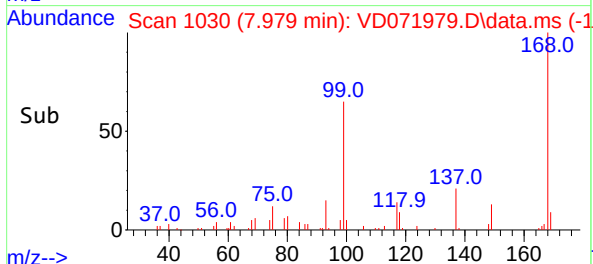
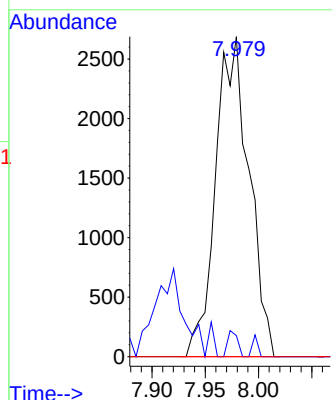
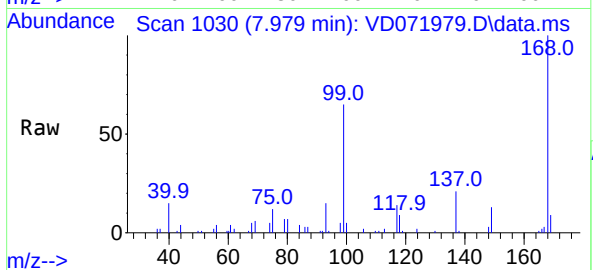
Acq: 15 Feb 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 5851
Ion Ratio	Lower Upper
75 100	
110 2.4	16.4 49.1#
77 0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.498 ug/l

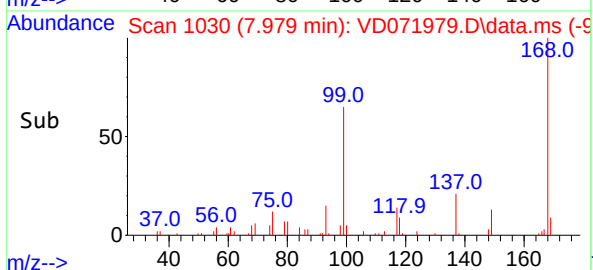
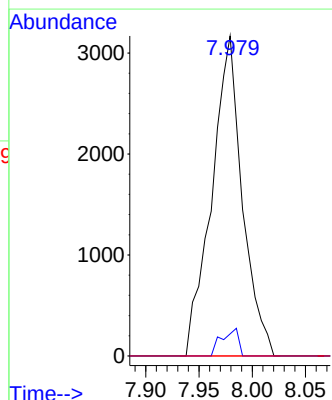
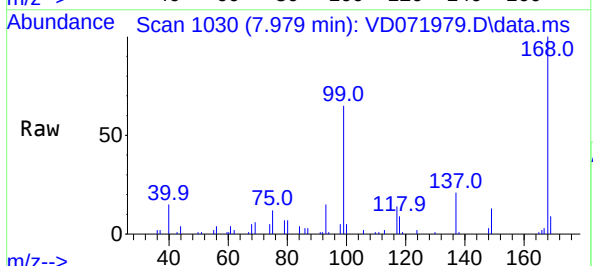
RT: 7.979 min Scan# 1030

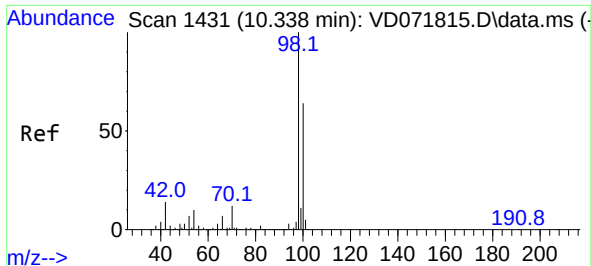
Delta R.T. -0.118 min

Lab File: VD071979.D

Acq: 15 Feb 2022 15:44

Tgt Ion: 117	Resp: 6335
Ion Ratio	Lower Upper
117 100	
119 6.9	75.8 113.6#
121 0.0	24.5 36.7#

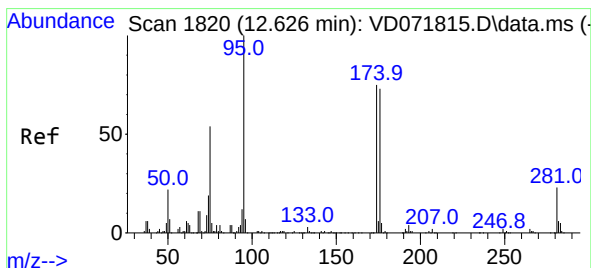
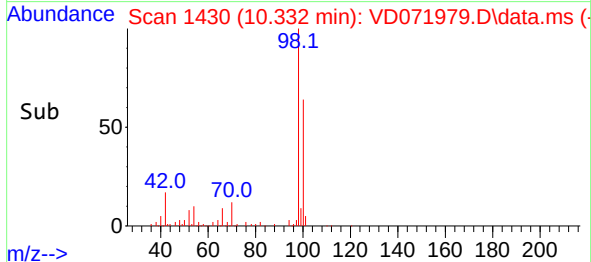
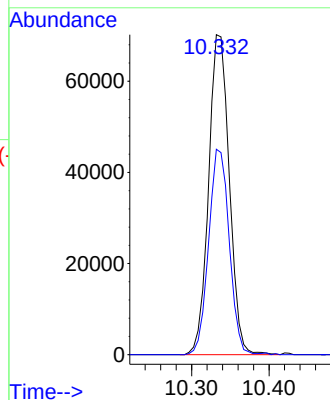
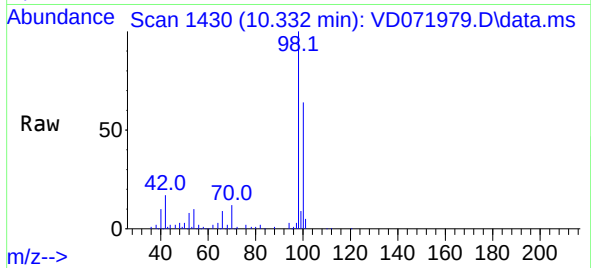




#50
Toluene-d8
Concen: 51.515 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

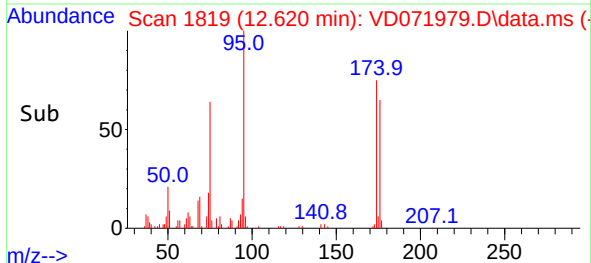
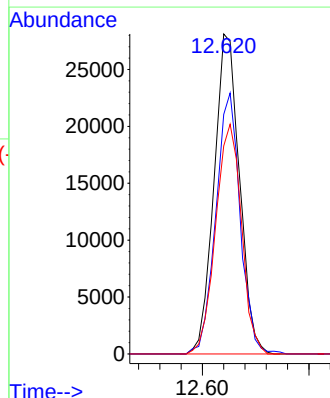
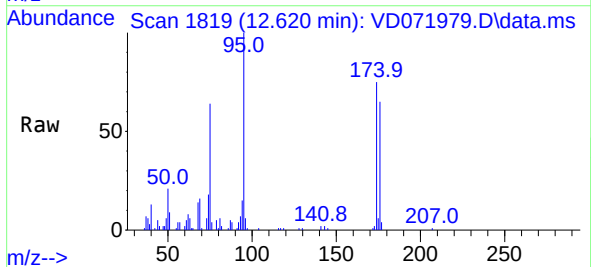
Instrument :
MSVOA_D
ClientSampleId :

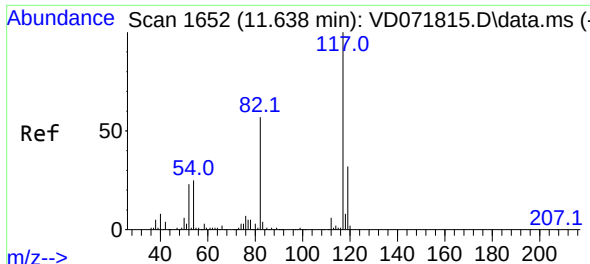
Tgt Ion: 98 Resp: 130596
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.586 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

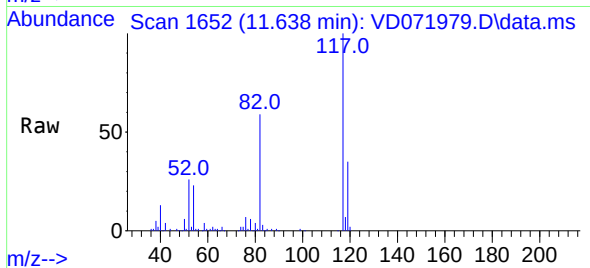
Tgt Ion: 95 Resp: 46554
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 72.9 0.0 145.4





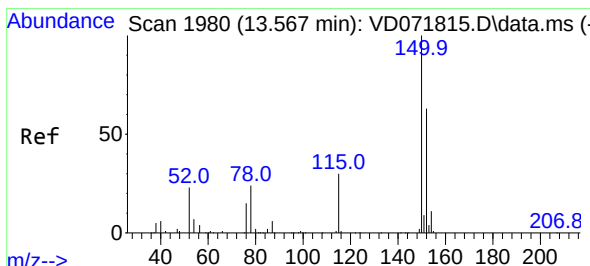
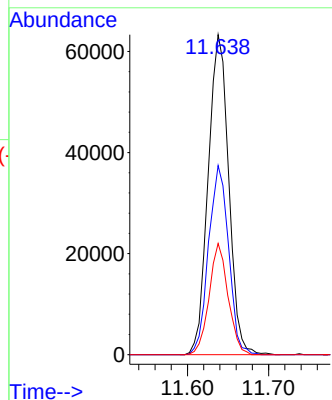
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:117 Resp: 111293

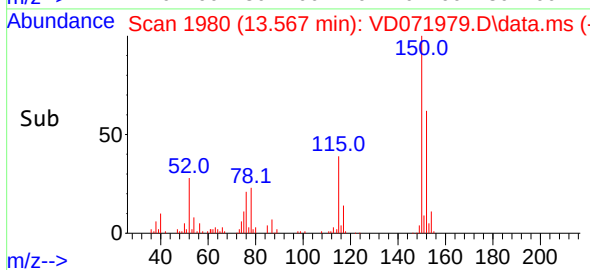
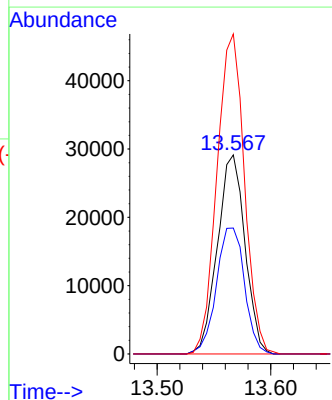
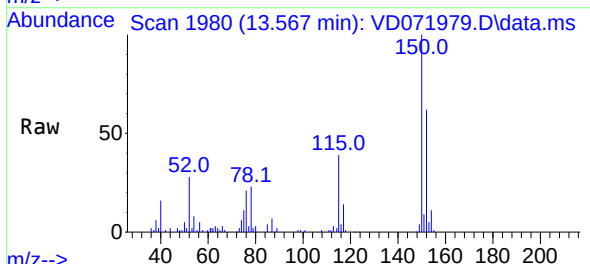
Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.3	67.9
119	34.8	26.6	40.0

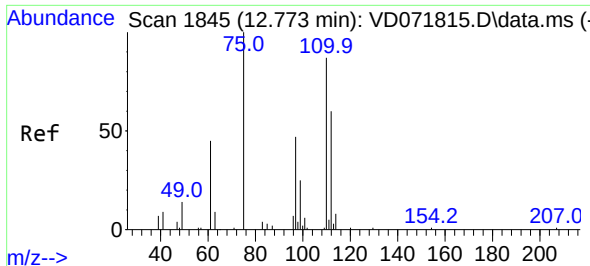


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Tgt Ion:152 Resp: 49149

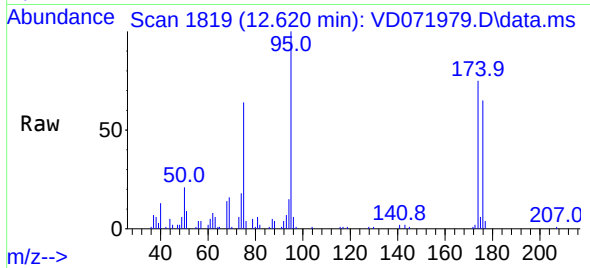
Ion	Ratio	Lower	Upper
152	100		
115	64.6	31.3	93.8
150	160.3	0.0	348.6



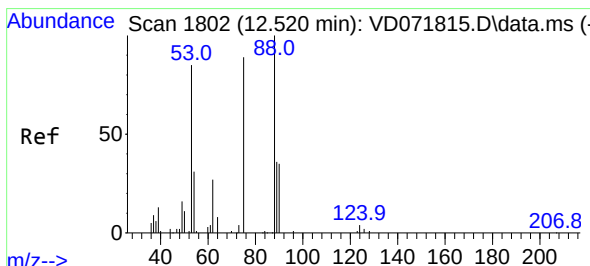
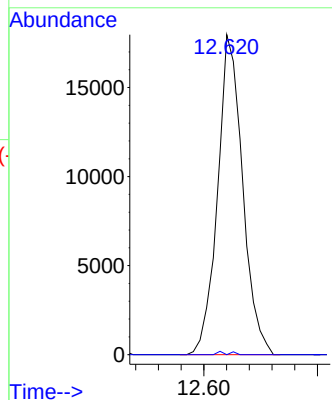
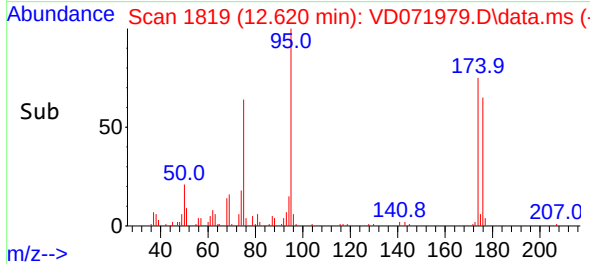


#76
1,2,3-Trichloropropane
Concen: 53.090 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

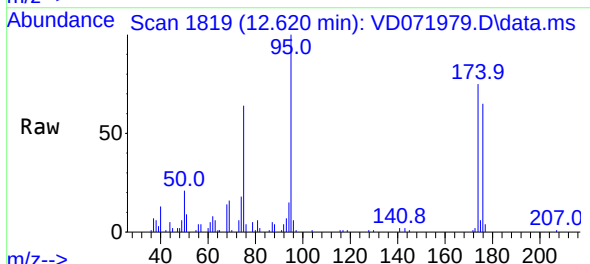
Instrument :
MSVOA_D
ClientSampleId :



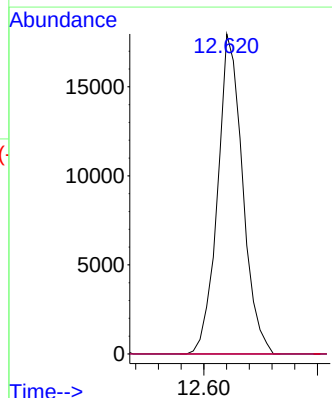
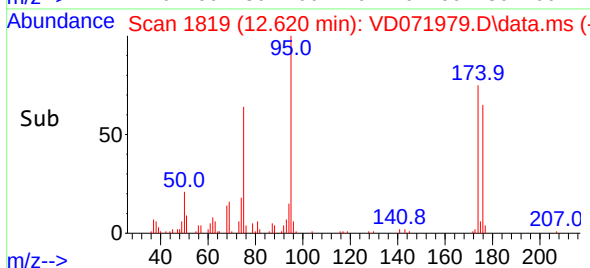
Tgt Ion: 75 Resp: 27499
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

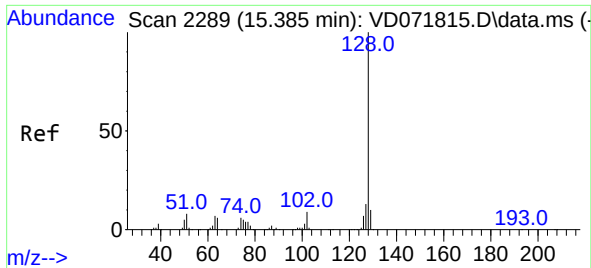


#81
trans-1,4-Dichloro-2-butene
Concen: 130.536 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44



Tgt Ion: 75 Resp: 27499
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 1.489 ug/l

RT: 15.402 min Scan# 21

Delta R.T. 0.018 min

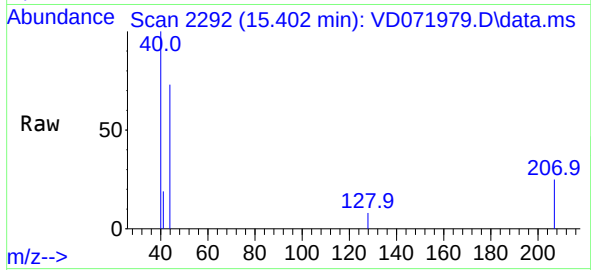
Lab File: VD071979.D

Acq: 15 Feb 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

